

Design and Requirements

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1. Introduction

As previously stated, we chose to start the application from scratch. This means that we need to think about the design of the application and what we want the application to be able to do. When starting the application from scratch, the first thing we aimed to do was to get the new application to mimic the old one exactly so we had a starting point. After this, then we could discuss what changes needed to be made and then program them in.

2. Layout/Design

The first group did a good job in the layout of the application and thinking about what features they wanted the application to have. We decided to keep the layout of the application and do our best to duplicate the current features before moving on to our own list of requirements, with only some minor changes

One of those minor changes would be the aesthetic design of the application. They chose a rather harsh background of yellow, which would be too bright for a taxi driver using this application at nighttime. So, we will first change the colour to one less bright but this gave us another idea. We also had the idea of making two different themes that can be toggled on and off: a Day Mode and a Night Mode.

3. Requirements/Features

Requirements:

Here is a list of requirements the application must meet:

- Application must connect with the backend database.
- Must be able to add and view data in the database.

Features:

Here is a list of features that we wish the application to have along side those that are required:

- Availability modifier for drivers
- Cost calculator for journeys
- Calendar page lists annual leave for drivers

We wanted to keep the application relatively simple since the idea was that drivers would operate this in their taxicabs on the go.

4. Conclusion

With a clear list of features, the key of all being to connect the application to the database, with some optional desirable functions, a plan of action is taking form. We will first try to connect the application to the database. Only after this will we move on to the desirable features.

5. Revision History

Name	Date	Reason
Christopher Kelly	12/01/15	Document Creation