The following documentation was written by artesh100:

| Criteria | Details |
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| Application Name | InstaList |
| Application Description | Our application/website is a grocery list organizer. It would allow users to import recipes of their own either, manually or automatically, in which the website would automatically sort each individual ingredient into their respective food groups. The site would also allow users to register and login to their own account in order to store their recipes/grocery lists. A key component of the site would be a web scraping feature that would allow users to input a URL of a recipe that they found online which would then be imported into our website and sorted.<br><br>The website would also allow users to manage and edit their profiles through premade profile pictures, editing username, and password. |
| Vision Statement | For Grocery Store Shoppers<br>Who want to organize and effectively find all the items on their shopping list. InstaList is a recipe hub and list organizer that will help users by giving them convenient access to all of their recipes confined into one place, as well as allow more ease while creating a shopping list Unlike InstaCart, our product will allow for full customization of the list organizer, allowing users to align their list so that it matches their individual shopping needs |

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| Version Control | GitHub |
| Development Method | Our team will be using agile to organize and structure our development. We will have all team members collaborate, while also working semi-independently to complete a specific task. The ultimate goal is for each member to complete one task that will band together to achieve the final goal of the project. |
| Communication Plan | Our team will communicate mainly through Discord for issues that require less communication, such as reminders, clarification of different roles, and general questions/requests.<br><br>We will also meet via Zoom to tackle larger issues that require more communication, such as finishing labs, creating UML Diagrams, dividing work, etc. This will also be the communication method for weekly standups. |

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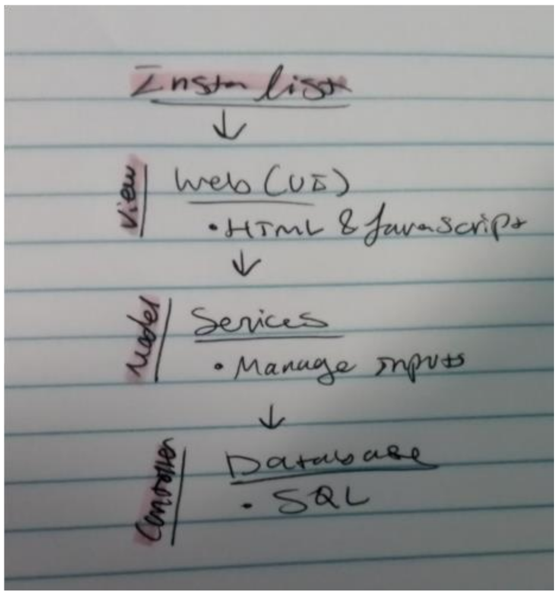
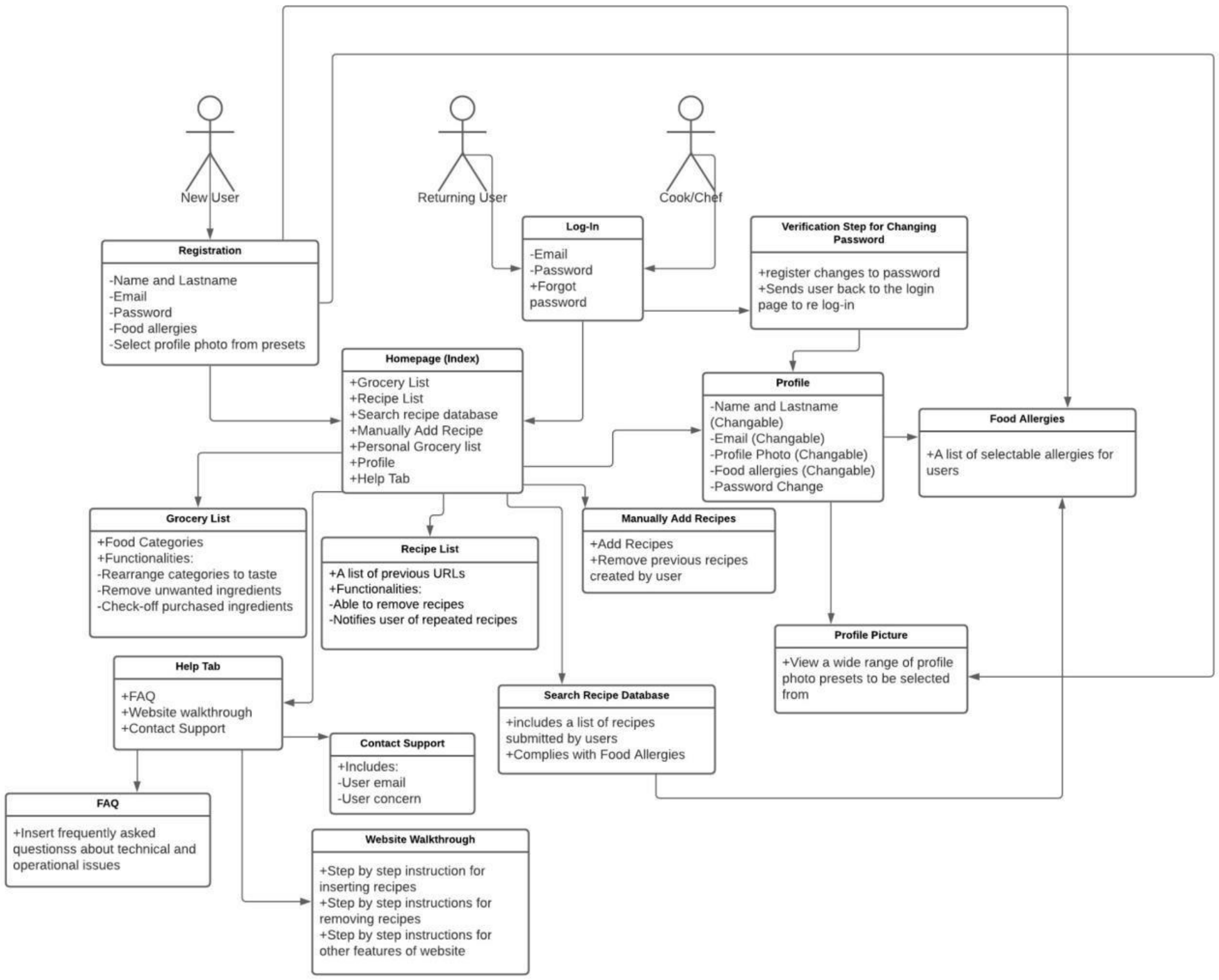
| Proposed Architecture Plan<br> Insta list<br>View<br>Web (UI)<br>• HTML & Javascript<br>Model<br>Services<br>• Manage inputs<br>Controller<br>Database<br>• SQL | **Backend:**<br>-SQL Database<br>**Front-End:**<br>-HTML and JS for user input and UI design<br>-MVC (to divide the information and create functions that allow for more accurate relationships to the databases)<br>**Communication:**<br>-Model is responsible for managing the application. It receives user input from the controller. This will be an incorporation of HTML and the databases, as the users will insert their data, which will be directly inserted into the correlating database.<br>-View renders presentation of the model in a particular format. Specifically, we will use HTML to create an aesthetically pleasing visual for the UI.<br>-Controller responds to the user input and performs interactions on the data model objects by validating them. This will specifically be associated with the database, as the different user inputs will trigger different corresponding values within the database. |

## Use Case Diagram:


New User
Returning User
Cook/Chef
Registration
-Name and Lastname
-Email
-Password
-Food allergies
-Select profile photo from presets
Log-In
-Email
-Password
+Forgot password
Verification Step for Changing Password
+register changes to password
+Sends user back to the login page to re log-in
Homepage (Index)
+Grocery List
+Recipe List
+Search recipe database
+Manually Add Recipe
+Personal Grocery list
+Profile
+Help Tab
Profile
-Name and Lastname (Changable)
-Email (Changable)
-Profile Photo (Changable)
-Food allergies (Changable)
-Password Change
Food Allergies
+A list of selectable allergies for users
Grocery List
+Food Categories
+Functionalities:
-Rearrange categories to taste
-Remove unwanted ingredients
-Check-off purchased ingredients
Recipe List
+A list of previous URLs
+Functionalities:
-Able to remove recipes
-Notifies user of repeated recipes
Manually Add Recipes
+Add Recipes
+Remove previous recipes created by user
Profile Picture
+View a wide range of profile photo presets to be selected from
Help Tab
+FAQ
+Website walkthrough
+Contact Support
Search Recipe Database
+includes a list of recipes submitted by users
+Complies with Food Allergies
Contact Support
+Includes:
-User email
-User concern
FAQ
+Insert frequently asked questionss about technical and operational issues
Website Walkthrough
+Step by step instruction for inserting recipes
+Step by step instructions for removing recipes
+Step by step instructions for other features of website