**Requirements**

Requirement #: 1 Use Case #: 1 Name of the Use Case: User registers account

Introduction: The user is just beginning on the webpage and has certain requirements to complete to gain access to all products on the webpage.

Rationale: This requirement allows the system to verify who is accessing the webpage and who to send information to.

Input: User inputs their username, email, date of birth, and creates password

Requirement description: A welcome to the new webpage for a person who is interested into trying for their grocery shopping experience

Output: After registering on webpage an email is sent with further instructions to confirm the account or notifies the user if they do not meet the criteria for registering. All information is stored to identify each user.

Test Cases: TBD

Requirement #: 2 Use Case #: 2 Name of the Use Case: User Logs In

Introduction: A user is already finished setting up their account and is ready to access what they need for grocery shopping starting from the homepage.

Rationale: This requirement is so that the system can differentiate between each user.

Input: The user inputs their user name and password and clicks submit to redirect

Requirement Description: A way to let the database know that it is you who our signing in

Output: The database sends the user to the homepage then allows access

Test Cases: TBD

Requirement #: 3 Use Case #: 3 Name of the Use Case: Retrieve lost password

Introduction: A lot may not remember the password that they set upon registering their account, so they have the chance of remembering something simpler such as their email to gain back access

Rationale: This requirement is set so that a user won’t destroy any of the information they have inside of their account

Input: User inputs their email and is given a chance to restore their password with something that they can remember

Requirement Description: A help as there are a lot of different sites that require usernames and passwords that have different requirements

Output: They can get back into the homepage to access what they need

Test Cases: TBD

Requirement #: 4 Use Case #: 4 Name of the Use Case: Registering Location

Introduction: Since a user will have access to all products through the webpage registering location helps to set a location for each user to have it shipped to them

Rationale: This requirement is set so a user can receive anything that they need since it is online

Input: The user inputs their city, state, street, and zip code

Requirement Description: To let the system know you are a valid user

Output: User now has a current location that is updated

Test Cases: TBD

Requirement #: 5 Use Case #: 5 Name of the Use Case: User Logs Out

Introduction: No one wants to have someone else in their account to gain their credentials, so this is an easy process to make sure it is safe

Rationale: This requirement is to keep a user information only for them

Input: Click log out button on the upper right part of the page

Requirement Description: sends a signal to the system to log out a user if before 24 hours which will log out automatically

Output: Takes you to the heart of the webpage

Test Cases: TBD

Requirement #: 6 Use Case #: 6 Name of the Use Case: Select Current Location

Introduction: This is a tab inside of the webpage to help users stay up to date with where their current location is

Rationale: This requirement allows all products to be delivered to the correct place

Input: The user goes to their account page and selects current location tab to where there is a drop-down menu of registered locations to choose from, the user then clicks the current location and then submit for it to be updated

Requirement Description: set for people who have more than one home address on the account

Output: User is notified that they have set a new location for their account

Test Cases: TBD

Requirement #: 7 Use Case #: 7 Name of the Use Case: Delete a registered location

Introduction: This option is set for if a location is no longer needed to be used

Rationale: This requirement is so that a user will not be confused and can just delete it from the account

Input: Press a button on the right of the location on the listed labeled with a trash can

Requirement Description: Informs the system to remove the registered location from this user’s list of registered locations

Output: The page is reloaded to show that it has been removed from the list

Test Cases: TBD

Requirement #: 8 Use Case #: 8 Name of the Use Case: Comparing Prices

Introduction: Lets a user know what the best deal is between different locations

Rationale: This requirement is so one will know what the best decision to make for a product they wish to use

Input: The product they want in the search engine and enter

Requirement Description: Price comparisons between various local grocery stores and who likes them

Output: List of comparable prices for the product

Test Cases: TBD

Requirement #: 9 Use Case #: 9 Name of the Use Case: Comparing Distance

Introduction: Though a product may be cheaper than the next you still must factor in gas because if a product is more expensive but is closer it may be the same

Rationale: This requirement is set to give the user another option of choosing their product

Input: User goes to the homepage and clicks on “Grocers near me.”

Requirement Description: Gives you the number of miles that you must travel

Output: List the closest grocery stores that have the product available

Requirement #: 10 Use Case #: 10 Name of the Use Case: Get Directions

Introduction: A user gets guide to where they are trying to go which makes it easier

Rationale: This requirement is set so that the user knows how to get to the product

Input: Click on the name of the grocery store and you are directed to google maps

Requirement Description: Gives you directions from route 1

Output: Have directions for the desired store

Test Cases: TBD

Requirement #: 11 Use Case#: 11 Name of the Use Case: Change Password

Introduction: A user may want to pick something easier to gain access to their account or may have been hacked

Rationale: This requirement is set to give the user what they prefer

Input: User fills out three fields, one with the current password and the other two fields being the new password then confirming the new password

Requirement Description: checks to see if you meet password requirements before granting a user with a new password

Output: The system will update the current account password to the new password

Test Cases: TBD

Requirement #: 12 Use Case #: 12 Name of the Use Case: User changes email address

Introduction: Same as changing password just a little more difficult with it being an email because an email verifies the account

Rationale: This requirement gives the user access to their preferences

Input: User fills out two fields, one being the current password and one being the new email address before confirmation

Requirement Description: checks password to verify that they have the authority to perform this action

Output: System is updated to use the new email address and user is notified

Test Cases: TBD

Requirement #: 13 Use Case #: 13 Name of the Use Case: Add Product to Favorites

Introduction: Everyone has something that they like the most over others, so favorites can be stored

Rationale: This requirement is for users to gain a product faster that they are most interested in

Input: User wish to bookmark so they click star icon

Requirement Description: helps the user for future references when they visit the product page

Output: sends a message to the database to add that product to that user’s favorite list

Test Cases: TBD

Requirement #: 14 Use Case #: 14 Name of the Use Case: View Favorites

Introduction: User gets to see what they like most in one section

Rationale: This requirement is for users to have their favorite products in order

Input: on the account page user clicks on ‘favorites list’ link

Requirement Description: An option available on the page is to view your favorite list which contains product

Output: The user can view their favorite items

Test Cases: TBD

Requirement #: 15 Use Case #: 15 Name of the Use Case: Remove items from favorite

Introduction: A way to delete a product that is no longer valued

Rationale: This requirement is for users to keep their favorite list correct

Input: clicking on a small button to the right of the item in the list

Requirement Description: An option available next to the items in the list to delete if no longer wanted

Output: sends a message to the database to remove the item from the favorites list, when this is done it will inform the user of its success and then refresh the page to reflect the updated information.