

# Evaluation

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## 1. Introduction

Creating this application was not easy, there were problems and issues encountered along the way. But with each one, we faced it head on and dealt with each one as it came.

## 2. Problems faced

Our task was to continue the development of this application, previously worked on by another group. There was very little to go on, but we knew that the most important task was to code the application to connect with the backend database. But we tried our best to mimic the old application as closely as possible and I think we succeeded, and not only that but we added more features that the old application didn't have.

Another challenge was to take all the features designed specifically for iOS and adapting them to the new Android platform, such as the nature of buttons, styles and features.

## 3. Revised Application

The new application, programmed for Android, is completed as far as the essential requirements go. Not only this, but two out of three desired features have also been implemented. Not only this, but a new database was created for the application. These two communicated flawlessly and worked in sync with each other.

## 4. What we achieved

We achieved in creating a working Android application to support a growing Taxi Business. They are able to manage bookings via the application as well as on a web platform.

## 5. Further Development

There is one feature there was not time to implement, and that was a Customer/Manager view of the application. At the moment, it is mostly steered towards Drivers and Managers. There are some features starting to be more for customers but it wasn't fully implemented. Coding this feature could well have been done if there was more time given.

One more improvement could be the expansion of a feature already implemented. When a driver logs out, their Active field in the database changes to "0", but this could be extended to make it so it changes to "2" or another other than "1" when they are currently on a job. The application currently does not do that, and it would be a good feature for it to have.

## 6. Conclusion

In conclusion, even with limited time, we feel we have made a decent application for this Taxi Business.

But the beauty with this application is that it can be viewed as a web application as well as an Android application downloadable from the App Store (once it is uploaded however). It was not uploaded to the App Store ahead of time by the project group because this cost money which they couldn't afford.

## 7. Revision History

Name	Date	Reason
Christopher Kelly	23/02/15	Document Creation