

Test Plan Document

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Introduction

Function Points

In order to evaluate the cost of the project we have to identify the function points and estimate the complexity of each one.

Internal Logic File : users (guest, taxidriver and passenger), ride, sharedride, taxiqueue

External Interface File : gps coordinates, map service

External Input : login, logout, request, reserve, delete, reserve shared accept call, refuse call, report, taxi available, taxi not available, change settings

External Output : message (eta, no taxi message)

External Inquiry : see profile, see active ride list

2.1 Complexity and cost evaluation

2.1.1 Internal Logic File

According to our previous specification (explained in RASD and DD documents) users and ride have to store few information, for these we can adopt the simple cost weight, while sharedride and taxiqueue have to store a dynamic list, that require more attention, so we adopt a medium cost weight.

2.1.2 External Interface File

The interaction with gps coordinates and the map service is very simple, because we needs few information from them, so we adopt a simple weight for both of External Internal Files.

2.1.3 External Input

2.1.4 External Output

Sending eta requires to access the map service that calculate ,by his own , the needed value, so we adopt a simple cost weight for message.

2.1.5 External Inquiry

See the profile requires only to send some fields saved in the current user, for this External Inquiry we adopt a simple cost weight, while the active ride list requires to scan the ridehistory and check its status (actived or not), we adopt a medium cost weight for this.

COCOMO II

Schedule and resources allocation

Risk evaluation