**User stories**

**Total user story points: 86**

**(1 SP = 1/2 day)**

**Priority Scale**

**Priority is judged by High, Medium, Low with Highest being the most urgent priority and Low being the least urgent priority.**

**Story point is used to estimate how much time needed to complete specific task.**

Recipe Explorers

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| **Epic Story 1:** Recipe Explorers |
| **As a recipe explorer, I want to be able to select a set of ingredients so that I can follow the recipe provided by the system to prepare my food.** |
| **Total User Story Points:** 45 (1 SP = ½ day) |

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| **E1 – User story 1: Register to the system** |
| **As a recipe explorer, I want to be able to register an account with a username and password so that I can log in to the recipe system.** |
| Acceptance Criteria:   * Display a username and password text boxes under the heading 'Login'. * Provide a create account button under the text boxes which validates the entered details with the system * Display username and password that need to be entered after clicking ‘Create account’ button. * Display "username is invalid" if the username is already exist * Display "password is invalid" if the length of password is less than 6 characters * Display "Please enter a username and password" if either a username or password has not been entered, upon pressing 'Create account' button * Link to the login page if register is successful. * Display error message if the system is not responding/timeout |
| **Priority: High** |
| **Story points: 6** |

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| **E1 – User story 2: Login to the system** |
| **As a recipe explorer, I want to be able to login with a verified username and password so that I can securely access my account** |
| Acceptance Criteria:   * Display username and password text boxes under the heading ‘Login’. * Provide the login button next to the text boxes which validates the entered username and password with system. * Display “username or password is incorrect” if the username or password is incorrect after clicking ‘login’ button. * Display “please enter username or password” if either username or password has not been entered after clicking ‘login’ button. * Link to the welcome page if login is successful. * Display error message if the system is not responding/timeout |
| **Priority: High** |
| **Story points: 6** |

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| **E1 – User story 3: Look through ingredients** |
| **As a recipe explorer, I want to be able to look through a catalogue of available ingredients so that I can choose them by picking categories (like dairy, vegetables, grains, etc.)** |
| Acceptance Criteria:   * Display the categories of ingredients.. * Display a button that Categories of the ingredients can be expanded into specific items. |
| **Priority: High** |
| **Story points: 6** |

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| **E1 – User story 4: Pick ingredients** |
| **As a recipe explorer, I want to be able to pick the ingredients so that I can build my own list of ingredients** |
| Acceptance Criteria:   * Provide an option to pick the ingredients that the user likes. * Display the list of ingredients that the user picks. * Display the category of ingredients that the user picks. * Provide an option to remove the ingredients that inadvertently picked from the running list. * Display “The amount of ingredients is over-limit” message if the amount of ingredients exceeds the limit. |
| **Priority: High** |
| **Story points: 10** |

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| **E1 – User story 5:** **Submit list of ingredients** |
| **As a recipe explorer, I want to be able to submit my complete list of ingredients so that I can have the recipe generated by the system.** |
| Acceptance Criteria:   * Provide ‘submit’ button once the user selection is complete. * Provide ‘go back’ button once the user needs to change the ingredients he picks. * Display the set of the recipes possible given by completed list of ingredients. * Display the most popular recipes on the top of the set. |
| **Priority: Medium** |
| **Story points: 3** |

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| **E1 – User story 6:** **Filter recipes by meal-type** |
| **As a recipe explorer, I want to be able to filter my recipes by meal-type, so that I can select desired meal-type** |
| Acceptance Criteria:   * Provide 'meal-type' button once recipe explorers submit complete list of ingredients. * Display different meal-type once recipe explorer clicked 'meal-type' button. |
| **Priority: Low** |
| **Story points: 2** |

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| **E1 – User story 7:** **Selecting recipe from a list of results** |
| **As a recipe explorer, i want to be able to select a recipe from results to view its full details, so that i can choose which to cook** |
| Acceptance Criteria:   * Provide selected recipe photos that can be clicked * Display number and types of ingredients that recipe needs * Display total and cook time that need to be spent * Display directions that help recipe explorer to cook |
| **Priority: Low** |
| **Story points: 2** |

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| **E1 – User story 8: View the history of recipes** |
| **As a recipe explorer, i want to be able to view the history of recipes so that i can easily review what i missed before** |
| Acceptance Criteria:   * Provide 'history' button on main mage in case recipe explorer viewed recipe ingredients and want to review in the future * Display different recipes that explorer browsed before when clicking button 'history' * Display specific recipe consists of ingredient once clicked related ingredient figure in history page |
| **Priority: Medium** |
| **Story points: 2** |

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| **E1 – User story 9: My favorite recipes** |
| **As a recipe explorer, i want to be able to collect recipes that i am willing to cook in the future, so that i can easily find recipes that i want to cook.** |
| Acceptance Criteria:   * Provide 'my favorite' button on header in case recipes explorers want to collect recipes and cook. * Display recipes that explorer collected before when clicked button 'my favorite'. * Display details and cooking process of a specific recipe once clicked related recipe figure in collect page. |
| **Priority: Low** |
| **Story points: 2** |

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| **E1 – User story 10: Get suggested for next ingredients** |
| **As a recipe explorer, i want to be able to get suggested for next ingredients based on previous input so that I can match recipes** |
| Acceptance Criteria   * Provide suggested 1 or more ingredients once recipe explorers has input 1 or more ingredients to their running list |
| **Priority: Medium** |
| **Story points: 3** |

Recipe contributor

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| **Epic Story 2:** Recipe Contributor |
| **As a recipe contributor, I want to be able to upload my recipes so that i can share my recipes to others** |
| **Total User Story Points:** 41 (1 SP = ½ day) |

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| **E2 - User story 1: Register to the system** |
| **As a recipe contributor, I want to be able to register an account with a username and password so that I can log in to the recipe system.** |
| Acceptance Criteria:   * Display a username and password text boxes under the heading 'Login'. * Provide a create account button under the text boxes which validates the entered details with the system * Display username and password that need to be entered after clicking ‘Create account’ button. * Display "username is invalid" if the username is already exist * Display "password is invalid" if the length of password is less than 6 characters * Display "Please enter a username and password" if either a username or password has not been entered, upon pressing 'Create account' button * Link to the login page if register is successful. * Display error message if the system is not responding/timeout |
| **Priority: High** |
| **Story points: 6** |

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| **E2 - User story 2:Login to the system** |
| **As a recipe contributor, I want to be able to login with a verified username and password so that I can securely access my account** |
| Acceptance Criteria:   * Display username and password text boxes under the heading ‘Login’. * Provide the login button next to the text boxes which validates the entered username and password with system. * Display “username or password is incorrect” if the username or password is incorrect after clicking ‘login’ button. * Display “please enter username or password” if either username or password has not been entered after clicking ‘login’ button. * Link to the welcome page if login is successful. * Display error message if the system is not responding/timeout |
| **Priority: High** |
| **Story points: 6** |

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| **E2 - User story 3:** **Create and add recipes to recipe category** |
| **As a recipe contributor, i want to be able to create and add my recipes to recipe category, so that i can share my cooking experience with others** |
| Acceptance Criteria:   * Provide 'create recipe' button which enable recipe contributor to create recipe including related steps and required ingredients to a recipe catalogue * Display steps and required ingredients text boxes under the heading 'create your recipe' * Provide 'confirm' button which enables recipe contributor to upload their recipes * Display details of recipes after clicking 'confirm' button * Link to the 'My recipes' page if upload successfully |
| **Priority: High** |
| **Story points: 10** |

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| **E2 - User story 4:** **Edit recipes** |
| **As a recipe contributor, i want to be able to edit my recipes, so that i can make some changes to my recipes** |
| Acceptance Criteria:   * Provide 'edit' button which allows recipe contributor to edit their recipe * Display original steps and required ingredients text boxes after clicking 'edit' button * Provide 'save' button to allow recipe contributor save their changes of recipe * Display "You have successfully changed your recipe " after clicking 'save' button |
| **Priority: High** |
| **Story points: 6** |

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| **E2 - User story 5:** **Delete recipes** |
| **As a recipe contributor, i want to be able to delete my out of date recipes, so that i can provide users the latest recipe all the time** |
| Acceptance Criteria:   * Provide 'delete' button which allows recipe contributor to delete their recipes * Display "You have successfully deleted your recipe" after clicking 'delete' button |
| **Priority: Medium** |
| **Story points: 3** |

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| **E2 - User story 6:** **View recipes** |
| **As a recipe contributor, i want to be able to see a list of my contributed recipes, so that i can view the full details for each** |
| Acceptance Criteria:   * Display the list of recipes on 'My recipes' page * Provide photos of each recipe which allows recipe contributor to view the full details after clicking related photo |
| **Priority: Low** |
| **Story points: 3** |

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| **E2 - User story 7:** **View the most frequent ingredients** |
| **As a recipe contributor, I want to be able to see the most frequent input set of ingredients for which there was no recipe match on the home page, so that I can create related recipes to share** |
| Acceptance Criteria:   * Display the most frequently input set of ingredients which there was no recipe matched on the home page after clicking 'ingredients without recipe' button |
| **Priority: Low** |
| **Story points: 2** |

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| **E2 - User story 8:** **Tag meal-type** |
| **As a recipe contributor, I want to be able to tag a recipe with meal-type, so that I can manage my recipes** |
| Acceptance Criteria:   * Provide 'meal-type' button once recipe explores submit complete list of ingredients * Display different meal-type once recipe explorers clicked 'meal-type' button |
| **Priority: Medium** |
| **Story points: 3** |

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| **E2 - User story 9:** **Get informed** |
| **As a recipe contributor, I want to be able to get informed of the combination of ingredients that at least someone often owns but cannot find so that I can create new recipes** |
| Acceptance Criteria:   * Display the most frequently input set of ingredients which there was no recipe matched on the home page after clicking 'ingredients without recipe' button * Notify recipe contributor by notification when system received recipe requirements from recipe explores |
| **Priority: Low** |
| **Story points: 2** |