

## Weekly Update

Group Name/number: Group 1

Date of update (this will always be a Tuesday): 2020.03.20

### What our group has done since last week:

#### 1. Leading & Decision Making:

##### 1.1 Labor Division:

In this week, we finished all tasks about our web page and deployment of flask. Everyone reviewed knowledge of flask and gave some constructive suggestions on the deployment of flask. In addition, everyone completed tasks on overleaf report. During this week, we started to prepare the project proposal and had a discussion about this.

##### 1.2 Team Development:

During this week, we reviewed knowledge of flask and read the introduction of PyCharm. We knew how to use PyCharm to deploy flask in our project. We read this week's PPT and discussed how to prepare a proposal. Furthermore, we searched the knowledge needed in the overleaf report which are RACI Matrix, production background, etc. and communicate with each other.

##### 1.3 Communication and Cooperation:

1. We keep our traditions about paying more attention on discussion and communication. The regular conference-call on Wednesday makes us more efficient and find out problems instantly. Firstly, we reviewed the progress of last week and started to discuss task completion. Secondly, we discussed some problems encountered by the members of the group in the work time and how we can solve them. Finally, we had a clear mission objective.

##### 1.4 Document Generation:

- (1) Weekly Update(X1)
- (2) Project proposal(X1)
- (3) Overleaf Report Development

#### 2. Code

##### 2.1 Front-end Frame Building

This week, the front-end framework has been basically finished and debugged to make it perfect.

##### 2.2 Server deployment

We have completed the basic access of the server. We will learn and be up on more operations in the later weeks.

### 2.3 Mobile terminal

We deployed our front-end code on both Android and IOS. We still need to debug it in the later week.

## **3. Design**

### 3.1 Front-end development design:

We have finished the first version of the overall front-end development design. We will continue to improve the process and logic of the first version of development, tweaking and enriching it in a number of ways to make the hierarchy of the web page better.

### 3.2 Mobile deployment design:

The deployment of android and IOS has been solved on the plan, and the specific implementation will be carried out in the middle and later stages.

## **4. Knowledge Preparation**

### (1) Yuxiang Yao, UCD No.17205995:

I reviewed the some knowledge about Flask WTFForms and SQLite. Furthermore I master how to deploy our websites on Server by learning Linux

### (2) Zigen Li, UCD No. 17205998:

I reviewed some knowledge about how to set the environment of FLask and how to set up forms in Flask. I also prepared some knowledge about validation.

### (3) Qitong Yuan, UCD No.17205993:

I reviewed some Flask knowledge. In addition, I searched more text information on pet website and learned their web page merits in order to improve our website

### (4) Yang Yang, UCD No.17206038:

I learned about FLASK framework and how to use the relevant IDE. Prepare for the development that is about to begin.

### (5) Siyang Hu, UCD No.17205964:

I learned how to use PyCharm as my python IDE. I reviewed knowledge of flask. I learned how to use flask in project.

### (6) Huakai Xi UCD No.16206704:

I learned about PyCharm and Flask to enrich our project, At the same time, I learned something about Python.

2.	<p><b>Questions, issues?</b></p> <p>1. ISSUE</p> <p>1.1 <u>Technology Issue:</u></p> <p>(1) We met some logical and grammatical problems during the deployment of flask</p> <p>(2) What is the structure of project proposal?</p> <p>1.2 <u>File Issue:</u> The dislocation of images in Latex results in the structural damage of the whole overleaf report.</p> <p><b>HAD WE SOLVED THEM OR NOT?</b></p> <p>YES, we had solved these by the help from teacher assistants and our discussion. Meanwhile, we searched the related information on the internet as well.</p> <p>2. QUESTIONS:</p> <p>2.1 <u>Document Questions:</u> How should we arrange the structure of our project proposal so that teachers can understand our project clearly?</p>
3.	<p><b>We would like feedback on...</b></p> <p>1. <u>Document Feedback:</u></p> <p>How well we do in our "Project proposal", "Work packages", "Gantt Chart" and this "Weekly Update"? How can we improve it make it better to get better grades? For what we have written on the overleaf, is there anything any advice for us to make if better?</p> <p>2. <u>Cooperation Mode:</u></p> <p>For the current cooperation mode of our group, is there anything that needs to be improved? Do you think we need to improve our "Team Agreements"? How about our way of weekly meeting?</p>
4.	<p><b>What we plan to do this week:</b></p> <p>1. Document Generation:</p> <p>1.1 "Weekly Update Week5"</p> <p>1.2 "Project proposal"</p> <p>1.3 "Problem Description" on overleaf.</p> <p>2. Product Generation:</p> <p>2.1 Putting the web pages that we have built before into the flask framework and debugging.</p> <p>2.2 Deploying the front-end code on Android and IOS and debugging</p>