4. Design Rational

- importing data from an online source consistent with the format of the application

- multiple widgets working in tandem with each other

- handling the database

- configuring use cases that require overhead (alerts)

- may have to trade design and good quality of life features for simplicity and consistency

- learning curve variance between group members

- Deciding on which application building tool to use

5. High Level Design

a. The V-Menu is an application that tablet, and I-phone users can use to order food on the go our in the restaurant at their own convenience. Clients will be able to grab data from the website of a restaurant near their location and the server will process their information to provide the requested service.

6. Detailed Design

7. Assumptions and Risks

Assumptions:

- Once we know the initial interface, additional pages will be easier to implement

- Programming the interface is easy to execute

- All necessary features will be implemented successfully

- Potential for profit

- Owner signs up for operation account to get their menu up and running

Risks:

- Chance that learning the new languages will slow down progress

- Databases may not work as intended

- Maybe too much detail is given in the interface

- May need to remove features previously planned / prioritization

- Output might not be deterministic