# Design Specifications

Drivers.

* Drivers need to be able to sign up new clients and update client’s meal and personal information. This needs to be mobile friendly.
* When a driver updates or changes anything, an admin needs to be notified of the changes. The admin then checks the changes (authentication).
* Drivers have set clients they deliver to, but the system needs to be able to handle substitute drivers should the usual driver be unavailable.
* Deliveries are made between 11:15 – 12:00pm. Deliveries are made Mon – Sat, however usually only around 100 meals are delivered on Saturday (some people get 2).
* Different workloads for volunteer and paid drivers. Volunteers around 8-10 meals, paid around 15-20. Need checks to ensure volunteers are not overburdened/paid staff under.
* Designated frozen driver? Possibly Tuesday afternoon.
* Driver needs to be able to indicate a meal was delivered, also on mobile.

Database.

* The database needs to be able to produce a list of customers, with basic information along with their 4 digit customer ID, delivery status (active, not active), and in-house status.
* This list needs to be exportable to excel (CSV?).
* The list needs search/filter functions where the admin can list customers by key fields (suburb, street etc).
* Reports/analytics?

Front-end.

* The site needs a webpage where a customer can sign up. Meal and personal details are recorded.
* The customer also needs somewhere they can update their details (profile page?), as well as their meals. Admin needs to be notified when any customers’ information is updated. Meals can only be updated before 10am of the day they would be delivered.
* The admin also needs a way to sign people up/edit details.
* Different types of users require different permissions/views of the webpage. Admin, customer, driver, chef.
* Tablet/phone viewable list of meals required. This list needs to be notified if any changes happen to the number of meals required, and update in real time.