

Executive Summary

Project Overview

HanDIYcraft is an application on both web and Android mobile, that guides users ideas of making DIY (Do It Yourself) stuffs. This application provides several tutorials for users to learn. In addition, they also be able to make tutorials on their own and can follow other bloggers' artworks. However, in case the users do not have the needed materials and have no idea where to buy, this application provides a feature to let the users check out the shops that sell related materials for making their DIY artworks. There will be shops' details including their location provided for the user. The location feature can be done via Google Maps API. On the other hand, the users that registered as a shop can create their own shops by themselves. They have to provide their information, such as name, address, telephone number, details, pictures and the shops' location. Apart from just exploring the shops' information, the users can also directly communicate with the shopkeepers by sending private messages.

We separated the users into three types, visitors, bloggers, and shopkeepers. The visitors are the people who do not sign up to be a member of our system. They will only be able to explore tutorials. For the bloggers, they can create and share tutorials to the system. And shopkeepers, they will provide their shops detail and let bloggers to check them out, in order to attract more customers.

Progress I

Tasks we did and the problems and mistakes

There are six main features in our system, authorization management, tutorial management, shop management, map management, communication management and notification management. On the first progress, we have completed the first two features on both web and mobile application. Everything goes well except one function. The video can be uploaded to be a part of a tutorial detail, but the problem is it can not be shown just yet.

However, we have done six documents, which are project plan, SRS, SDD, test plan, test record, and traceability record. We use GitHub as our repository and the mistake we have made is we did not update our work there regularly.

Plan for the next progress

What we will do next is developing three more features, shop management, map management and communication management. Not only the coding, but also documentation will be worked on too. We will update our documents to be in version two according to our project plan.

Progress II

Tasks we did and the problems and mistakes

There are six main features in our system, authorization management, tutorial management, shop management, map management, communication management and notification management. In the previous progress, we have completed the first two features and solved all problems that had been obstructed. In this progress, we have done shop management for mobile and communication management. Nevertheless, we have some changes requested. Since the coding has become more complex, we could not finish shop management on web and map management on time, due to time management problem. Therefore, we decided to do those features in the next progress instead.

However, we have done six documents, which are project plan, SRS, SDD, test plan, test record, and traceability record. We use GitHub as our repository and the mistake we have made is we did not update our work there regularly.

Plan for the next progress

What we will do next is developing three more features, shop management for web, map management and notification management. Not only the coding, but also documentation will be worked on too. We will update our documents to be in version three according to our project plan.

Final Progress

Tasks we did and the problems and mistakes

There are six main features in our system, authorization management, tutorial management, shop management, map management, communication management and notification management. In the previous progress, we have completed authorization management, tutorial management, shop management, communication management, and solved all problems that had been obstructed. In this progress, we have done map and notification management. Nevertheless, we have some changes requested. Since the coding has become more complex, we could not finish shop, map, communication, and notification management on web on time, due to our time management. Therefore, we decided to remove those features out. In either way, the user will still be able to use those features on mobile application.

However, we have done six documents, which are project plan, SRS, SDD, test plan, test record, and traceability record. We use GitHub as our repository and update our work there regularly.