Requirements

* The database system must provide a AJAX layer to facilitate handling of asynchronous query calls to assist web development
* The database system must assign user roles to users in database to prevent security breaches
* The database system must handle all query calls within 1000ms
* The database system must provide customized API calls for easy Android developer access.
* The database system must provide customized API calls for easy Windows developer access.
* The database system must store appropriate data types to handle API calls requests.
* The database system must handle user authentication from own platform
* The database system must handle user authentication from Facebook
* The database system must handle user authentication from Walmart?
* The database system must follow a “flattened hierarchy” design (Firebase NOSQL requirement)
* The database system must handle one-way and two-way relationships through denormilization
* The database system must store user Taste-Profile
* The database system must track users favorite recipes
* The database must allow users to search for internally saved recipes
* The database must store user information and keep information private
* The database must receive and store fitbit data
* The database must store health information of user
* The database must keep track of orders users place

**Functional Requirements**

* *Data Validation Checks*: RegExp filtering, check data matches type that we are expecting in that field (Email field with no @ symbol must be alerted correctly to the system)