**Workshop1:**

**Github link:** <https://github.com/CP3407>

**Group members:**

Li Zhipeng

Jiang zhonghao

Zhang yiwen

**Workshop2：**

### ****Target Users****

**Leo** (Domestic student, Liberal Arts major)  
**Needs**: Lily needs quick access to information about orientation events, academic resources, and interactive activity recommendations to help integrate into campus life.

**William** (International student, Science major)  
**Needs**: Zachary needs multilingual support (Chinese and English), data privacy protection, and detailed information about academic resources and orientation activities.

**River** (Domestic student, Arts major)  
**Needs**: Wendy is interested in creative and artsy interactive activities, and needs recommendations that can help her connect with others who share similar interests.

**Sky** (Domestic student, Business major)  
**Needs**: Leo wants to know about team-building activities and orientation events, and would like personalized suggestions to improve his teamwork skills and integrate better into the campus.

### ****Functional Requirements****

#### ****1. Information Support****

* **Description**: The chatbot should respond to students' questions about the orientation schedule, events, academic resources, and other essential information.
* **User Stories**:

**Title**: Answer orientation event questions  
**As**: Leo  
**I want**: The chatbot to provide information about orientation events  
**So that**: Students can quickly find out the event schedule and details  
**Estimation**: 8 days

**Title**: Provide academic resource information  
**As**: William  
**I want**: The chatbot to provide information about academic resources and course schedules  
**So that**: Students can access the academic information I need  
**Estimation**: 7 days

#### ****2. Interactive Activity Suggestions****

* **Description**: The chatbot should recommend activities based on student interests to promote socialization and campus integration.
* **User Stories**:

**Title**: Recommend team-building activities  
**As**: Sky  
**I want**: The chatbot to suggest team-building games and activities  
**So that**: Students can connect with others and work effectively in groups  
**Estimation**: 5 days

**Title**: Recommend activities based on interests  
**As**: River  
**I want**: The chatbot to recommend activities related to my interests (arts)  
**So that**: Students can connect with other like-minded students  
**Estimation**: 5 days

#### ****3. Data Privacy and Multilingual Support****

* **Description**: The chatbot must protect student data and provide multilingual support to accommodate international students.
* **User Stories**:

**Title**: Ensure data privacy  
**As**: William  
**I want**: Modify to allow login via Google, Facebook, or Twitter and multilingual support   
**So that**: Students can use the chatbot with peace of mind.  
**Estimation**: 4 days

**Title**: Provide multilingual support  
**As**: William  
**I want**: The chatbot to support Multilingual  
**So that**: Students can understand the information provided in my native language  
**Estimation**: 6 days

#### ****4. Feedback Collection****

* **Description**: The chatbot should collect feedback on its performance and use it to improve future versions and the orientation program.
* **User Stories**:

**Title**: Collect user feedback  
**As**: Leo  
**I want**: To provide feedback on the chatbot's performance  
**So that**: The chatbot can improve and provide a better experience in future  
**Estimation**: 5 week

### ****Feature Development Time Estimation****

1. **Information Support Feature**: 15 days
2. **Interactive Activity Recommendation Feature**: 15 days
3. **Data Privacy and Multilingual Support**: 15 days
4. **Feedback Collection Feature**: 5 days

### ****Total Development Time Estimation****

* **Total Development Time**: 50 days

### ****Activity One: Prioritization and Iteration Planning****

#### ****Iteration 1 (Weeks 1-2) - Core Functionalities****

1. **Answer orientation event questions (8 days)**
2. **Provide academic resource information (7 days)**
3. **Ensure data privacy (4 days)**

#### ****Iteration 2 (Weeks 3-4) - Enhancing Engagement****

1. **Recommend team-building activities (5 days)**
2. **Recommend activities based on interests (5 days)**
3. **Provide multilingual support (6 days)**

#### ****Iteration 3 (Weeks 5-7) - Continuous Improvement****

1. **Collect user feedback (5 weeks)**

### ****Activity Two: Implementing One User Story****

To start, let's implement **"Answer orientation event questions"** since it's crucial for helping students navigate orientation.