

Delivery Mobile App

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# Planning and Design

## Mission Statement

The ultimate aim is to build an application that allows drivers to inform their customers of delivery times and routes and confirm deliveries. Therefore, the final abstract for the project is outlined as:

“To design and build an application that allows our customers to track their deliveries so that they may avoid   
waiting home for parcels.”

## Target Audience

The demographic for the project can be broken down into two different groups. The first is drivers who wish to confirm deliveries and update route and time information. The second is for customers who wish to track deliveries coming to their home:

|  |  |
| --- | --- |
| Drivers | Customers |
| Advise the customer of the route they are taking and update the progress of their consignment | See where the driver is at a current point in time via an online map |
| Confirm a delivery has been made and record the condition of the item upon delivery | View delivery information and confirm where they are in the drivers roster along with a deliver time |
| Have a visually appealing design that is also user friendly | |
| To be open, welcoming and usable to as many people as possible including those with disability | |

## Requirements Analysis

Now we have a definition of what the users will be doing with their respective systems we can start building up an exact specification for what exactly needs to be done. From the analysis of the guidelines provided to us, we can ascertain that the requirements for the project are:

* Must be accessible and conform to modern standards
* Must conform to standard and advanced globalization
* Must be usable and work multi-browser
* Must be clean, professional, yet themed
* Must be easy to navigate and have a clean, crisp feel for easy reading
* Must contain measures for dyslexic, dyspraxia, epileptic, low sight, colour-blindness and full blindness user to be able to use the system
* Must be responsive and allow for use on multiple devices
* Must be mobile friendly and built with a mobile-first approach
* Use the mobile camera to confirm the condition of the item upon delivery
* Record and scan QR codes and barcodes so items can be recorded easily
* Show a list of addresses to visit that get removed as items are scanned
* Show a google map and add a pin relative to the location of the driver
* Show information to the customer upon login the detail of their item