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| Name | Remove Meal |
| Actor | Administrator |
| Trigger | Administrator clicks "Remove Meal" button on the "Manage Meals" page. |
| Preconditions | User must be an Administrator.  The system added given meal to the database of meals.  Administrator is in "Manage Meals" page. |
| Postconditions | System no longer contains meal in database.  System still contains the meal in the database. |
| Successful Scenario | 1. System displays a confirmation prompt to the Administrator. 2. Administrator presses "Yes" on the pop-up window for confirmation. 3. System deletes meal from database. |
| Alternative Scenarios | 2.1. Administrator presses "No" on the pop-up window for confirmation.  2.2. System does not remove meal from database. |

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| Name | Order Meal |
| Actor | Customer |
| Trigger | Customer clicks "Add to Cart" button on "Search" or "Meal Details" page. |
| Preconditions | Customer is logged on and has an active meal plan. |
| Postconditions | System sends request to ship selected meal(s).  System displays order confirmation message.  User is unable to order a meal because the meal is not in stock.  User is unable to order a meal because they are out of meals and cannot afford more. |
| Successful Scenario | 1. Customer specifies the number of units of the selected meal in text box. 2. Customer selects "Go to Cart" button. 3. Customer hits "Continue to Payment" button and selects "Use Meal Plan" button. 4. System displays "Order Confirmation" page. |
| Alternative Scenarios | 1.1. System has no available stock of selected meal.  3.1. Customer has not added any items to the cart before pressing "Go to Cart" button.  4.1. Customer has no meals leave on their meal plan.  4.2 **Extension point:** Pay Fee,Customer clicks on "Purchase Meals" button (if they have insufficient meals remaining).  4.3. System redirects customer to "Search" page. |

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| Name | Add a Meal |
| Actor | Administrator |
| Trigger | Administrator clicks "Add New Meal" button within the "Manage Meals" page. |
| Preconditions | Administrator is logged in and has meal details to add. |
| Postconditions | System adds a new meal to database of meals.  System does not add a new meal because the meal information was incomplete and the Administrator did not save. |
| Successful Scenario | 1. Administrator is on the "Add New Meal" page. 2. Administrator adds an image, a list of "Ingredients", "Preparation Instructions", "Nutritional Information", and any other necessary information. 3. Administrator hits "Save New Meal" button. 4. System adds a new meal to customers' search options. |
| Alternative Scenarios | 2.1. Administrator misses an image, "Nutritional Information", "Ingredients" or "Preparation Instructions" list.  2.2. System does not add meal to the database.  2.3. System displays warning message to administrator that item description is incomplete.  3.1. Administrator fails to hit "Save New Meal" button.  3.2. System does not save meal to database. |

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| Name | Add Personal Info |
| Actor | Customer |
| Trigger | Customer wants to edit personal information. |
| Preconditions | System displays the login screen. |
| Postconditions | Customer's account info is saved and the new account is added to the database.  Customer's account info is not saved because they failed to save information. |
| Successful Scenario | 1. System displays an account creation page. 2. Customer adds name, age, phone number, email, shipping addresses, and credit/debit card information. 3. Customer selects desired payment plan. 4. Customer saves information. |
| Alternative Scenarios | 4.1. Customer does not complete all necessary fields.  4.2. System displays an error message because of incomplete account information, to customer.  4.3. Customer fails save information.  4.4. System does not add customer account to database. |

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| Name | View Item Stock |
| Actor | Administrator |
| Trigger | Administrator clicks "View Item Stock" button to verify a meal is available. |
| Preconditions | User is logged on and has an Administrator account. |
| Postconditions | System displays number of selected item in stock.  System has no statistics to display.  System is out of stock. |
| Successful Scenario | 1. Administrator is on the "Statistics" page. 2. Administrator selects "View Item Stock" button. 3. System displays item stock. |
| Alternative Scenarios | 2.1. **Extension Point:** Reorder Stock, if item stock is below the recommended number. |

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| Name | Approve Requested Meal |
| Actor | Administrator |
| Trigger | Administrator navigates to "Requested Meals" page. |
| Preconditions | Customer submits add meal request.  System contains at least one requested meal in "Requested Meals" page. |
| Postconditions | Administrator updates system with new meal.  System displays new meal in catalog.  Administrator denies requested meal and it does not get added to the catalog. |
| Successful Scenario | 1. Administrator selects a requested meal. 2. Administrator reviews meal details. 3. Administrator approves meal to be added. 4. System adds approved meal to database. |
| Alternative Scenarios | 2.1. Administrator declines meal suggestion. |

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| Name | Search Meals |
| Actor | Customer |
| Trigger | Customer clicks "Search" field. |
| Preconditions | Customer is logged in. |
| Postconditions | System displays search results.  System has no search results to display. |
| Successful Scenario | 1. Customer types keywords into field. 2. Customer selects the "Go" button. 3. System displays "Search Results" page. 4. **Extension Point:** Favorite Item,if Customer has purchased a meal before. |
| Alternative Scenarios | 3.1. System database contains no items whose keywords match the searched keywords.  3.2. System displays "no results found" error message. |

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| Name | Manage Meal |
| Actor | Administrator |
| Trigger | Administrator clicked on the "Remove Meal" button or the "Add New Meal" button. |
| Preconditions | User is logged in as Administrator. |
| Postconditions | System updates meal in the database.  System does not change meal information in the database. |
| Successful Scenario | 1. Administrator edits meal information. |
| Alternative Scenarios | 1.1. Administrator selects the "Cancel" button.  1.2. System does not update the meal. |

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| Name | Manage Account |
| Actor | Customer |
| Trigger | Customer clicks a button to deactivate the account. |
| Preconditions | Customer has an account |
| Postconditions | Customer still has an account.  Customer does not have an account anymore. |
| Successful Scenario | 1. Customer has changed account status. |
| Alternative Scenarios | 1.1. Customer has not changed account status. |

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| Name | View Statistics |
| Actor | Administrator |
| Trigger | Administrator clicks "View Statistics Page" button. |
| Preconditions | User has an administrative account. |
| Postconditions | System prints statistical information to output file.  System cannot print non-existent information to an output file. |
| Successful Scenario | 1. Administrator views the different types of data until satisfied. 2. Administrator performs < include: View Item Stock>. 3. Administrator exits the "Statistics" page by pressing the exit (x) button. 4. System exits from the “View Statistical Information” page. |
| Alternative Scenarios | 2.1. User does not select “View Statistical Information” button.  3.1. System has no stats to display.  3.2. System displays zero for all statistics. |

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| Name | Login |
| Actor | Administrator, Customer |
| Trigger | User clicks "Login" button. |
| Preconditions | User has an account.  System displays the "Login" page. |
| Postconditions | User data is saved into the database.  User does not have an account and cannot log in.  User fails to log in with incorrect information. |
| Successful Scenarios | 1. User enters their username and password. 2. System determines if User is Customer or Administrator. 3. System displays the information for the correct type of user. |
|  | 2.1. User credentials are incorrect.  2.2. System returns to login page and displays "invalid credentials" message  2.3. User does not have an account. |

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| Name | Request New Meal |
| Actor | Customer |
| Trigger | Customer clicks "Request New Meal" button. |
| Preconditions | Customer is logged in. |
| Postconditions | System has a requested meal in queue waiting for approval.  System displays meal in "Requested Meals" page.  System does not send request meal to queue due to incomplete information. |
| Successful Scenarios | 1. System displays text box for meal request.  2. Customer inputs meal description, preparation instructions, and item image.  3. Customer clicks "Submit Meal Request" button.  4. System sends request confirmation email to customer.  5. System sends request to for approval. |
| Alternative Scenario | 3.1. Customer leaves the text box empty.  3.2. System displays an error message is shown. |

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| Name | Add Account |
| Actor | Customer |
| Trigger | User clicks the “Create Account” button on display. |
| Preconditions | The system does not contain an existing account of the same name.  System displays "Login" page. |
| Postconditions | User account is created.  User account already exists and cannot be created.  User is missing information and the account cannot be created. |
| Successful Scenario | 1. System displays text boxes for Customer information.  2. User inputs information: name, address, type of account, email, and password.  3. User selects create account.  4. System sends confirmation email. |
| Alternative Scenarios | 2.1. User does not input all required information.  3.1. User Account already exists.  3.2 An error message is displayed. |

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| Name | Reorder Stock |
| Actor | Administrator |
| Trigger | Administrator clicks “Reorder” button for specific item. |
| Preconditions | System must contain item in catalog.  System must be able to send request for items. |
| Postconditions | System places order for specified stock of product.  Administrator decides not to order stock.  System cannot order item because it is no longer available. |
| Success Scenario | 1. System prompts administrator for amount of item to be ordered. 2. System displays confirmation prompt for administrator. 3. Administrator selects “Confirm” button and item(s) is/are ordered. |
| Alternative Flows | 1.1. System does not contain item in catalog.  1.2. System prompts administrator to add item to catalog.  2.1. System cannot request item for purchase.  2.2. System displays error message.  3.1. Administrator selects “Decline” in confirmation prompt.  3.2. System does not order product.  3.3. System returns to catalog page. |

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| Name | Change Meal Details |
| Actor | Administrator |
| Trigger | Administrator clicks “Edit” button in product description. |
| Preconditions | System must contain item in catalog. |
| Postconditions | System has updated image/description of item available for customers to view.  Administrator cancels editing the product description and the System does not update information. |
| Success Scenario | 1. Administrator selects “New Image” or “Update Information” button. 2. Administrator makes desired changes/uploads desired image(s). 3. Administrator selects “Publish” button. 4. System allows customers to view updated information. |
| Alternative Flows | 1.1. Administrator cancels changes.  1.2. The system does not update information.  1.3. The system does not display new information to customers. |