Use Case Document

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| Use Case 1 | Recipes |  |
| Description | From the main menu the user selects the recipes button and can then enter new recipes or view the existing recipes from the database |  |
| Preconditions | None |  |
| Successful Condition | Pull existing recipes from the database or enter new recipes into the database |  |
| Failed Condition | Existing menu remains |  |
| Actor | User |  |
| Trigger | Click Button |  |
| Main Flow | Step | Action |
|  | 1 | User Clicks Recipes button |
|  | 2 | New menu to enter new or view existing |
|  | 3 | If new a blank sql table is pulled up for user to enter title and ingredients of new menu item |
|  | 4 | If existing is chosen the sql database is queried for existing menu items that can be edited or deleted |

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| Use Case 2 | Dinner Plan |  |
| Description | Dinner Plan button is chosen and user can choose to enter a new dinner plan in which the calendar is displayed and when a day is chosen the saved recipes are displayed to assign to that day, if view existing is chosen then the calendar is displayed and when the day is chosen the dinner plan saved for that day is displayed |  |
| Preconditions | At least one recipe saved in DB |  |
| Successful Condition | Calendar is displayed and database is queried to display recipes to assign or which recipes are already assigned |  |
| Failed Condition | Existing menu remains |  |
| Actor | User |  |
| Trigger | Click Button |  |
| Main Flow | Step | Action |
|  | 1 | User clicks Dinner Plan button |
|  | 2 | User picks new or view existing |
|  | 3 | Calendar is displayed |
|  | 4 | Day can be selected |
|  | 5 | Display list of recipes from database |
|  | 6 | Dinner is saved to calendar |
|  | 7 | Existing dinners are displayed if existing is chosen |

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| Use Case 3 | View Grocery List |  |
| Description | View Grocery List button is chosen to display the list of items needed from the recipes based on the days picked from the calendar. The calendar is displayed and a single day or range of days can be chosen to display the items from the recipes needed for those days based on the planned dinners for that day or days. |  |
| Preconditions | Dinner plan has been saved |  |
| Successful Condition | Item list is displayed |  |
| Failed Condition | If no dinner plan is saved for the selected day or days then the database will return null and an error stating that no dinners have been planned will display, back button will return to the calendar to pick new days |  |
| Actor | User |  |
| Trigger | Click Button |  |
| Main Flow | Step | Action |
|  | 1 | User clicks button |
|  | 2 | Calendar is displayed to choose day or range of days |
|  | 3 | Database is queried for the saved dinner plans on that day or days and list is displayed with grocery items needed |
|  | 4 | Back button returns to calendar |