

2021/08/26

# Project Plan for Lexue UI

Team CodeVibes | CodeVibes 小组  
Branch A | 分支A

The screenshot shows the Lexue UI dashboard for Beijing Institute of Technology. The top navigation bar includes the university logo and name, a search bar, and notification icons. The left sidebar contains links for Home, Dashboard (which is selected), Files, My Courses (with sub-options like Programming Methodology, Mobile App Development, Systems Architecture), Assignments, Calendar, and Campus Services (Campus card, Bus, Power, Payment Asst). The main content area features a "Dashboard" title, a "My Time Table" section showing a weekly schedule with various classes, a "Classes Today" section listing three classes (Mobile App Development, Systems Architecture, Programming Methodology) with their respective details and times, and a "My Courses" section displaying three courses (Prof. Wang's Programming Methodology at 80%, Prof. Liu's Mobile App Development at 88%, and Prof. Yong's Systems Architecture at 90%) with progress bars.

**Submitted by:** CodeVibes 小组

**Average Scores:** 苏杰: 100 | 韩非: 97 | 朱迪: 95 | 恩格: 94  
苏学星: 98 | 余柔薇: 96

# 1. Project Overview

## • Project Objective

Our main objective is to build an efficient, responsive and user-friendly User Interface (UI) for university portals: we are targeting Lexue as an example, thus the project name Lexue UI. The UI is aimed at giving every student a chance to maximize their use of a university portal thereby enhancing proficiency in their respective academic works.

In order to achieve this goal, we have outlined in this document three main steps: firstly, we will issue out a survey to students, collecting data on the constraints they face when using the present UI. Then we make use of the data when designing the UI. Finally, we will implement the design using state of the programming technologies in order to maximize efficiency.

## • Tools & Technologies

We are making use of the fundamental web programming languages: javascript, css (scss) and HTML5. Additionally, we will be using a modern javascript and css framework called Bootstrap.

SOFTWARE	DOCUMENTS
MAMP VIRTUAL SERVER	PROJECT PLAN (PDF)
VISUAL STUDIO CODE	PROJECT PRESENTATION (PPT)
MICROSOFT OFFICE	MINUTES (PDF)
CANVA	LEXUE UI (BETA)

# 2. Project Team

## • Team Structure



苏杰-1820201080  
JAWARD SESAY  
组长, 程序员



韩非-1820201078  
MUHAMMAD ASFAND  
YAR AMJAD  
项目CIO



朱迪-1820201082  
ANA J. MONTOYA  
项目协调员



苏学星-  
RICHIE SETYO SUWARDI  
程序员



恩格  
MIGUEL SIXTO  
视频创作者



余柔薇-1820201066  
JOVY ER ROU WE  
Survey协调员

## • Personnel Allocation

NAME	POSITION	RESPONSIBILITY
苏杰   JAWARD SESAY	TEAM LEADER & LEAD PROGRAMMER	MAKE PLANS, ASSIGN TASKS AND CODE WEB APPLICATION
韩非   MUHAMMAD ASFAND YAR AMDJA	CIO	SUBMIT DOCUMENTS, PREPARE MINUTES & LOGS AND RANK SCORES
朱迪   ANA J. MONTOYA	UI DESIGNER	PLAN AND DESIGN UI BASE ON SURVEY CONDUCTED
恩格   MIGUEL SIXTO	VIDEO CREATOR	CREATE TEAM AND PROJECT VIDEOS
苏学星   RICHIE SETYO SUWARDI	PROGRAMMER	CODE WEB APPLICATION
余柔薇   JOVY ER ROU WE	SURVEY COORDINATOR	BUILD AND ISSUE OUT SURVEY

## • Cooperation and Communication

To ensure unanimous workflow, weekly schedules and a score ranking mechanism will be implemented. We shall hold weekly online meetings after class as our work proceeds.

# 2. Implementation

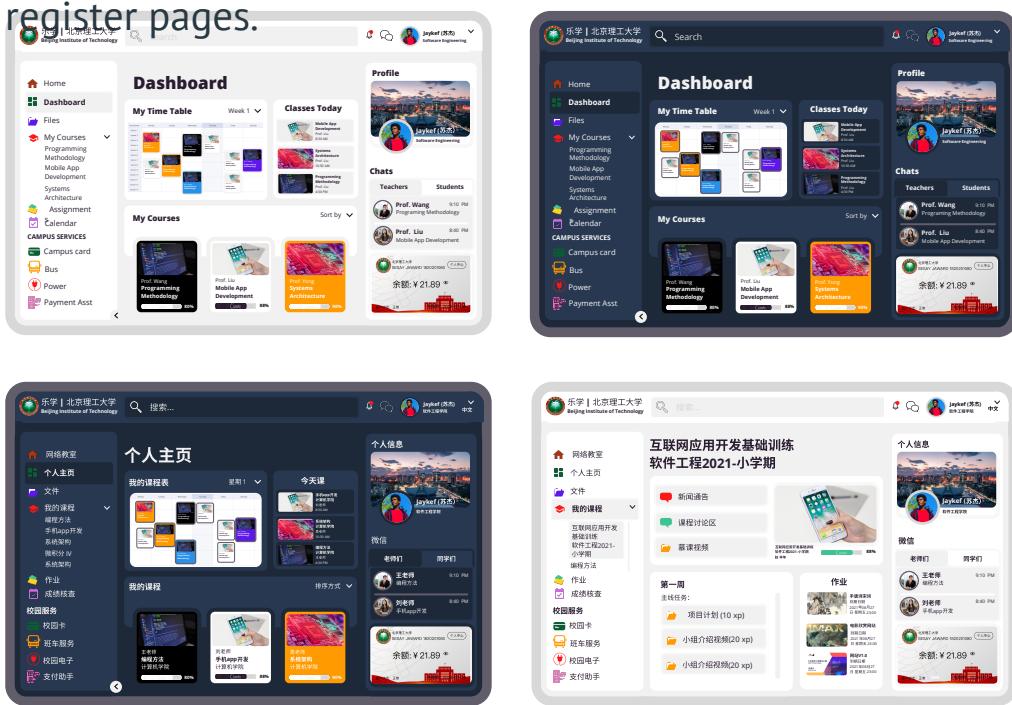
## • Meetings & Tasks Schedule

We will meet twice a week after class and complete the required tasks for each meeting.

Task	Week	Completed
1. MAKE PLANS AND ASSIGN TASKS 2. ISSUE OUT SURVEY FOR WEB PROJECT 3. COLLECT INDIVIDUAL PAGE INFO 4. PAGES UI DESIGNS	WEEK 1	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
1. DASHBOARD PAGE 2. PRODUCT HOME & HOME PAGE 3. INDIVIDUAL MEMBER PAGES 4. LOGIN & REGISTER PAGE 5. COURSE PAGE + CARD PAGE	WEEK 2	<input checked="" type="checkbox"/>
1. TEST WEB PROJECT 2. PROJECT PROMOTION VIDEO 3. SUBMISSION	WEEK 3	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>

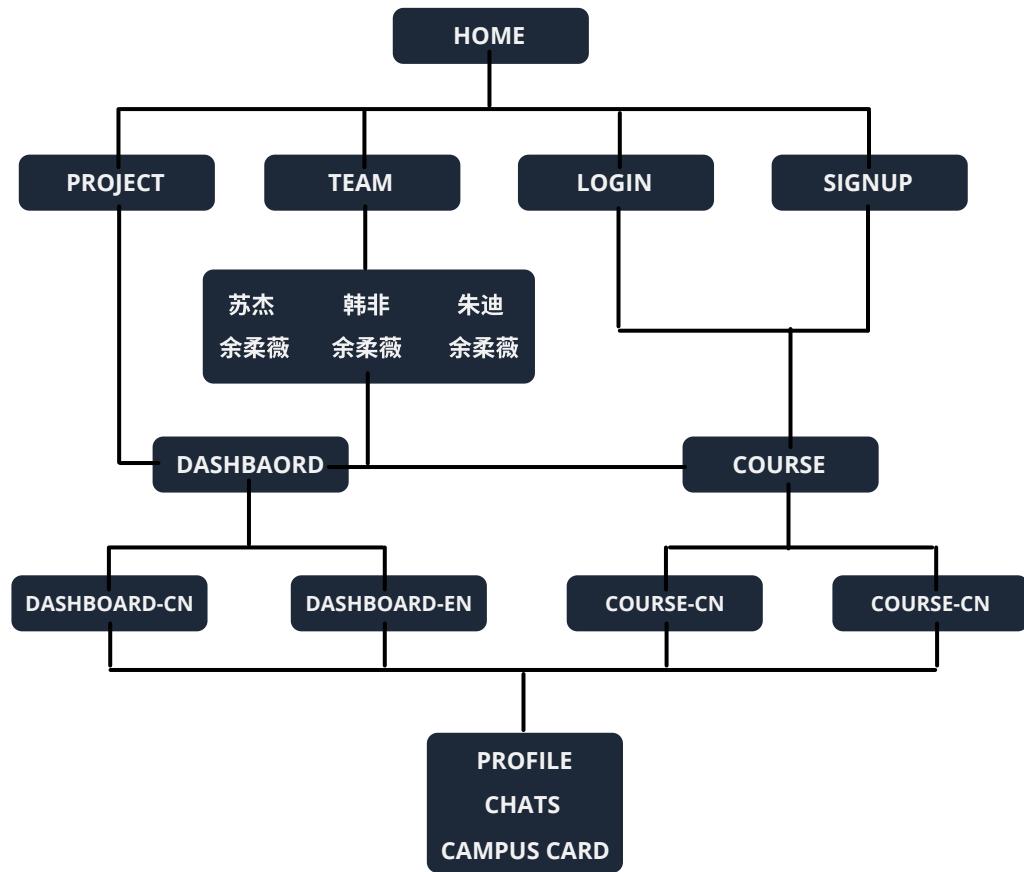
## • Web Pages & Design

A total of 20 pages: one for each member, a homepage, dashboard, course page, card page, shitang page and login register pages.

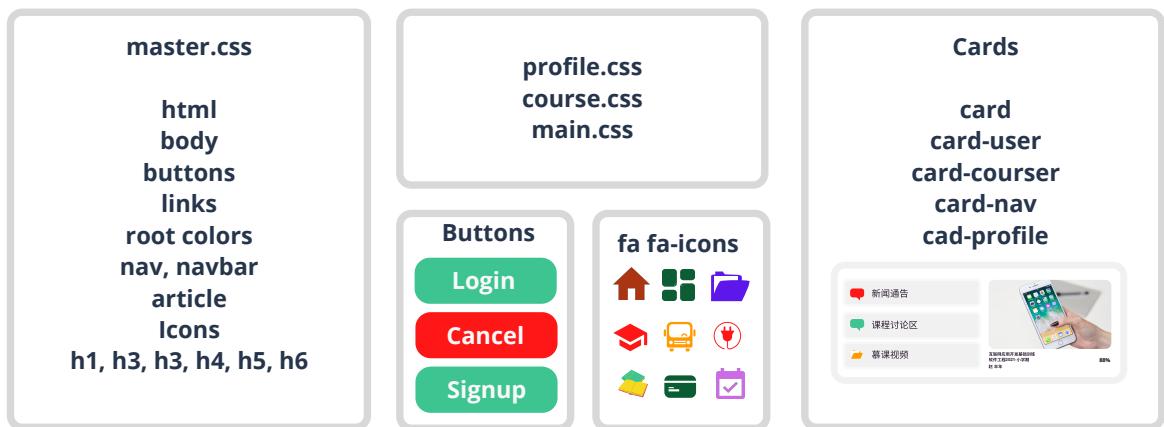


Project Team: personnel allocation, cooperation & communication

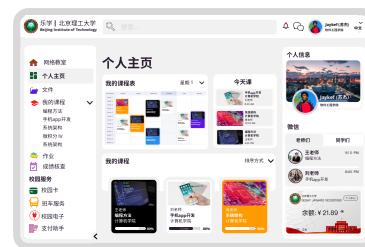
## • Sitemap



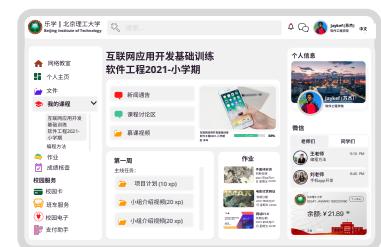
## • Design & Style Specifications



Forms (Login & Register)



Dashboard-cn



Course

Project Team: personnel allocation, cooperation & communication

# • Wireframe

1

The wireframe consists of two main components. On the left, a mobile phone screen shows a login page with fields for student ID/work ID and password, and a 'Log in' button. On the right, a desktop browser window shows a '统一身份认证' (Unified Identity Authentication) page for Beijing Institute of Technology. It features a search bar, user profile, and a large image of the university's campus. Below the image are sections for account login and password recovery.

Mobile

Login & Register

2

This section contains two wireframes. On the left, a desktop dashboard shows a sidebar with navigation links like '个人主页', '我的课程', '作业', etc., and a main area with '个人信息', '今天课', '我的课程', and '微信' sections. On the right, a mobile phone screen shows a similar 'Dashboard' interface with a 'My Time Table' section and a 'Classes Today' summary.

Dashboard

Mobile

3

This section contains two wireframes. On the left, a mobile phone screen shows a course-specific dashboard for '互联网应用开发基础训练-软件工程-2021小学期'. It includes sections for announcements, course discussion, course materials, homework, and a 'War Zone' section featuring a smartphone icon. On the right, a desktop browser window shows the same course page with additional sections for news notifications, course discussion, and慕课视频 (MOOC videos).

Mobile

Course

Project Team: personnel allocation, cooperation & communication

6

# • Wireframe continued

4

The image shows two wireframes side-by-side. On the left is a mobile phone wireframe showing a 'Profile' screen with a header for 'Beijing Institute of Technology'. It includes sections for 'Profile' (with a placeholder image and 'Jaykef (苏杰) Software Engineering'), 'Chats' (listing 'Prof. Wang' and 'Prof. Liu' with their respective messages), and '校园服务' (listing '校园卡', '班车服务', '校园电子', and '支付助手'). On the right is a desktop wireframe for a 'My Profile' page. It features a sidebar with navigation links like '个人主页', '我的课程', '作业', '成绩核查', '校园服务', and '校园卡'. The main content area displays a user's profile picture, 'About Me' (a bio), 'Education' (listing 'Software Engineering - Beijing Institute Of Technology' and 'High School - Fudan High School'), 'Skills' (Python, Java, C, etc.), and a 'WeChat' section showing recent messages from teachers and students.

# • Week 2 Completed tasks

**master.css**

- html
- body
- buttons
- links
- root colors
- nav, navbar
- article
- Icons
- h1, h3, h3, h4, h5, h6

**profile.css**  
**course.css**  
**main.css**

**Buttons**  
Login  
Cancel  
Signup



**Cards**  
card  
card-user  
card-course  
card-nav  
cad-profile



This wireframe illustrates the final state of the application. It features a header with the '乐学 | 北京理工大学' logo and a search bar. The left sidebar contains a navigation menu with links to '网络教室', '个人主页', '文件', '我的课程' (selected), '作业', '成绩核查', '校园服务', '校园卡', '班车服务', '校园电子', and '支付助手'. The main content area has a title '互联网应用开发基础训练 软件工程2021-小学期'. Below it are sections for '新闻通告' (News Announcements), '课程讨论区' (Course Discussion Forum), and '慕课视频' (MOOC Videos). A central column displays '第一周' (Week 1) assignments: '项目计划 (10 xp)', '小组介绍视频(20 xp)', and '小组介绍视频(20 xp)'. To the right is a '作业' (Assignment) section showing a task titled '手绘诗宋词' with a due date of '2021年08月27日 星期五 23:00'. The right sidebar shows a '个人信息' (Personal Information) section with a profile picture, name 'Jaykef (苏杰)', and '软件工程学院'. Below it is a '微信' (WeChat) section showing messages from '王老师' and '刘老师'.

Project Team: personnel allocation, cooperation & communication

7

# Dashboard Page

LIGHT MODE

The screenshot shows the dashboard page for a student named Jaykef (苏杰) from the Software Engineering department at Beijing Institute of Technology. The interface includes a sidebar with navigation links like Home, Dashboard, Files, My Courses, Assignment, Calendar, Campus Services, and Payment Asst. The main area features a 'Dashboard' section, 'My Time Table' showing a weekly schedule with various courses, 'Classes Today' listing three classes with their respective professors and times, and a 'My Courses' section displaying three courses with progress bars. On the right, there's a 'Profile' section with a profile picture and city skyline, and a 'Chats' section showing messages from teachers Prof. Wang, Prof. Liu, and a campus award notification.

# Course Page 中文

The screenshot shows the course page for the '互联网应用开发基础训练' course in the '软件工程2021-小学期' period. The sidebar includes links for 网络教室, 个人主页, 文件, 我的课程 (with a dropdown for the current course), 作业, 成绩核查, 校园服务, 校园卡, 班车服务, 校园电子, and 支付助手. The main content area displays course information, news announcements, discussion forums, and video resources. It also shows weekly tasks, assignments, and a WeChat communication section with messages from teachers Wang and Liu, along with a campus award notification.

# Dashboard Page 中文

# DARK MODE

This screenshot shows the Dashboard Page in Dark Mode. The interface is primarily dark blue and black. On the left, there's a sidebar with icons and text for navigating through various services like Network Classroom, Personal Home, Files, Courses, Assignments, and Campus Services. The main content area features a "Personal Home" section with a title "个人信息" (Personal Information) showing a cityscape background and a user profile for "Jaykef (苏杰)". Below this is a "Today's Classes" section listing three classes: "Mobile App Development" by Prof. Liu at 8:30 AM, "Systems Architecture" by Prof. Liu at 10:50 AM, and "Programming Methodology" by Prof. Liu at 4:30 PM. There's also a "My Courses" section with three course cards: "Prof. Wang Programming Methodology" (80%), "Prof. Liu Mobile App Development" (88%), and "Prof. Yong Systems Architecture" (90%). A "Chats" section shows messages from teachers and students, and a "Finance" section displays a balance of ¥21.89.

# Dashboard Page

This screenshot shows the Dashboard Page in Light Mode. The overall theme is white and light gray. The sidebar and main content area are identical to the Dark Mode version, featuring the same navigation, course information, and user interface elements. The "Personal Home" section, "Today's Classes" section, "My Courses" section, "Chats" section, and "Finance" section are all present and visually similar to the Dark Mode version.

# Personal Contribution Summary

## 苏杰 - 组长和程序员

I worked on the programming, design and testing of all pages created. Also wrote the project plan, presented the final project and created the project promo video while acting as the group leader.

## 余柔薇

In these three weeks, I watched the video of the course in Yanhe to learn this lesson. In the first week, I learned HTML, learned some of the functions of CSS, and completed the movie appreciation website. This week, the project started. In the second week, I continued to learn most of the CSS application through the music class video, and made the Chinese food website and the game world website. In this week, I also watched the MOOC video, and completed the project assigned by the group. In the third week, as the class was coming to an end and the project was in its closing stages, I put together a simple note of what I had learned in the course.

## 韩非

This is Han Fei. I learned more about using HTML, CSS, and JavaScript. I learned to make the interface more responsive and to set up navigation bars. Adding new icons and ons also helped me learn how to fix them on the site. As the group's CIO, I've learned to manage things, focus on the important parts and get everyone working together. 'Start learning the basics of Javascript, Css, and Bootstrap to develop a UI interface. Learned how to take notes and organize notes. Learn to write the basic structure of the website. Learn teamwork and project management. Learn new coding styles for JavaScript, Css, and HTML. Learn the interface design. Working to fix bugs in your code.

# Personal Contribution Summary

朱迪

I'm Judy.

In HTML, I learned the basics of structure tags, heading structures, and body structures.

The CSS language is responsible for formatting all pairing pages, that is, everything related to color, font, size, and so on. All of this can be done with CSS.

Java Script is a complex programming language that includes syntax, event selectors, and external libraries.

Another thing I like about HTML5 is audio and video, player programming, formatting, attributes.

# Warzone Status Posts

The screenshot shows a forum interface with several posts from the 'CodeVibes小组' group. The posts are as follows:

- Re: 回复: Re: 回复: Re: CodeVibes小组** by 赵丰年 - 星期六, 11 九月 2021, 1:19 下午  
设计没什么问题，注意一些拼写错误，比如“北理食堂死”（应该是四），“必须课”（应该是必修课）等。另外，所有的课程信息最好是真实的，不要出现两门互联网应用开发基础训练，以及“勇老师”这种情况。  
[PERMALINK](#) [SHOW PARENT](#) [REPLY](#) [EXPORT TO PORTFOLIO](#)
- Re: 回复: Re: 回复: Re: CodeVibes小组** by 韩非 - 星期日, 12 九月 2021, 11:19 上午  
谢谢老师，我们将尽最大努力解决您告诉我们的问题并加以改进。  
[PERMALINK](#) [SHOW PARENT](#) [REPLY](#) [EXPORT TO PORTFOLIO](#)
- Re: 回复: Re: 回复: Re: CodeVibes小组** by 韩非 - 星期日, 12 九月 2021, 1:45 下午  
[PERMALINK](#) [SHOW PARENT](#) [REPLY](#) [EXPORT TO PORTFOLIO](#)
- Re: CodeVibes小组** by 韩非 - 星期一, 30 八月 2021, 10:02 上午  
2021/08/27;  
开始制作视频和团队成员的自我介绍和电影欣赏网站和唐诗宋词。  
[PERMALINK](#) [SHOW PARENT](#) [REPLY](#) [EXPORT TO PORTFOLIO](#)
- Re: CodeVibes小组** by 韩非 - 星期一, 30 八月 2021, 10:04 上午  
2021/08/28;  
根据2021/08/26召开的会议，写了所有的项目日志和会议要点。根据他们所做的努力对所有团队成员进行评分  
 Project Log and Meeting Minutes of CodesVibes小组.pdf  
[PERMALINK](#) [SHOW PARENT](#) [REPLY](#) [EXPORT TO PORTFOLIO](#)

The screenshot shows a continuation of the forum interface with more posts from the 'CodeVibes小组' group. The posts are as follows:

- Re: CodeVibes小组** by 韩非 - 星期一, 30 八月 2021, 10:04 上午  
2021/08/28;  
根据2021/08/26召开的会议，写了所有的项目日志和会议要点。根据他们所做的努力对所有团队成员进行评分  
 Project Log and Meeting Minutes of CodesVibes小组.pdf  
[PERMALINK](#) [SHOW PARENT](#) [REPLY](#) [EXPORT TO PORTFOLIO](#)
- Re: CodeVibes小组** by 韩非 - 星期一, 30 八月 2021, 10:06 上午  
2021/08/29;  
运行并完成网站检查后。  
完成并提交网站。  
 CodeVibes小组.zip  
[PERMALINK](#) [SHOW PARENT](#) [REPLY](#) [EXPORT TO PORTFOLIO](#)
- 回复: Re: 回复: Re: CodeVibes小组** by 赵丰年 - 星期六, 11 九月 2021, 1:19 下午  
设计没什么问题，注意一些拼写错误，比如“北理食堂死”（应该是四），“必须课”（应该是必修课）等。另外，所有的课程信息最好是真实的，不要出现两门互联网应用开发基础训练，以及“勇老师”这种情况。  
[PERMALINK](#) [SHOW PARENT](#) [REPLY](#)
- Re: 回复: Re: 回复: Re: CodeVibes小组** by 韩非 - 星期日, 12 九月 2021, 11:19 上午  
谢谢老师，我们将尽最大努力解决您告诉我们的问题并加以改进。  
[PERMALINK](#) [SHOW PARENT](#) [REPLY](#) [EXPORT TO PORTFOLIO](#)
- Re: 回复: Re: 回复: Re: CodeVibes小组** by 韩非 - 星期日, 12 九月 2021, 1:45 下午  
[PERMALINK](#) [SHOW PARENT](#) [REPLY](#)

The screenshot shows a Moodle assignment submission page for the course '互联网应用开发基础训练-秋工2021'. The submission details are as follows:

- Grade**: 10.00 / 10.00
- Graded on**: 星期一, 30 八月 2021, 6:55 下午
- Graded by**: 赵丰年
- Feedback comments**: excellent logs with good evidence and structure, but where are the meeting minutes?

The screenshot shows a mobile application interface for a university dashboard. At the top, there is a header with the logo of Beijing Institute of Technology (乐学 | 北京理工大学) and a search bar. Below the header is a navigation menu on the left side with the following items:

- Home
- Dashboard** (selected)
- Files
- My Courses (with a dropdown menu showing: Programming Methodology, Mobile App Development, Systems Architecture)
- Assignments
- Calendar

**CAMPUS SERVICES**

- Campus card
- Bus
- Power
- Payment Asst

The main content area is titled "Dashboard". It features several cards:

- My Time Table**: A weekly calendar showing classes for Week 1. Classes listed include "Putong Chinese", "Putong English", "Putong Programming", "Putong Programming", "Putong Programming", "Putong Programming", "Putong Programming", and "Putong Programming".
- Classes Today**: Shows three classes for today: "Mobile App Development" by Prof. Liu at 8:30 AM, "Systems Architecture" by Prof. Liu at 10:50 AM, and "Programming Methodology" by Prof. Liu at 4:30 PM.
- My Courses**: Shows three courses with progress bars:
  - Prof. Wang - Programming Methodology (80% completion)
  - Prof. Liu - Mobile App Development (88% completion)
  - Prof. Yong - Systems Architecture (90% completion)

On the right side, there are sections for "Profile" (with a profile picture of a person), "Chats" (with a "Teachers" section showing icons for Prof. Wang, Prof. Liu, and Prof. Yong), and a "SESAY J" section with a red progress bar.

**Submitted by:** CodeVibes 小组

**Members:** Jaward Sesay (苏杰), Muhammad Asfand Yar Amjad (韩非)  
Ana J. Montoya (朱迪), Miguel Sixto (恩格),  
Richie Setyo Suwardi (苏学星), Jovy Er Rou We (余柔薇)