1^ graph

System Stub

Google Maps

Taxi Driver Manager

Customer Manager

Customer Client

Taxi Driver Client

SysAdmin Client

See the second page…

2^ Graph

Reservation Manager

Test Data

System Manager

Google Maps

Payment Services

Maps Manager

Queue Manager

|  |  |
| --- | --- |
| **Test Procedure Identifier** | TP1 |
| **Purpose** | This test procedure verifies whether the System Manager:  • can handle command-line input by SysAdmin Client  • can handle GUI input by SysAdmin Client  • can handle customer input transmitted via Customer Manager  • can handle taxi driver input transmitted via Taxi Driver Manager  • can output requested information to a customer via Customer Manager  • can output requested information to a taxi driver via Taxi Driver Manager |
| **Procedure Steps** | Execute 13T1 after I13T1 |

|  |  |
| --- | --- |
| **Test Procedure Identifier** | TP2 |
| **Purpose** | This test procedure verifies whether the Customer Client software:  • can handle input (mobile Application User Interface)  • can handle input (web app User Interface)  • can output requested information to the Customer Manager and then to the System Manager  • can output information to the Client Manager and then to the System Manager |
| **Procedure Steps** | Execute I5T1 after I4T1 |

|  |  |
| --- | --- |
| **Test Procedure Identifier** | TP3 |
| **Purpose** | Purpose This test procedure verifies whether the Taxi Driver Client software:  • can handle input (taxi driver User Interface)  • can output requested information to the Taxi Driver Manager and then to the System Manager  • can output information to the Taxi Driver Manager and then to the System Manager |
| **Procedure Steps** | Execute I7T1 after I6T1 |

\*\*\* REMEMBER GUI IN PAR \*\*

Note that integration testing is usually very hard to perform in **big enterprise projects**, such *myTaxiService*. As in our case, there are more alternatives for the plan. **Classes coupling** and **functional dependencies** can often cause problems in the integration phase. Anyway, we adopted **different ad-hoc strategies** in order to obtain better results. See next paragraphs for detailed information about our integration test plan.