Testing

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1. Introduction

The success or failure of a project can stem from the testing. If you don't test your application/software/hardware properly, it can spell disaster. That's why you need to test extensively.

2. Testing

There were two types of testing done for this application. They will be spoken of in turn, independently.

Regression

Regression testing is the process of writing some code, and then testing it as you go. For example, in this project, when the code was written to add data into one table, that was testing along with all existing functions to make sure they did not interfere with each other. This was repeated for each new function added to the application.

BrowserStack

BrowserStack is an online application that emulates different operating systems (e.g. Windows, iOS, Linux) and devices (desktops, laptops, different models of mobiles phones ranging from iPhones, Android and Windows phones). This was done to test the layout on mobile devices, to see if buttons and the font was big enough to interact with and read. If not, the design was changed accordingly. This was also done to see if this application would be suitable for use on a desktop/laptop environment, in the sight that a manager who was in the office of the Taxi business could use to add bookings easily. It was found that it is doable if they so desired.

User Testing

The application was given to friends and relatives of those involved in the project and asked them how easy it was to navigate/use the application. Their feedback was noted and then discussed, to see how we could change the application accordingly to make it as easy to use as possible. Simplicity was key since drivers would be using this application on the go.

3. Conclusion

Extensive testing of the application was carried out throughout the entire project.

4. Revision History

Name	Date	Reason
Christopher Kelly	03/02/15	Document Creation