

## **Formal Meeting 1 on the 17 October 2018 13:00-14:00**

Participants: Paul Dempster (supervisor/client)

Team 15 : Denis Stepanov, Melanie Cheong, Mingda Liu, Tianhao Li, Yiming Chen,  
Masrur Sobirov

Absentees: None

### **1. Introduction**

Brief introduction and review of the bid. Supervisor commented on too ambitious ideas which are out of scope. Advises us to break down the ideas and get the core down first before going on with implementation.

### **2. User stories**

The client

- noticed the gap in the market about a lack of a system that can create the routes automatically rather than manually by a expert and came up with the idea of an app that manages the routes of a gym.
- Android? Web app? Needs it to be a mobile app for convenience
- Want it to be like google searching but for routes instead
- Can scroll through the lists of routes and select interested one
- Can view the comments and the highlights of the routes of interest
- Can give feedback and ratings after climbing trial
- Can suggest removing or adding a new handhold to the route based on his experience
- Can see the possible routes of one handhold

### **3. Important questions asked**

- A need for promotion of the system online through website?  
Not really the purpose.
- Actually make changes in the wall?  
Out of scope for this level of degree project. Consider the wall with the handholds to be fixed. However, can consider the gym changing their boulder walls maybe once a year and the implications of the admin to manage/update their walls.
- Use WeChat as interface?  
Other technical platforms are also available.

#### 4. Focus points of specifications

[Specification Point 1] User accounts for each user:

- to create, find, add, modify, delete and rate a route
- to view, leave, edit comments or give feedback – needs a threading system or generic one? Who is going to manage the comments/feedbacks?

[Specification Point 5 & 6] 3D model of the bouldering wall and automated routes finding system using AI algorithms would be out of scope for this project

[Specification Point 8] Voice instructions through earphones are not appropriate.

#### 5. New ideas:

- Achievement awards for climbing challenges.  
(record time taken for each route in minutes, hours, days or weeks)

#### 6. Action points

- Make an agenda for the next meeting so that each participant talks/asks about one topic.
- Make use cases of the ideas in the specification. Order them by priority and feasibility.
- Think about the risk management of the ideas.