

07

## Minutes of the group Meeting

Team 05

Yiwei Zhang, Lei Jin, Shuchen Wu, Yen You Chew

Tuesday 29th March 2022

Note taking for the meeting:

Shuchen Wu

### 1 Time and Place

The group meeting for the Master of Computing & Innovation Group Project was held online at 9:00 pm on Tuesday 29th March 2022.

### 2 Business Plan & Draft Plan

#### 2.1 Tasks assignment for each person

Business case (Shuchen Wu)

- Exclusive summary
- Project motivation - user pain point analyst
- Project Overview & Scope
- Benefit
- Project Goal - expected outcome within the semester
- Extension - both tech and function

Draft Plan

- Project schedule & Tasks Breakdown for milestone 1 (Lei Jin)
- Role of the team (Yan You Chew)
- Communication plan (Yan You Chew)
- Risk management (Yiwei Zhang)
- Quality control (Yan You Chew)

#### 2.2 Brainstorm risks

- Technology : The database used in the system cannot process as many transactions per second as expected. Reusable software components contain defects that mean they cannot be reused as planned. (medium - low)
- People: ill (High)(Tolerable)
- Requirement: change the requirement, misunderstanding (medium)
- Estimation: Can not deliver what we promise (high). There is not enough data to support our result. (medium) (serious)

#### 2.3 Task breakdown

- Background research: Client pain point analyst, Functionality design, Market research, Design website logo, UI & UX design, Mern stack study
- Data analyst: Count the number of courses from the data, Gathering the dependency from the provided course
- Front and Back end

Front end: Home, course relationship input, output, login pages

Back end: Login API, Add courses, delete courses API, Output API

- Database: Establish MongoDB public server, load data into database

#### 2.4 Quality control (problem + solution)

- Code quality: rules for the code
- Function quality control: deliver on time. Comprehensive test cases to make sure the function has no bugs. (Functional testing, unit testing)

- User experience: Guarantee comfortable interactive logic flow. (Usability testing)

### **3 Programming goal for week 5**

Function: login page

Front end: Yen You, Athena

Database: Alvin

API: Yiwei