

# Requirement Document

## Project Constraints:

### Time Constraints:

We need the software to be ready for beta test demo by 10<sup>th</sup> February 2017.

### Design and Implementation constraints:

Build a non-trivial piece of software, this software being developed must run across all android devices. The software will have a mobile front-end, a server backend and will interact with some kind of data source.

## Functional Requirement:

### Primary:

- Allows you to enter your postcode or any postcode and see what restaurants are available near you
- Divides restaurants based on cuisine type
- Allows you to see reviews from other users
- Allows you to rate the restaurant
- You can save your favourite restaurants
- Can see how far each restaurant is away from you
- Able to see the menu of the restaurant

### Secondary:

- Add random feature, which generates a restaurant for you if you can't choose
- Allows you to select food per your preference (halal, vegetarian, vegan etc.)
- Shows you all the discounts that are available near you
- Allows you create meal plans for restaurants selected

## Usability Requirement:

### Primary:

- All the options are clear and easy to find
- Help page supporting those stuck using the application
- Simple layout
- Consistent house style

### Secondary:

- Video demo of how to use the application for users
- Settings page allowing you to change colour of background per preference