As per our drawn design several features can be implemented to create a booking system for restaurants. Each of these features are on their own select page. These pages consist of the home page, registration (customer and restaurant owner), account summary page and the booking page for the restaurant.

Home page

* Search Bar

The user will search the desired suburb or the desired restaurant they would like to find using the search bar. Which one of these will be controlled by a dropdown list (explained below) next to the search bar. A request will be sent by the client to the server for restaurants or suburbs that are near the users specified options. The server will then return either the nearest restaurants based on location or will return the restaurants of that type based on the type the user enters.

Client: restaurant location or restaurant type.

Server: information regarding the restaurant selected. This would include location, name, pictures and reviews/rating.

-Drop down filter

The user will be allowed to select from whether they are entering a location or a cuisine type into the search bar (controlled by the drop down). This allows the user to apply a filter on the specific type restaurant that is returned by the server to select their booking.

Client: filter type

Server: (included above)

-Buttons

The homepage will contain buttons that will direct the user to different pages (e.g registration). There may potentially be a button for the search bar as well to allow the users to search without just using the enter key. The search button would send the typed in information from the client to the server.

Client: home/SpecifiedPage

Server: retrieves specified page associated with the button pressed.

-Scrolling

As shown in the drawn design the homepage will scroll, the bottom of the home page will host a variety of buttons with links to other pages to allow the users to navigate the website.

Search and book usage

1. User selects filter
2. User types in information
3. User searches for what they would like
4. Redirected to a booking page for that restaurant

Button usage

Users upon entering the home page will have the option to select the button that appear in front of them immediately or to scroll down the page to select other buttons or links contained in the footer