**The Chiang Mai Red Taxi Service Assistant**

**Executive Summary**

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**Document History**

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**Pattama Longkanee**

**Executive Summary**

A change has been made to what we originally proposed in the Project Proposal released on 18 March 2014 and this change is as follows:

1. We developed the Administrator webpage without using the Yii framework, because the framework was not really necessary in our implementation and all functionalities could be implemented by us. We would like to focus more on the Android development aspect and Google Maps instead.

According to the Project Plan document, the deliverables plan of“The Chiang Mai Red Taxi Service Assistant” application is defined as follows:

|  |  |  |
| --- | --- | --- |
| **Schedule** | | **Status** |
| Progress 1 | Feature #1 An Android application for Passenger (6URSs)  Feature #2 An Android application for Driver (6 URSs)  Feature #3 Administrator System(8URSs) | Completed |
| Progress 2 | Feature #4 Adding more functions in the Android application for both Passenger and Driver side (9 URSs) | To be completed bythe end of September- Progress report II submission |

The following are the features and URSs that have been completed in this progress:

**Progress I**

In this progress, we have followed the Incremental Delivery Process Model to develop our project andwehavefocused onthemain features of the Android application Passenger-Driver Side and Administrator web system, which include the functions as follows:

Feature #1An Android application for Passenger (6 URSs):

URS-01 Passenger can register to the system

URS-02 Passenger can login to the system

URS-03 Passenger can logout of the system

URS-04 Passenger can search for taxi

URS-05 Passenger can send request for taxi

URS-06 Passenger can chat with driver

Feature #2An Android application for Driver (6 URSs):

URS-07 Driver can register into the system

URS-08 Driver can login to the system

URS-09 Driver can logout from the system

URS-10 Driver can update driving information

URS-11 Driver can respond to passenger’s request

URS-012 Driver can chat with passenger

Feature #3The Administrator’sSystem (8 URSs):

URS-013 Administrator can login to the Administration system

URS-14 Administrator can logout

URS-15 Administrator can add destinations

URS-16 Administrator can browse the destination

URS-17 Administrator can edit destinations

URS-18 Administrator can delete destinations

URS-19 Administrator can search destinations

URS-20 Administrator can clear data

We have completed the main features of the Android application for the Passenger-Driver Side and Administrator’s Web System. The Unit Testing and System Testing of the main features of the Android application for the Passenger-Driver side and Administrator’s Web System has also been 90 % completed, some need to be improved. However, we still need to improve our test plan, test record and our user interface.

**Questions & Answers**

1. Q: Chatting – Is it safe to use? Is it violating any laws?

A: We will improve this by hiding the chat function from plain view perhapsproviding a button or option menu for them to manually select it, instead of redirecting the user directly to the chat room page. This way, the users would have an option to use the chat function and not be forced to use it. Subsequently, the Driver can choose to use this function when they are not driving.

1. Q: What if there are lots of passenger & drivers? How much traffic are you expecting the server to deal with?

A: We will store some of the information in temporary cache and in the future, if time permits we could improve our server system to make it more efficient than this.

**Suggestions from teacher & things that need to be improved:**

1.User interface for passenger & driver mobile application – make it easier more user-friendly&more attractive. For Driver, less interaction.

2.improve Database design – Combine the table that can mix them together. Check the redundancy.

3.Improve document. Readability diagram.