



Improving English skill in Lanna creative design and presentation

English Skill Improvement Project for Undergraduate Student following the Policy of the Upgrade of English Language Skill Standard of Undergraduate Student Faculty of Architecture Chiang Mai University . Academic Year 2019



#### โครงการพัฒนาทักษะภาษาอังกฤษของนักศึกษาระดับปริญญาตรี ตามนโยบายการยกระดับมาตรฐานภาษาอังกฤษของนักศึกษาระดับปริญญาตรี มหาวิทยาลัย เชียงใหม่ ปีการศึกษา 2562

- 1. ชื่อโครงการ พัฒนาทักษะภาษาอังกฤษในการออกแบบและนำเสนอผลงานล้านนาสร้างสรรค์ (Improving English skill in Lanna creative design and presentation)
  - ส่วนงานที่รับผิดชอบโครงการ
     คณะสถาปัตยกรรมศาสตร์ มหาวิทยาลัยเชียงใหม่
  - 1.2 ผู้ประสานงาน

ชื่อ-นามสกุล ผศ.ดธ.แผ่นดิน อุนจะนำ

ตำแหน่ง รองคณบดีฝ่ายวิชาการ สังกัด คณะสถาปัตยกรรมศาสตร์

#### 2. ความสำคัญของโครงการ/หลักการและเหตุผล

มหาวิทยาลัยเชียงใหม่มีนโยบายการยกระดับมาตรฐานภาษาอังกฤษของนักศึกษาระดับปริญญาตรี เพื่อ ให้นักศึกษาสามารถใช้ภาษาอังกฤษในการศึกษาค้นคว้าองค์ความรู้ที่ทันสมัย และเป็นสากล และเพื่อให้บัณฑิต ของมหาวิทยาลัยเชียงใหม่มีความพร้อมทั้งในด้านวิชาการ วิชาชีพ และสามารถใช้ภาษาอังกฤษในการสื่อสารอย่าง มีประสิทธิภาพ รองรับการเข้าสู่ประชาคมอาเซียน

คณะสถาปัตยกรรมศาสตร์มีเป้าหมายหลักในการผลิตบัณฑิตสู่วิชาชีพสถาปนิก ที่มีความรู้ความ สามารถในการออกแบบ และการนำเสนอผลงานที่มีความเป็นมืออาชีพ และยังมีเป้าหมายในการเป็นโรงเรียน สถาปัตยกรรมชั้นนำในอาเซียน ซึ่งสิ่งที่สำคัญในการเข้าสู่ระดับชั้นนำในอาเซียน และยกระดับสู่ระดับนานาชาติ คือ ความสามารถในการใช้ภาษาอังกฤษที่สามารถนำเสนอผลงานทั้งการเขียนอธิบายแนวความคิดในการออกแบบลงสู่ แผ่นการนำเสนอผลงาน และการนำเสนอผลงานต่อกลุ่มเป้าหมายด้วยภาษาอังกฤษ เพื่อให้ทุกคนในระดับนานาชาติ สามารถเข้าใจและสื่อสารผลงานออกมาได้อย่างชัดเจน

จากความสำคัญของทักษะภาษาอังกฤษในการเป็นเครื่องสื่อสารที่สำคัญ ในการนำเสนอผลงาน ออกแบบของนักศึกษาสถาปัตยกรรมศาสตร์ ที่จะเป็นสถาปนิกในอนาคตที่สามารถทำงานในระดับประชาคมอาเซียน และ นานาชาติใด้ จึงก่อให้เกิดโครงการพัฒนาทักษะภาษาอังกฤษในการออกแบบผลงาน สู่การนำเสนอผลงานด้วย ภาษาอังกฤษ ในรูปแบบผลงานของล้านนาสร้างสรรค์ ที่ผลิตผลงานออกมาตอบรับกับยุทธศาสตร์การพัฒนา มหาวิทยาลัยเซียงใหม่ โดยเป็นกิจกรรมปฏิบัติการออกแบบผลงานที่พัฒนาด้านล้านนาสร้างสรรค์ โดยการใช้ทักษะ ภาษาอังกฤษผลิตผลงานและนำเสนอผลงานด้วยภาษาอังกฤษ ให้กับสถาปนิกรับเชิญที่มีชื่อดังในระดับเอเซีย ในการตรวจ ผลงานการออกแบบของนักศึกษาทุกซิ้น และนำผลงานการออกแบบทั้งหมดจัดแสดงผลงานสู่สาธารณะ โครงการนี้จึง ถือเป็นการพัฒนาทั้งทักษะภาษาอังกฤษ การออกแบบและนำเสนอของนักศึกษา อีกทั้งยังเป็นโครงการ ที่ตอบรับต่อยุทธศาสตร์มหาวิทยาลัยเชียงใหม่

#### 3. วัตถุประสงค์ของโครงการ

- 3.1 เพื่อพัฒนาทักษะภาษาอังกฤษในการออกแบบและนำเสนอผลงานโดยผ่านการออกแบบ ผลงานล้านนา สร้างสรรค์
- 3.2 เพื่อจัดปฏิบัติการออกแบบผลงานล้านนาสร้างสรรค์ ให้เป็นประโยชน์ต่อมหาวิทยาลัยเชียงใหม่ หรือ จังหวัดเชียงใหม่ต่อไป
- 3.3 เพื่อการจัดแสดงผลงานการออกแบบล้านนาสร้างสรรค์ สู่สาธารณะโดยการเซิญสถาปนิกซื่อดังระดับเอเซีย ร่วมตรวจผลงานและให้ข้อเสนอแนะในการพัฒนาผลงานของนักศึกษาต่อไป

#### 4. กลุ่มเป้าหมาย และจำนวนผู้เข้าร่วมโคธงการ

#### กลุ่มเป้าหมายหลัก

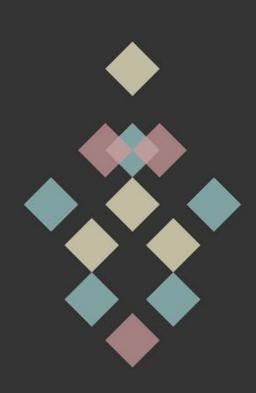
+ นักศึกษาระดับปริญญาตรี หลักสูตรปกติ	จำนวน	190 คน
+ นักศึกษาระดับปริญญาตรี หลักสู้ตรนานาชาติ	จำนวุน	10 คน
	รวมทั้งหมด	200 คน

#### ผู้เข้าร่วมโครงการในการรับฟังการบรรยายุมิเศษจากสถาปนิกชื่อดังระดับเอเซีย

+ นักศึกษาคณะสถาปัตยกรรมศาสตร์และอื่น ๆ	จำนวน	300 คน
+ คณาจารย์ ศิษย์เก่าฯ สถาปนิก และบุคคลทั่วไป	จำนวุน	100 คน
	รวมทั้งหมด	400 คน

#### 5. ตัวซี้วัดความสำเร็จ และค่าเป้าหมาย

- 5.1 คุณภาพของผลงานการออกแบบล้านนาสร้างสรรค์ในระดับ ดี-ดีมาก จากการประเมินของ คณาจารย์ผู้ร่วมตรวจผลงานและสุถาปนิกรับเชิญ
- 5.2 จำนวนผู้เข้าร่วมฝังบรรยายพิเศษที่รับเชิญสถาปนิ้กชื่อดังระดับเอเชีย ในความรู้และตัวอย่าง ผลงานในการออกแบบของสถาปนิก จำนวน 300ุ – 400 คน
- 5.3 จำนวนผู้เข้าร่วมชมนิทธรศการ จำนวน 100 คนขึ้นไป และความพึ่งพอใจในระดับ ดี







Special Lecture

## DESIGN THINKING PROCESS IN ARCHITECTURAL DESIGN



Oliver Loesser
Lecturer of the Faculty of Architecture, CMU
WED 25 DEC 2019

1.30 - 2.30 p.m. Room 2001 floor 2















## NEW CONTEMPORARY ARCHITECTURAL DESIGN AND PRACTICES IN ASIA

 $24 \frac{AUG}{2020} \mid 4.00 - 6.00 \text{ pm}$ 

Ar Denny Setiawan

Studio Denny Setiawan Indonesian Institute of Architects, Indonesia

 $26 \frac{AUG}{2020} \mid 4.00 - 6.00 \text{ pm}$ 

Ar Adrianta Aziz

AR RAD Architects
ARN Consulting, Malaysia

02 SEP | 4.00 - 6.00 pm

Ar Mikako Oshima

LEED AP BD+C, WELL AP Nihon Sekkei Inc., Japan





3.30 - 4.00 p.m. Online registration

4.00 p.m. Opening Speech by Dean of Faculty of Architecture

4.10 - 5.30 p.m. Lecture by Special Speaker

Moderator: Asst. Prof. Dr. Rattapong Angkasith

Assistant Dean for Student Affairs, Alumni and Professional Relations

5.30 - 6.00 p.m. Q&A Session

\* This schedule applies to every lecture date.

The lecture will be held online via Facebook Live www.facebook.com/arccmu





ARCH CMU LECTURE SERIES DAY 01

## NEW CONTEMPORARY ARCHITECTURAL DESIGN AND PRACTICES IN ASIA

24 AUG 4.00 - 6.00 pm

#### Denny Setiawan

Studio Denny Setiawan Indonesian Institute of Architects, Indonesia













ARCH CMU LECTURE SERIES DAY 02

## NEW CONTEMPORARY ARCHITECTURAL DESIGN AND PRACTICES IN ASIA

26 AUG 4.00 - 6.00 pm

#### Ar Adrianta Aziz

AR RAD Architects
ARN Consulting, Malaysia











ARCH CMU LECTURE SERIES DAY 02

## NEW CONTEMPORARY ARCHITECTURAL DESIGN AND PRACTICES IN ASIA

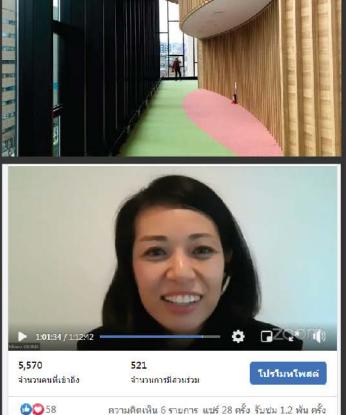
**O2** SEP 4.00 - 6.00 pm

#### Ar Mikako Oshima

LEED AP BD+C, WELL AP Nihon Sekkei Inc., Japan







### **•**

## LOCAL CREATIVITY TO NEW PUBLIC PLACE

#### **Project**

Present the concept of "Locality" in terms of, for example, lifestyle, geography, climate, nature, ethnic, material, equipment, story, belief, etc. through the design of "Local Creativity to New Public Place" for Chiang Mai University that is suitable for the user and the program depending on the design team. Please select the design site from given sites of the maximum of 500 square meters.

#### Site

- 1. CMU shuttle bus stop in front of CMU
- 2. Activity space in front of CMU Main Canteen

#### Work

- + 1-page digital file of an A1 vertical layout (RBG,300 dpi) with complete English content
- + Conceptual Design of not more that 150 words in word file

#### Detai

Conceptual Design / Lay out with scale bar / Plan with scale bar / Perspective / Other elements ex. diagram, elevation, section

#### Member

+ Faculty of Architecture, CMU students in the same year and program, maximum of 5 people/group

#### **JUDGES**



Ar. Denny Setiawan
Studio Denny Setiawan
Indonesian Institute of Architects
Indonesia



Ar. Adrianta Aziz AR RAD Architects RN Consulting Malaysia







# 48 PROJECTS JOIN THE COMPETITION



Ar. Mikako Oshima LEED AP BD+C WELL AP Nihon Sekkei Inc. Japan Asst. Prof. Dr. Rattapong Angkasith
Assistant Dean for Student Affairs
Alumni and Professional Relations
Faculty of Architecture, Chiang Mai University





## First Prize

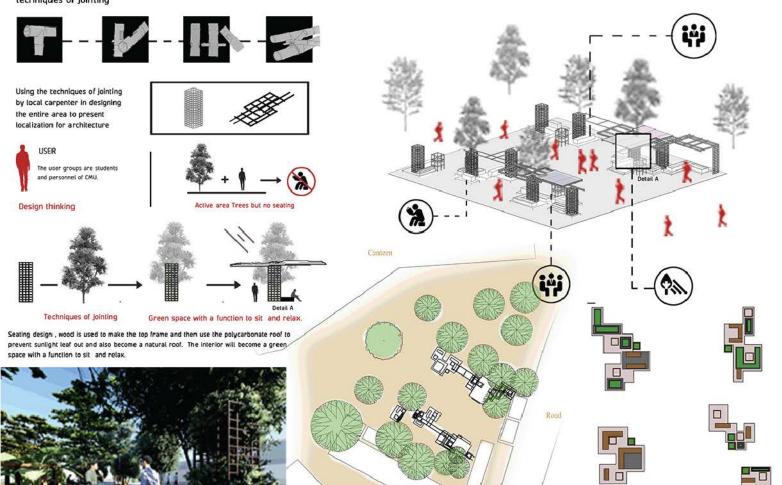


#### LAN-MAI

CHONLANUT BOONMADUM
CHUTIKAN KHAITA
PAKORN SADKAEW
WATTANAKORN WATTANAPORN











## Second Prize



#### **BLEND**

PREEYANUCH JUNLAPAT
SATTAYA PILA
INTUORN HINMALAI
TEEJUTA CHANSEESOM

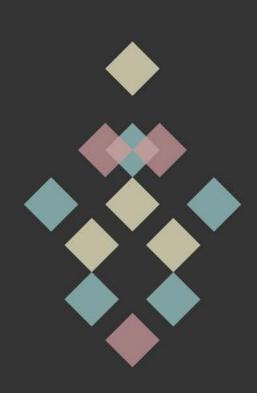
#### **BAMBOO COTTA**

NATHDANAI KUNAMAI WUTTHIPAT YOSPANYA SMITH SAROBOL















CMU Multi-Activity Ground
PHUNYAPAT ORPRAYOON
PATTANAN SRIVIPAT
RUJ-APHA VIBHATASILPIN
SAIKLANG KITMONGKONPAISAN

#### SHEN

CHUTIPA PAKDEE
TECHINEE KHAISIN
TIKUMPON JUNPONG

#### **DE LEAF**

NATTHAPON KLINFUNG LUKSIKA WANGKRASEAR SATAPORN NIMJINDA



#### **CMU Multi-Activity Ground**

A public space that is designed to be multi-purpose and flexible in order to accommodate various activities, since this location is a gathering spot, activity area and also acts as a intersection

to various building.





Student Council building

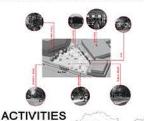


Circulation



Sun and Wind Path



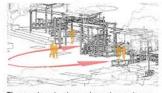




ground level. When combined with the wooden structure, creates a sitting space that accommodates various sitting gestures.



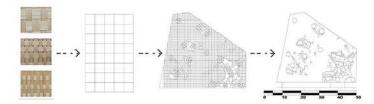
The space at the center is enclosed by the surrounding wooden structure to create court area that can be adapt to various activities.







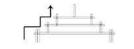
The floor plan grid is derived from bamboo wicker pattern that has been laid on the site plan, which is used to determine the elevation of the ground level that will be served as sitting spaces and also area for activities.



The wooden structure comes from the idea of using "Ma Tung Mai" (timber structure that is used commonly in Lanna architecture) to complement the sitting spaces. The combination of elevated ground level and the wooden structure create semi-enclosed area for performance and entertainment area.



"Ma Tung Mai" is pyramid-like roof structure.



The characteristic of this structure is that the structure is gradually decrease in each level from bottom to top.



This project uses this characteristic to create structure for the gates.





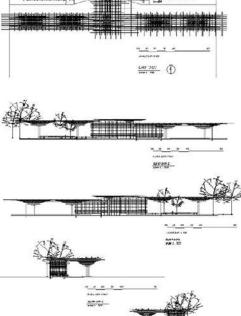




#### Conceptual Design

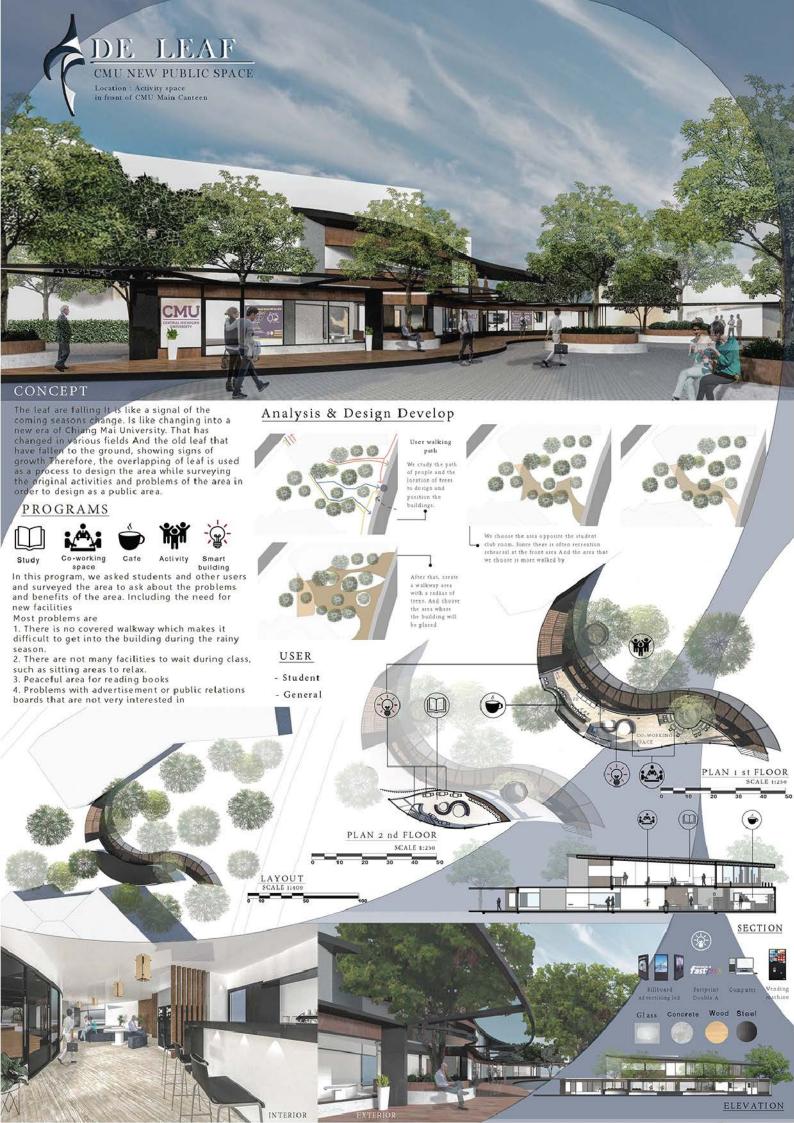
'SHEN' get design ideas from the vernacular in the Social Environment and Human Society Human nature SHEN is designed as a public space. Based on the relationship of man and nature in the design SHEN is designed to analyze the location and the purple bus in front of the university campus. The analysis Found that the use of the area. I was waiting for the shuttle bus is late and people were shopping in the market in front of the design concept of raises in a new line of SHEN History of the area is designed using the 3 strategies is. Rebrand to add value to the area. This makes the activity tame User. Revival developing some of the public areas, Relink the tame to the Design of SHEN has brought structure Tong used to load and force distribution. The placing of the joist, causing a build strength as a convinced Social Human Environment and the same.





A.Birt. School









## Popular Vote

320 likes + (379 shares  $\times$  3 points) = 1,457 points



#### **Khein**

- 1. PANUWAT DONTHONG
- 2. WARAT PHANSANESRI
  - 3. TAI VILAINATE
- 4. PUPING HARINTARAT







#### CONCEPT AND INTRODUCTION

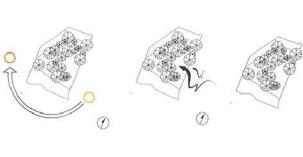
#### Khein

Today, the area in front of the cafeteria awn. is still a disconnected area between those who work in the area. Therefore, it leads to the development of a good, convenient, safe, inviting space for connecting with the atmosphere and having activities to support socialization of the users of the area. Therefore, leading to the origin of the event. Lacquer ware is a work of art of the Lanna people and is an appliance. Involved in the daily lives of the Lanna people in the past When referring to lacquerware, it generally refers to utensils that are woven with bamboo and coated with love to write decorative patterns

#### CONCEPT PERCEPTION

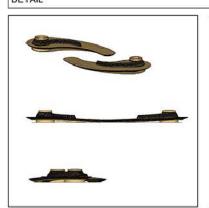


#### DIAGRAM

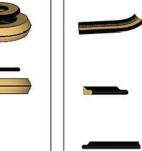


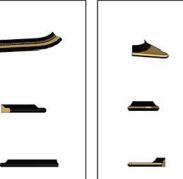


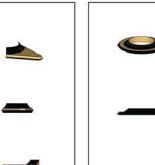
DETAIL

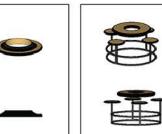




















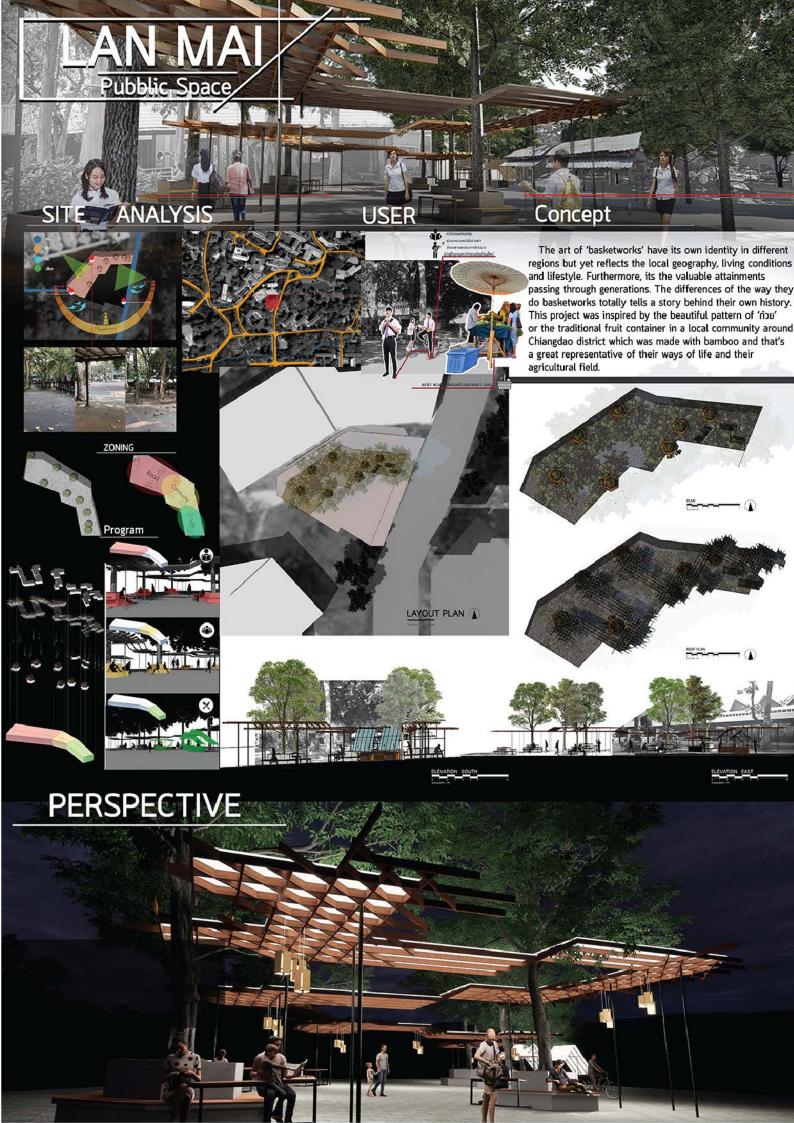




## Honorable Mention Prize









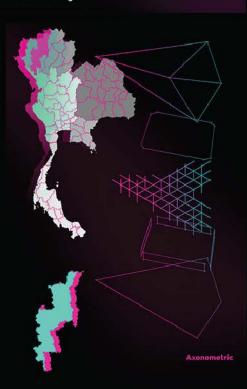
#### Lifestyle Demographic Data

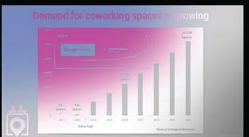
Co-Working Space
Now a global phenomenon, co-working spaces are popping
up in most major cities. Co-working is the new path of
melding life and work in a sustainable fashion. It is the
global linchpin at the intersection of real estate, technology and community.

Work-Life Balance In 2018, we found that knowledge workers, on average,

have
2 hours and 48 minutes a day for productive tasks. The rest
of the day is spent on neutral and distracting activities. In
fact, 21% of the workday was spent on entertainment,
news, and social media.

Meeting Space
Now a day, people communicate with others much more than before. For social Interaction, It's critical to have space where people can engage with one another. like talking or discuss something, even place where people can

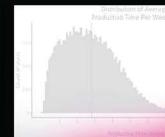












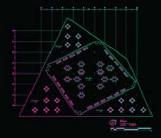






#### Concept

The Neon Gen-nesis project is a sparkling place for CMU in the day and night on the front of CMU's canteen court that is the main node to connect between student's social life and study building. The process of project was thinking deep in the access from surround building and using axis for circulate the circulation among the place that would not disturb any old activity. This project would be the 1st waking up station 24hours for CMU that support people to doing various activity as the New-Gen life.









#### **INDILOCAL**

#### Concept

" MOR - HOM " is a local indigo febric of Phae which has a distinct identity and unique, it was influenced by "Tail - Paun" who emigrated from Laos. We choose a unique process about how to make a " MOR - HOM " also we analyze the process to make a design and function



#### Process of Mor - Hom



1. Planting
The local people in Phae, have planted "Hom" seed around their house and waited for growing, On the other hand, we use the tree around the site to make a shade protect users from the sen.



#### 2.Fermentation & Dyeing

an the fermentation and dyeing process must use a large water just to put Hom's leaf into the jar like the users using space for sitting, waiting and make some activity also we design portiole like a jar to make activity inside and take your time.



3. Weaving & Knitting
In the knitting process, it proves character about a thread across or thread like they across on the other axis, so we design to use fabric on the head to make shade on the floor that has across from other the axis.

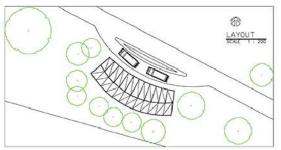


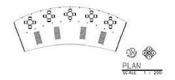
#### 4.Clothsline

The Tension Membrane design from a contestine. It can make a shade and space.



















#### Concept

Project start from site study. We studied activities that occurred around it and found that people tend to sit and wait for the bus or take a break after jogging. And then we designed public spaces that meet the needs of users. We have use traditional Sin or traditional sarong patterns to design details in the project.

Sin or traditional sarong is traditional clothes that northern Thai woman wear in the past for various ceremonies. Also has many various pattern depends on various provinces.









#### **COOL SHADOW**





#### CONCEPT

Space for CMU shuttle bus that transcribe the feeling of the feeling of the trien in the lanna house. which has function to meet and converse, receive guest and rest. There has shade of tree that provide coolness and goodness place. Finally we increase funtion for user who go to shopping malin market in front of chiang mai university.

#### **USERS**

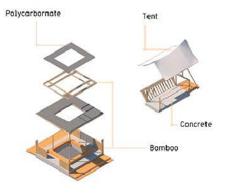


college student and teacher

sport mans and runner

visiter and tourist

#### DETAIL DESIGN

























SECTION A







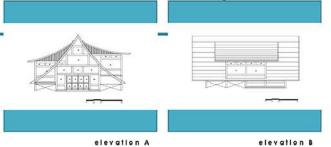


#### Conceptual Design

PEGASUS is working space specificated for Chiang Mai University students Designed by using Mah-Taang-Maii -- roof structure which is a Lanna style structure as a concept, located in front of the CMU Main Canteen. Which is one place that students use to read books, work and many activities Therefore often not having enough space to use.

This working space will increase the space for reading, working or activities for Chiang Mai University students. And is one option that students think of.

#### Elevation



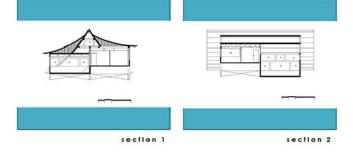




elevation C

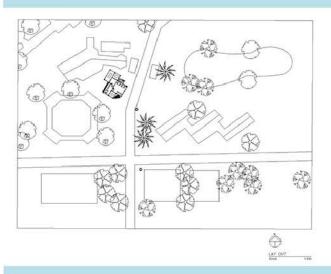
elevation D

#### Section

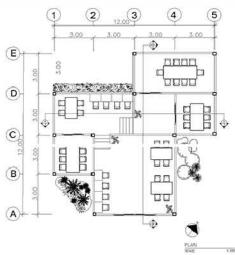


#### PEGASUS

#### Lay out



#### Plan



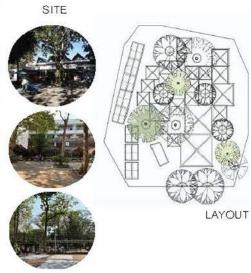
MEMBERS

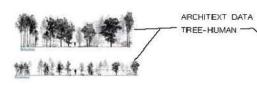
FACMU24

611710032 Tittaya Gosonhemm 611710036 Thunyalak Phomsak 611710045 Pawarisa Worasa













#### MEENAI

The building is a space for doing activities. There's providing space to help peole manage a space for their activity. So, the zoning create for more private. Morever, there are sitting spaces for rest. And, there's a path for the users that don't want to join activity. All of these, our project will improve managing amount of people per area at this site.







ELEVATION B



ELEVATION C



INTERIOR





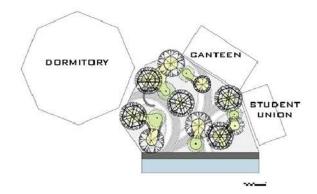




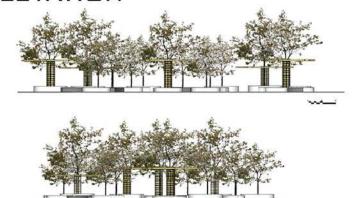


THIS DESIGNING LOCATED ON THE AREA IN FRONT OF THE MAIN CANTEEN OF CHIANG MAI UNIVERSITY. IDEA SPARKS FROM AN OBJECT CALLED TA LAEW, AN AMULET OF LANNA PEOPLE MADE OF BAMBOO, BELIEVED ITS CAN PROTECT USER FROM DANGERS AND ARE ALSO USED IN IMPORTANT CEREMONIES SUCH AS "HAEK NA (AN OPENNING OF HARVEST SEASON)" DESIGNERS BROUGHT THE CHARACTERISTICS OF TA LAEW, THE BAMBOO WEAVE TOGETHER INTO A SQUARE TO CREATE THE SPACE. THIS PAVILION DESIGNED ALSO GIVING SENSES OF SECURE WITH SHADY AND COOL FOR THOSE WHO USE

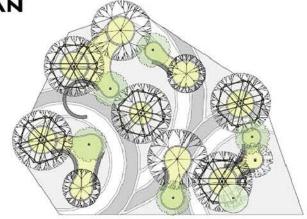
#### LAYOUT



#### ELEVATION

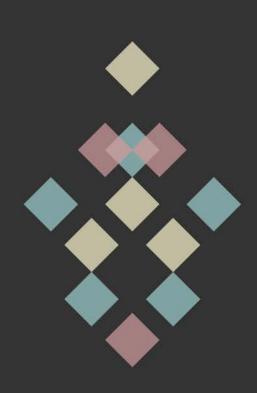














# Competition Participants





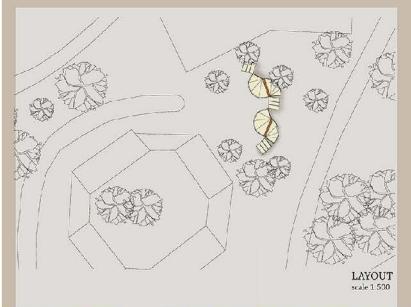


Mieng is a Lanna's appetiser. It's popular for welcoming the guests. Nowadays it's fading by the time.

With this concept of Mieng, We link it to design this multi-activity space, for visitors to do activities together.





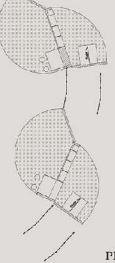


### USER

- STUDENT
- PROFESSOR and
- EVERYONE

The design might come from folding Mieng or the building that could be folded to keep and reformin alternative ways.

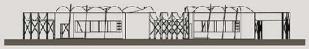




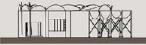




ELEVATION A



ELEVATION B



ELEVATION C



ELEVATION D



# BACK TO BASICS

# Background

From site surveying (CMU's Bus terminal), This area is for CMU's-bus to pick CMU's students up. We decided to maintain current program which is "The area for sit waiting bus" and develop current program by design additional to fit user behavior even more.



# Conceptual design, "Bamboo"

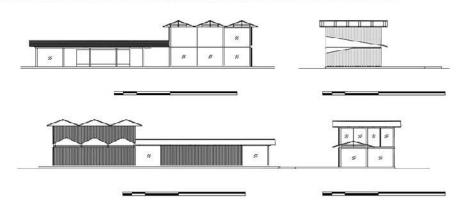
In the part of design, We've chosen the "Bamboo" which is a natural material, local easily affordable thing. Becoming the part of the architectural design; façade,—overall design and ornament Bamboo have been used in Chaing Mai for a long time—in Lanna people's everyday life, have a repetition and by doing this, it created unique knowledge and culture for Lanna's.

### User Groups

There're 2 kind of the user behavior that we've surveyed which are

- 1.Temporarily waiting for bus
  - (these users are CMU's students and CMU's staff)
- Long-standing user demanding quite a long time working place (Such as digital nomad, businessman etc.)

### Elevations 1,2,3,4, Scale 1: 200



### Participants (Student)

- 1. 5917100xx Mr. Rattasak Morrakotwijitk
- 2. S01710027 Mr. Thanapong Satapornnancht
- 3. 801710039 Ms. Napassom Nanekrungson
- 4. 601710056 Ms. Mananat Tarhataweepat
- 5. 801710063 Ms. Wanvalee Khamnuan



Project's Materials







Concrete

mboo

Greener

### Functions' details



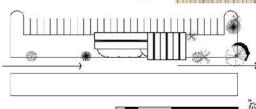






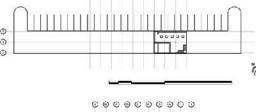


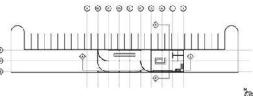


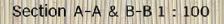


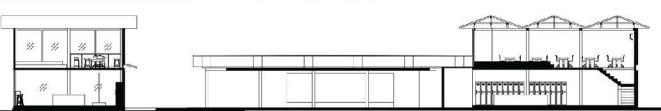
# Plan 1st & 2nd floor 1: 200

000000000









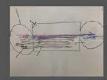


# WHAT ARE THE NUMBER? ARE THEY READY?



the original design is blocking the view of seeing the bus coming by forcing people to look at the view out side of the bus stop.

but the problem is actually people are more want to look at the back side or right side of them as well because when the bus is come, people want to see that is it the right bus for them or not?





swivel chair?

to let people turn around while they are waiting for the right bus number to come

Passenger: what are the number of the bu Driver:Are they ready



but there is the selling drink machine place on the area that could uesfull.



an image of the side view of the bus stop that remove the side cover, one of the solution regarding visibility.



Separate and manage the passenger into particular bus number to help driver regcognize the passagener that are ready



the moveable chair that can moved toward bus on the right side autometicly when bus going to arrived helping people to easily see the bus coming on the right side and also give it a sign to the driver that there are ready to go



this is the drawing of the example of the wide mirror that mostly present in the alley, we got an image of this mirror as it contain practical of the mirror and the aesthetic of the mirror in dark alley



this is the image of the mirror which design to reflect both side for driver and the passenger alike, as the passenger and the driver can see other side preparing to ready to go.

















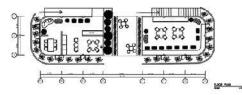
# T EST

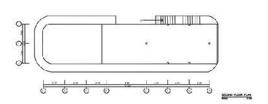
TEST OR REST

### Concept

Public spaces for people to meet to do activities together in any form like the working space for students. Sometimes it may be an area for students to relax during the class. Which reflects the Lanna locality with the use of bamboo materials combined with modernity. To blend it with the surrounding environment.







User







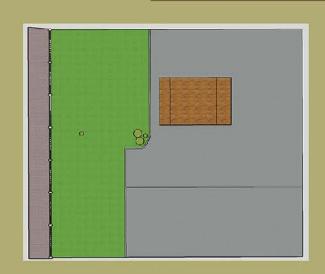
# **TRANSPORTMER**

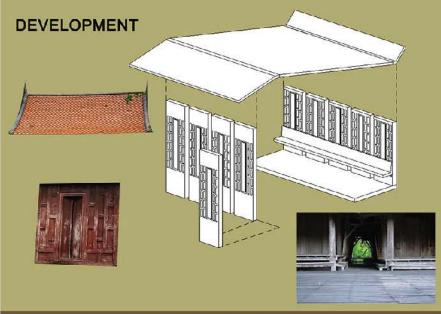
# CONCEPT

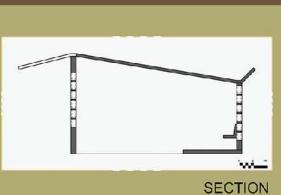
Was inspired by the structure of Thai Lanna Houses by applying to the walls, roofs and terraces to develop the structure, shapes and composition in the design of this work



### LAYOUT



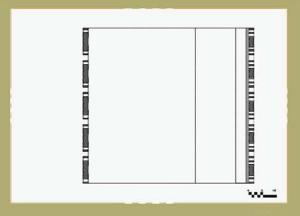












PLAN

# Day and Night

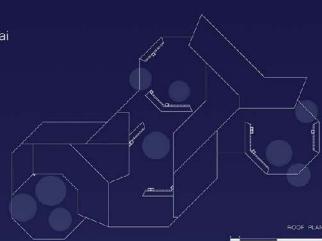
**Bright and safe** 

# concept

EO lantern is one of the lanna lanterns which are used for decoration in Chiang Mai houses. accoding to their beliefs, it gives them a good life and prosperity

# **Function**

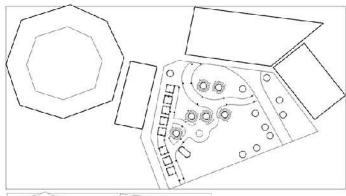
lighting on night seat for waitting for purple cars and friends this public space work was designed based on Chiang Mai custom, set on central CMU aea. octagonal shape of lantern from was uesed to be the main element for design ... it respond to ues for waiting for car in the rush hours and setting light on night

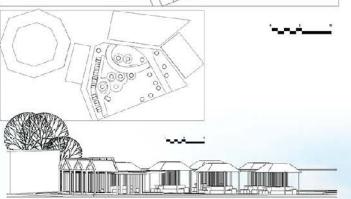






# COMPLY WITH ARCH





### CONCEPT

Public space for students and staffs of Chiang Mai University to accommodate people for shopping at the store. Sitting and reading space uses the truth of the material to represent the vernacular of Chiang Mai. The idea comes from the access to the area of the activity area that has a lot of people all the time. A public space design to promote various activities of people to solve problems of the area such as insufficient public seating or have no shelter for rain when it rains and use the space to benefit.



The pathway around the tree arises from human contexts.



Curves give a feeling of relaxation when combined with the surrounding area.



Apply native materials to the environment and climate.



# **BOS ANG**

### CONCEPT

The Bo Sang umbrella is one of the living lifestyles of the sankamphaeng villagers in Chiang Mai. It is a craft that takes time from the villagers became an umbrella. Which is intended to decorate so beautifully until the Rom bo Sang festival

It was created to appreciate the umbrella and join activities with the locals we bring an umbrella to design a public space in front of the dining aormorchor hall, which is intended to be. the joint activities of several groups and the activities of the University.

### DETAIL

structure - Metal , Glass

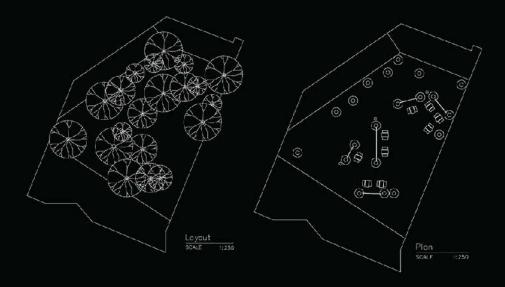
**USER** 08.00 - 12.00 PM



12.01 - 16.00 PM



16.01 - 00.00 AM

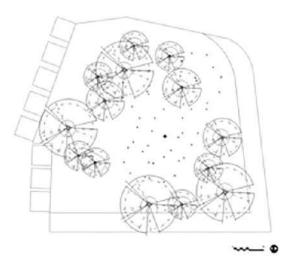


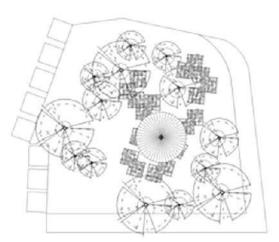




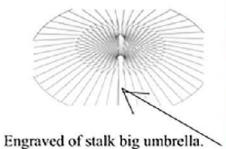
### Concept

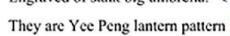
From education about Lanna's symbol. We are discoveridentity style of Lanna umbrella and raise color of surrounding context into design.















Color of umbrellas are reference from around environment it make Step of Lanna umbrellas are feel like have dimension. Increases space way of wind and light.





#### Bamboo

bamboo wall by cut in half of bamboo and switch bamboo between outer side and inner



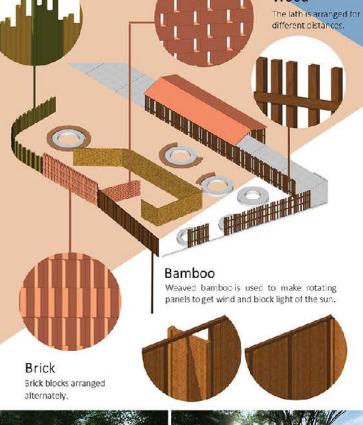
Brick blocks are laid apart so that the light can reach.

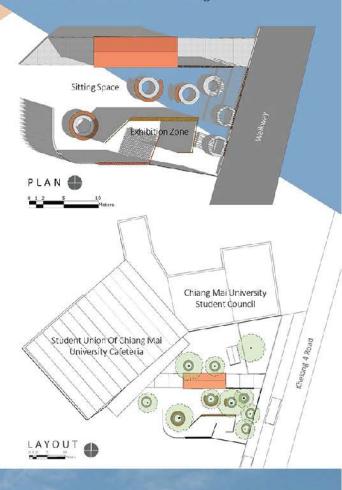


# LOCAL EXHIBITION

### CONCEPT

Bringing local materials to create space for exhibition area of fine arts students. The wall uses local materials arranged in various ways to be attractive and charming.



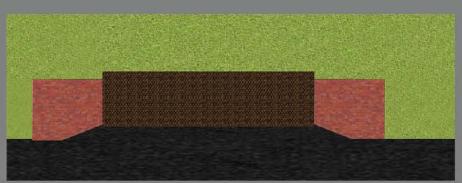


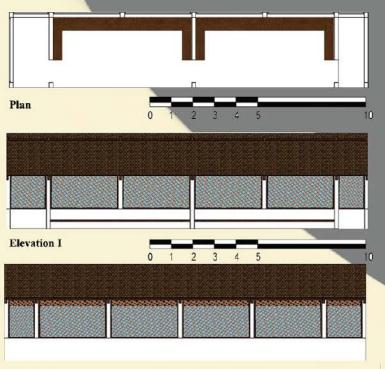




### Concept

From the analysis site at the Purple bus stop and observed the behavior of the student and people of the surrounding area. Have seen the problem in the area that user insufficient used. Then we have renovate to expend the usage area and add more funtionality to those who come into use. The design is insprued by WAT Ton Kwain the old temple of Chiangmai, which is used as a shelter of procession and uses natural materials to meet the environment.







### Elevation II

# 0 1 2 3 4 5 10

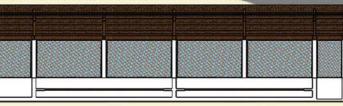
Locker - This function is for athlete or student who can keep their luggege when they go

Locker - This function is for athlete or student who can keep their luggege when they go somewhere and don't want to take them.







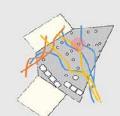


Elevation III

Elevation IV

Section

CONCEPT



TAH TORN YORN

This area was a center of connection point. It was connected to another spot such as purple car stop, student of Chiang Mai university activity building (ormorchor), and female dormitory. Then, it's make people walking quite fast around in this area because it is an open area, there is no relaxing spots or objects to make people stop or walking slower.

There is on tree that always drop it's yellow seeds

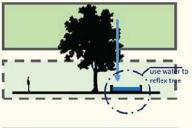


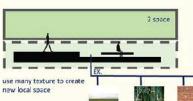
Groups of users around this area is students and most of activities was eating or reading at ormorchor.











Concept came from looking at user's walking behavior in the area. Then we get an idea about "Tah Torn Yorn" that's mean slowing lifestyle of people in the past . So we created a new public space to make people slow down their movement a little. Then, we using the environment, tree shade, nature, materials, and creating new relaxing spot for supporting the activities in area.

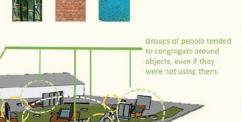
# PROGRAM

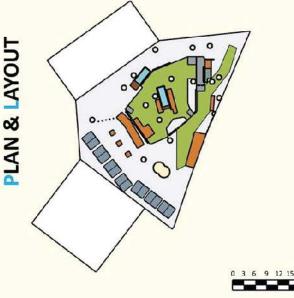






The activities that happened are going to be relax, reading a book, and talking







Detail







Yellow seeds of tree will make this place beautiful



for making it is not looking too dens, on the other hand using bamboo can make it feel like something local.









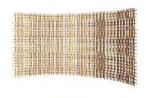


CREATED BY: YEARS ARCHITECTURE STUDENTS

### **CONCEPTUAL DESIGN**

The additional seats for eating because 7:00 to 09:00 and 11:00 to 13:00 this period, there is not enough space to use. So, we will make the space for eating and sitting around the tree. We weaved the bamboo to created privacy of space for users. The patterns of the facade developed from a pattern of Khantoke (Lanno tray that made by rattan), in terms of layout, it is from the shape of Khantoke to match the context of the area. Furthermore shade of tree can protect the sunlight.





The weaved bamboo pattern developed from Kantoke



ELEVATION 1





The consistants of the table are from shape of Khantoke to match the context of the area



ELEVATION 1

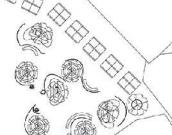


Chair

Table



ELEVATION 1





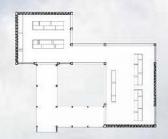


ELEVATION 1



# SQUARE

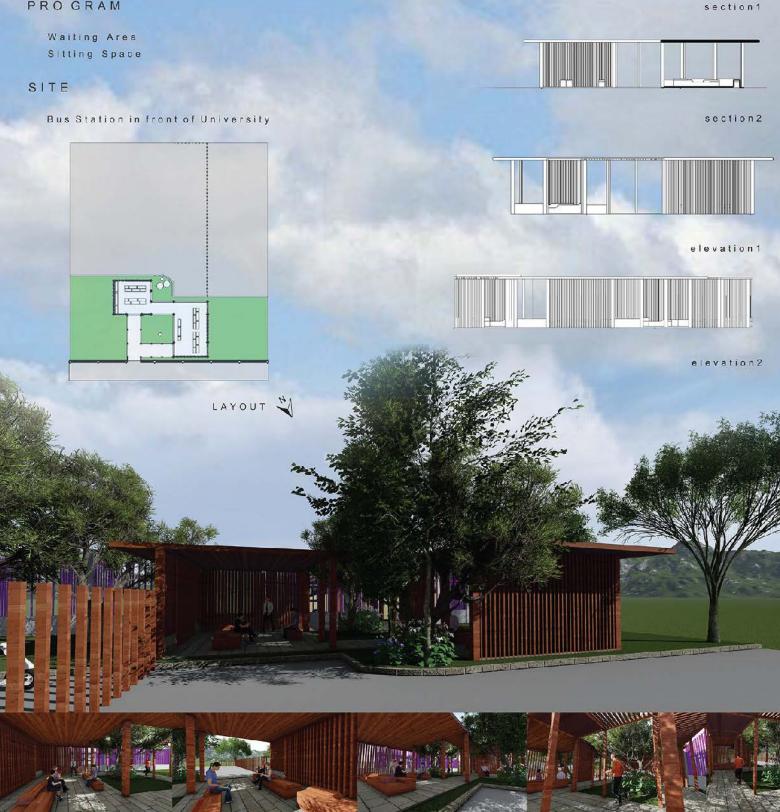
Is a public space design. Which is a combination of localization and modernity The building is designed in a geometric style to show a more modern shape, but the building uses wood to blend in with the surrounding area and has increased the use of local materials such as bamboo in Building decoration Battens to cover the eyes in the food area and also creates a space around the trees that occur to preserve the natural.



PLAN



PRO GRAM





°36 Khompad

#### concept

Inspired by Khom-phad Lamp, which is a clear northern lamp that tells the stories from the shadows. After studying the shape of Khom-phad Lamp, we found that its shape can be an interesting space.

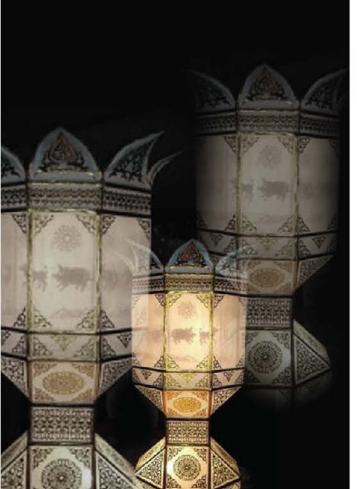
Therefore bring to create an area of substance that is an art installation to decorate the area to attract people to and service people in that area as well





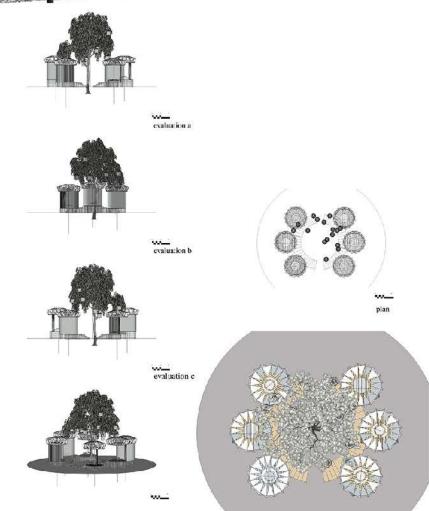














# CONCEPT

Inspired by the way of life of people that come together at the Chiang Mai University organization to eat. Do various activities Or meeting together Therefore, it is compared to the nature of bees that gather together to make an activity more efficient. Therefore, creating space for people who want to gather or do various activities In front of the Chiang Mai University organization









# SITE

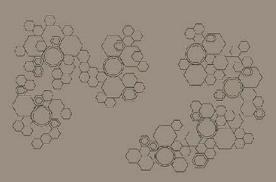


Chiang Mai University Organization

# LAYOUT



PLAN



# ELEVATION



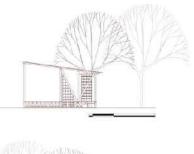
# ELEVATION II





**ELEVATION** 

**MATERIAL: WOOD** 



# CONCEPT

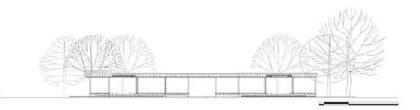
The true native is the people. People are creating a cultural lifestyle combining the countryside Building a house with wood is a way of life in the local area. Therefore, building a public building as a bus station, the building is constructed from timber and building structures, it has a rustic odor Buildings are viewed around the site area. The wind is fully blown through and sunlight



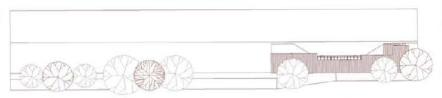












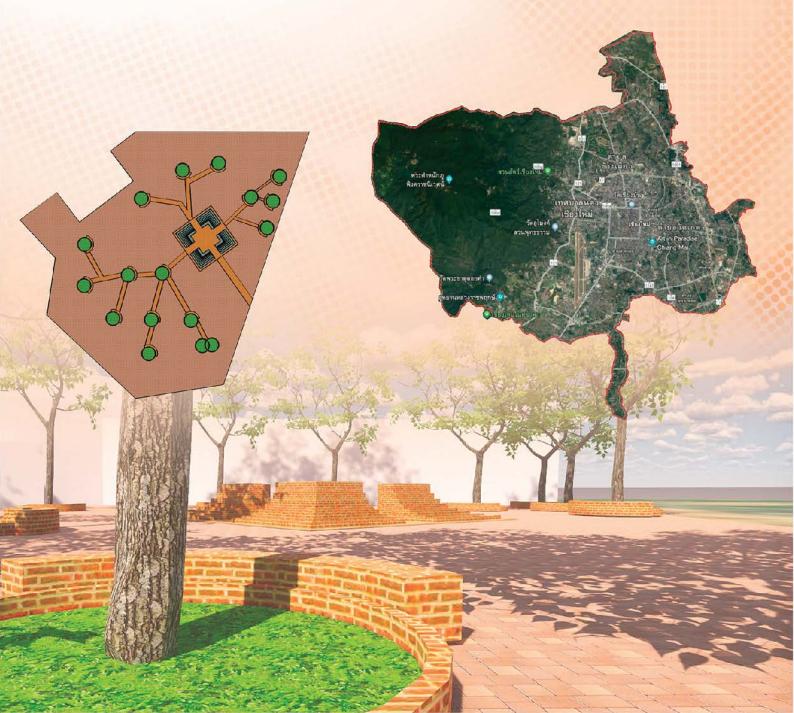


# MINIBUS

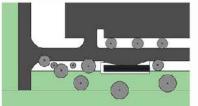


The concept is inspired from the integration of 16 districts heading to the central of Chaingmai. The disign is made up of variety of shapes of Chaingmai nature and surroundings.

The identity of physical geography of Chaingmai is used to create a space, representing the feeling of unity through lines and shapes of geometry, and so this work piece is happened.t

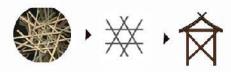






AT CHIANG MAI UNIVERSITY

# TRANSFORM



ELEVATION

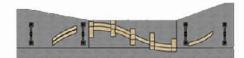


# CHALEAW

### CONCEPT

This CMU bus parking inspired by Balief and wiscom called TALAEO by being used as a component in this architecture. Combined with the shape that is responsive to the space for waiting for buses and runners, it is the contemporary architecture like Chiang Mai.

PLAN





TALAEO or CHALAEO is a type of weaving machine made from bamboo. Come together in a hexagram Which is the belief of the ancients and is a symbol of promise to make damaging or myeterious things that are a bad thing or another omen, as well as various disasters Does not obtain in homes or communities, including houses, buildings, and Important places will be used in coronomies related to rice and used as a symbol to protect spirits, ghosts and other exit things, often placed in the middle of the rice fields or on the walls of the house.

### ROOF









Architecture for multipurpose activities of Chiang Mai University students and people in surrounding context. There is a waiting space for going to the next location and a wide open space to change the feelings of people enteringthe outleing.

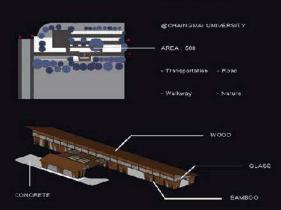
The design commines Lanna with local houses listing whocen materials, the shape of "Horkum" (Lanna erchitecture in Chiang Rai province) and adapted to the local

# MOODA - LANA





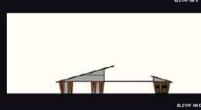
#### SITE ANALYSIS

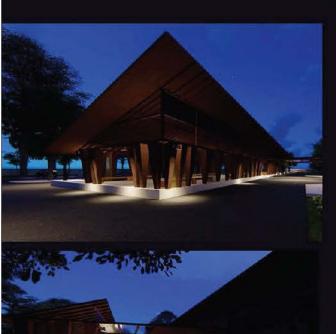


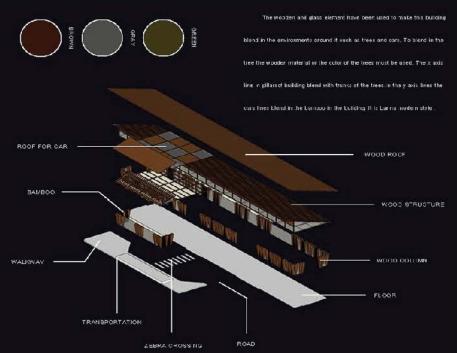














# **KHANTOKE**

The main canteen of Chaing Mai University is the center of Chiang Mai University scholars and personnel that sells many kinds of food along with Northern Thai cuisine.

Approximately with Northern Thai people lifestyle that uses Khantoke which is a kind of wooden utensil in Northern Thailand to gather around people mutually.

Khantoke is using to collocate various cuisines that are a tradition and identity of Northern Thai. It inherited from Thai local gastronomic culture

Accordingly, we use Khantoke components to creating a new public place.













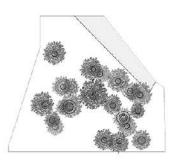


SITE
The main canteen of Chaing Mai Univesity
Suthep, Mueang, Chiang Mai 50200



USER

The main users in this area are scholars and personnel. They usually have breakfast and lunch. Some vendors also sell goods here









As the area is a hardscape, we are hanging the trees for shedy

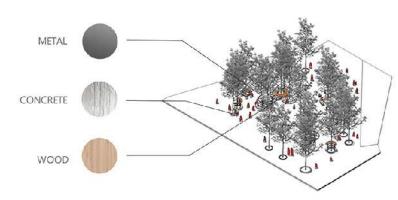
The steel frame encompassing the trees helps them from unspecified natural disasters.

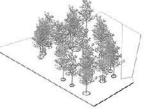
Different levels increase to enhance functionality













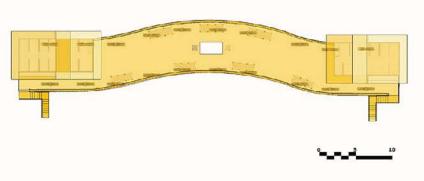
Green Area Sitting Area



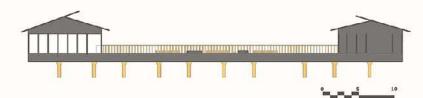
# HIGH UP

### CONCEPT

BY STUDYING THE DESIGNATED AREAS. IT IS FOUND THAT IN THE AREA THERE ARE BUSY PEOPLE DOING SPORTS ACTIVITIES AND A PARKING SPACE, BUT THERE IS NO FACILITY SUCH AS THE BATHROOM, IT OFFERS A BATHROOM WITH A SEATING AREA AND A VIEW POINT, BUT THERE IS A PROBLEM THAT THE AREA HAS A LOT OF SPACE AND HIGH TREES. WE'VE BEEN AVOIDING CUTTING TREES BY MAKING THEM SWALLOW WITH NATURE, FORMING A FREE-FROM-USE BAMBOO THAT IS THE LOCAL MATERIAL OF CHIANG MAI PROVINCE TO BUILD.







### FUNCTION



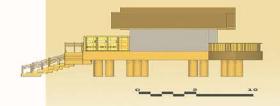


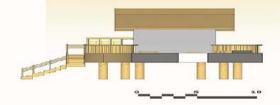




# LOCATION









# PA - USE



#### from the elevation line of the mountain.

#### PROGRAM

This area is a relatively busy area. Both public transport And pedestrians. There are also student fundraising activities that do not have a place for this activity. Therefore designed this area for the usable benefits And in accordance with the activities that occur in the area.



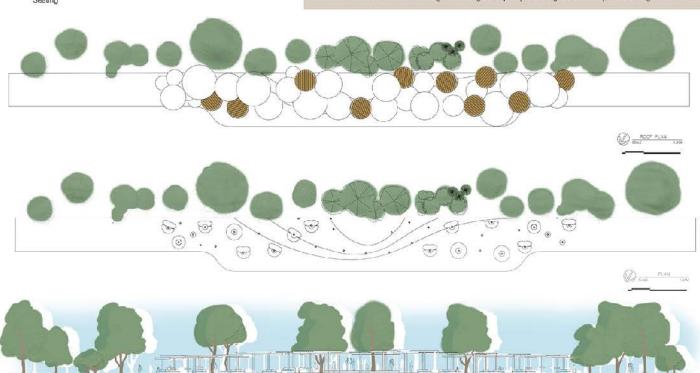






#### CONCEPTUAL DESIGN

Due to the nature of Chiang Mai, that is, the mountains, including the area around which there are many trees. Therefore, the elements of nature are used in the design according to the policy of Chiang Mai University which changed to "Green University".





The conceptual design inspired by traditional Thai fabric patterns. The fabric pattern was analyzed. The designed pattern rearranged the pattern proportion and splay to fit in the site. The pattern pulled up creating space for users



# Fabri-c-orner

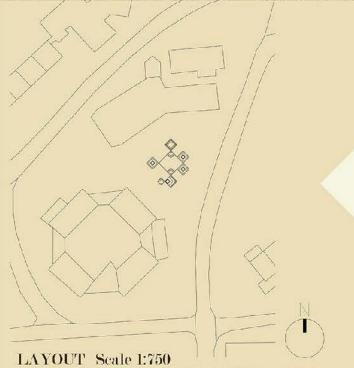
"LOCAL CREATIVE TO NEW PUBLIC PLACE"
Design By

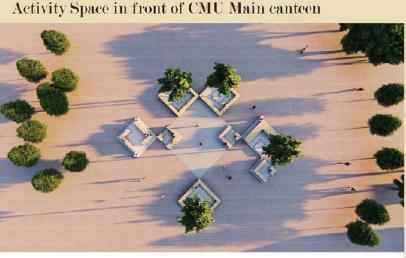
นางสาว ชาบดี เฉลิมโชควัฒนา 601710013 นาย ธฤต อรรถอรุณวงศ์ 601710032 นาย วริทธิ์ ลื้มเจริญ 601710064 นาย ลินธุ์ แสงอินทร์ 601710076

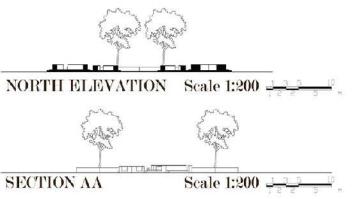
# There are 2 mains function

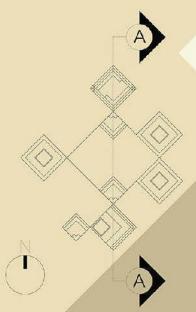
- 1 Relaxing space for resting and sitting. The seat designed to intersperse around the site. The seat provided for the customer of the market and student in this area.
- 2 Multipurpose activities area for student.

  According to the student council office located on the site, the activities area is beneficial for a student to provide various activities







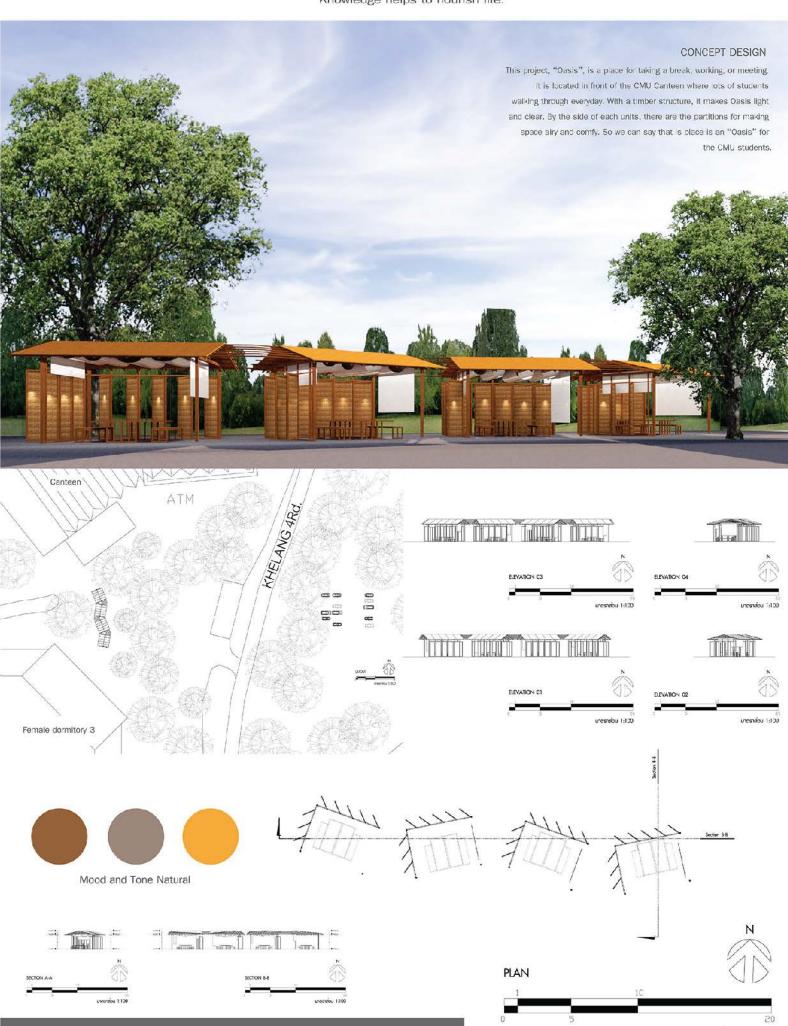


PLAN Scale 1:200



# **OAsis**

Knowledge helps to nourish life.





### CONCEPT

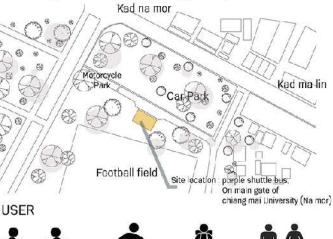
For being the connection area between the outside and inside the university. Based on the learning concept at the Chiang Mai University transit area with have many students waiting for each station.

1. Students who go to Kad Nar Mor.

Students who play sports.The functions of this design have the enough places for sitting. The design has more available seats for people placing their stuffs or eating. More ever, the design has a places for chairing their mabile phone and

free service rest rooms for male and female.

Behind the building we designed to be the grandstand for people who want to see sport. And the sporters can use this place for relaxing. The wall designed to be the players for taking picture if you want.







2nd FLOOR SCALE

1st FLOOR

SCALE

PLAN 1:250

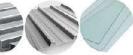
PLAN

1:250



STUDENT

MATERAIL

















ELEVATION SCALE 1:500



ELEVATION 1:500 SCALE



ELEVATION SCALE

1:500



English Skill Improvement Project for Undergraduate Student following the Policy of the Upgrade of English Language Skill Standard of Undergraduate Student Faculty of Architecture , Chiang Mai University Academic Year 2019

