**Requirements**

1. Allow viewing of a virtual store cupboard, based on the logged in user.
2. Allow the addition of an item to a virtual store cupboard, for a specific user.
3. Allow the deletion of an item from a virtual store cupboard, for a specific user.
4. User can add multiple ingredients to a list and search a recipe database based on this list
5. User can Add store cupboard ingredients to ingredients list when searching the recipe database.
6. User can view a list of available recipes based on selected ingredients
7. Allow user to sort and filter searched recipes
8. Show method and ingredients list of a selected recipe
9. Display information about food safety
10. Allow searching of information related to food safety
11. A new user to the site should be able to sign up for an account on the website
12. An existing user to the site should be able to log in

**Acceptance tests**

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| Test ID | T001 |
| Description | Test user can create account |
| Setup |  |
| Instructions | Click on ‘Sign Up’ link in navigation bar. Enter required details and click ‘Sign Up’ button |
| Expected Results | A message should be displayed informing the user that an account has been created |

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| Test ID | T002 |
| Description | Test user can login |
| Setup | Create account if not already done so |
| Instructions | Click on ‘Log in’ link in navigation bar. Enter required details and click ‘Log In’ button |
| Expected Results | A message should be displayed informing user that they have been logged in |

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| Test ID | T003 |
| Description | Test user cannot login with incorrect information |
| Setup | Create account if not already done so |
| Instructions | Click on ‘Log in’ link in navigation bar. Enter required incorrect username or password |
| Expected Results | A message should be displayed informing user that they cannot be logged in |

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| Test ID | T004 |
| Description | Test user can add Store Cupboard item to store cupboard |
| Setup | Login via the login page. Navigate to ‘Store Cupboard’ page |
| Instructions | Enter ‘garlic’ as a value in input field, then click Add button |
| Expected Results | A new entry for ‘garlic’ should appear in listed store cupboard ingredients. If ‘garlic’ already exists in the ingredients list then an error should be displayed |

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| Test ID | T005 |
| Description | Test user can view Store Cupboard |
| Setup | Login via the login page. Add a new item to the store cupboard if it is currently empty |
| Instructions | From ‘Home’, click ‘Store Cupboard link. |
| Expected Results | If the user has items in the Store Cupboard, a list of these items should be displayed. If not, a message should be displayed indicating as such |

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| Test ID | T006 |
| Description | Test user can delete an item from the Store Cupboard |
| Setup | Add a new item to the store cupboard if it is currently empty |
| Instructions | From ‘Home’, click ‘Store Cupboard link. Select an existing item in the Store Cupboard list and click the ‘Delete’ button, indicated with a ‘X’ |
| Expected Results | The deleted item should be removed from the Store Cupboard list displayed |

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| Test ID | T007 |
| Description | Test user can add multiple ingredients to ingredients search list |
| Setup |  |
| Instructions | On ‘Home’ page, enter ingredient into text box, then click ‘Add Ingredient’ button. |
| Expected Results | The added ingredient should appear in Ingredients list on the page. |

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| Test ID | T008 |
| Description | Test users can view a list of recipes based on entered ingredients |
| Setup |  |
| Instructions | On ‘Home’ page, enter ingredient into text box, then click ‘Add Ingredient’ button. Click ‘Search’ button |
| Expected Results | A list of recipes should be displayed, relevant to the ingredients entered in search |

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| Test ID | T009 |
| Description | Test user can add store cupboard ingredients to ingredients list when searching recipes |
| Setup | Add a new item to the store cupboard if it is currently empty |
| Instructions | On ‘Home’ page, enter ingredient into text box, then click ‘Add Ingredient’ button. Select the ‘Include Store Cupboard Items’ checkbox and press ‘Search’ |
| Expected Results | A list of recipes should be displayed, relevant to the ingredients entered in search and to the ingredients saved in the Store Cupboard |

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| Test ID | T010 |
| Description | Test users can view the ingredients list and method of a selected recipe |
| Setup | On ‘Home’ page, enter ingredient into text box, then click ‘Add Ingredient’ button. Click ‘Search’ button |
| Instructions | Click on a recipe that appears in the recipe list |
| Expected Results | The user should be taken to a page displaying details of the ingredients and method of the recipe |

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| Test ID | T012 |
| Description | Test users can view the ingredients list and method of a selected recipe |
| Setup | On ‘Home’ page, enter ingredient into text box, then click ‘Add Ingredient’ button. Click ‘Search’ button |
| Instructions | Click on a recipe that appears in the recipe list |
| Expected Results | The user should be taken to a page displaying details of the ingredients and method of the recipe |

**Testing**

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| **Test Number** |  |
| T001 | Not much happens when I click sign up, but do get a message saying an account has been created. Should I be taken to another page afterwards? |
| T002 | Not clear if loading once I press log in button. Get a message saying I have been logged in by I stay on login. |
| T003 | Error is display so appears I can’t log in, says ‘Request failed with status code 401’ which doesn’t mean much to me |
| T004 | Results as expected |
| T005 | No message is shown if there are no items, just a blank page. List of ingredients does show correctly once one is added. |