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| **Use Case Title:** Diet Helper Use Case |
| **Primary Actor:** User/Customer |
| **Secondary Actor:** Database |
| **Level:** White (seen from clouds) |
| **Stakeholders:** User/Customer |
| **Preconditions:** User must have Internet Access |
| **Minimal Guarantee:** - |
| **Success Guarantee:** The user is able to use all of the features of system (Recipes, Diet Helper, Calorie Calculator etc.) |

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| **Trigger:** User attempts to login |
| **Main Success Scenario:**  1.User attempts to login.  2a. If user doesn’t have pre-existing account, they create a new account using their email address. The output is sent to Database.  2b. If user has pre-existing account, the system asks for email and password. Gets password and email confirmation from Database.  2c. User attempts to delete their account by writing their email and password. The output is sent to Database.  3. User proceeds to Main Menu where they can select either “Diet Creator and Helper” or “List of Recipes”.  4a. If user chooses “Diet Creator and Helper” they are presented with a calculator where they write their weight and the calculator outputs a daily diet program for the user. The diet is then sent to the database.  4b. If user chooses “List of Recipes” they can view a number of pre-existing recipes from a drop-down menu. The user can also create their own recipes by “Create Custom Recipe” button on this menu. The user creates a recipe using the list of ingredients and the calorie of the recipe is calculated. If the user finalizes and approves their custom recipe, then the custom recipe is sent to Database. |
| **Include Use Cases:**   1. Main Menu. The user is taken to Main Menu after account login/registration. 2. Calorie Calculator. Custom Recipe Creation uses/includes the functionalities of the Calorie Calculator, which could also be used separately from Custom Recipe Creation. |
| **Extend Use Cases:**   1. Create New Account. This functionality extends to the Account Login functionality. 2. Delete Existing Account. This functionality extends to the Account Login functionality. 3. Diet Creator and Helper. This functionality extends to the Main Menu functionality. 4. List of Recipes. This functionality extends to the Main Menu functionality. 5. Custom Recipe Creation. This functionality extends to the List of Recipes functionality, by allowing the user to create their own recipes fort he List of Recipes. |
| **Alternative Flows:**  1. Email and password do not match.  2. On account registration, the entered email already exists.  3. No Access to internet, cannot login. |