# Test Specification

## Test01: Get Started

|  |  |  |
| --- | --- | --- |
| # | Step | Expected Result |
| 1 | Click Get Started Button | User must register/login |

## Test02: Register

|  |  |  |
| --- | --- | --- |
| # | Step | Expected Result |
| 1 | Enter Data (Username, Email, Password, Confirm Password) | Register button is clickable |
| 2 | Click Register Button | User proceeds to login |

## Test03: Login

|  |  |  |
| --- | --- | --- |
| # | Step | Expected Result |
| 1 | Enter Data (Username, Password) | Login button is clickable |
| 2 | Click Register Button | User proceeds to home |

## Test04: Recipes Are Shown

|  |  |  |
| --- | --- | --- |
| # | Step | Expected Result |
| 1 | Navigate to Recipes on Navbar | All public recipes appear + ratings and search-/sort fields |

## Test05: Search Recipes

|  |  |  |
| --- | --- | --- |
| # | Step | Expected Result |
| 1 | Type in what you want to find | Query gets updated |
| 2 | Click Search Button | All recipes where title contains query get loaded |

## Test06: Sort Recipes

|  |  |  |
| --- | --- | --- |
| # | Step | Expected Result |
| 1 | Click Sort By | Dropdown appears |
| 2 | Choose a value from the dropdown | Recipe list gets updated |

## Test06a: Sort Rating Ascending

|  |  |  |
| --- | --- | --- |
| # | Step | Expected Result |
| 1 | Click Sort By | Dropdown appears |
| 2 | Click Rating Ascending | Recipe list gets filtered in ascending order |

## Test06b: Sort Rating Descending

|  |  |  |
| --- | --- | --- |
| # | Step | Expected Result |
| 1 | Click Sort By | Dropdown appears |
| 2 | Click Rating Descending | Recipe list gets filtered in descending order |

## Test07: Look at Reviews

|  |  |  |
| --- | --- | --- |
| # | Step | Expected Result |
| 1 | Click Reviews<amount> | Scrolldown to reviews |

## Test08: Consume food

|  |  |  |
| --- | --- | --- |
| # | Step | Expected Result |
| 1 | Choose a recipe | EAT IT Button appears |
| 2 | Click EAT IT Button | User gets notified, Remaining calories get decreased accordingly,  Snackbar appears,  Added to eaten recipes |

## Test09: Writing a review

|  |  |  |
| --- | --- | --- |
| # | Step | Expected Result |
| 1 | Position the cursor in the input field | Possible to write now |
| 2 | Write the text | Cancel- and Post Button appear,  Text displayed in input field |
| 3 | Click Post Button | Review gets displayed and Cancel- and Post Button disappear,  Review count updated and reloaded,  Average rating updated |

## Test09a: Review: Rating Updated

|  |  |  |
| --- | --- | --- |
| # | Step | Expected Result |
| 1 | Hover over stars | Show amount of stars |
| 2 | Click stars after hovering | Amount of stars get filled |

## Test10: Cancel Review

|  |  |  |
| --- | --- | --- |
| # | Step | Expected Result |
| 1 | Click Cancel Button | Input field empty,  Rating resetted,  Cancel- and Post Button disappear |

## Test11: Sort Rating Ascending

|  |  |  |
| --- | --- | --- |
| # | Step | Expected Result |
| 1 | Click Sort By | Dropdown appears |
| 2 | Click Rating Ascending | Reviews get filtered in ascending order; Filter: Rating |

## Test11a: Sort Rating Descending

|  |  |  |
| --- | --- | --- |
| # | Step | Expected Result |
| 1 | Click Sort By | Dropdown appears |
| 2 | Click Rating Descending | Reviews get filtered in descending order; Filter: Rating |

## Test12: Sort Newest Ascending

|  |  |  |
| --- | --- | --- |
| # | Step | Expected Result |
| 1 | Click Sort By | Dropdown appears |
| 2 | Click Newest Ascending | Reviews get filtered in ascending order; Filter: Time posted |

## Test12a: Sort Newest Descending

|  |  |  |
| --- | --- | --- |
| # | Step | Expected Result |
| 1 | Click Sort By | Dropdown appears |
| 2 | Click Newest Descending | Reviews get filtered in descending order; Filter: Time posted |

## Test13: Sidebar Recipes

|  |  |  |
| --- | --- | --- |
| # | Step | Expected Result |
| 1 | Click Sidebar icon | Layout changes,  Recipe gets bigger,  Sidebar gets smaller,  Searchfield disappears,  Dropdown disappears |

## Test14: Overview Route

|  |  |  |
| --- | --- | --- |
| # | Step | Expected Result |
| 1 | Click the icon in the top right corner | Dropdown appears |
| 2 | Click Overview | Redirection to Overview page |

## Test15 : My Recipes Route

|  |  |  |
| --- | --- | --- |
| # | Step | Expected Result |
| 1 | Click the icon in the top right corner | Dropdown appears |
| 2 | Click My Recipes | Redirection to My Recipes page |

## Test16: Edit Profile Route

|  |  |  |
| --- | --- | --- |
| # | Step | Expected Result |
| 1 | Click the icon in the top right corner | Dropdown appears |
| 2 | Click Edit Profile | Redirection to Edit Profile page |

## Test17: Go to Profile Route

|  |  |  |
| --- | --- | --- |
| # | Step | Expected Result |
| 1 | Click the icon in the top right corner | Dropdown appears |
| 2 | Click Go to Profile | Redirection to Go to Profile page |

## Test18: Log out Route

|  |  |  |
| --- | --- | --- |
| # | Step | Expected Result |
| 1 | Go to Recipe page | Recipe page loads |
| 2 | Click the icon in the top right corner | Dropdown appears |
| 3 | Click Log out | User gets logged out,  Redirection to login page |

## Test19: Change Picture in Profile Page

|  |  |  |
| --- | --- | --- |
| # | Step | Expected Result |
| 1 | Go to Profile Page | Dropdown appears |
| 2 | Click Change picture Button | File Chooser dialog opens |
| 3 | Choose picture and click Ok Button | Picture gets changed and saved |

## Test20: Edit Recipe

|  |  |  |
| --- | --- | --- |
| # | Step | Expected Result |
| 1 | Click the icon in the top right corner | Dropdown appears |
| 2 | Click My Recipes | Redirection to My Recipes page |
| 3 | Click blue pencil icon | Edit Recipe page loads |
| 4 | Change desired values | Update Button turns clickable |
| 5 | Click Update Button | Updated successfully and get redirected to My Recipes page |

## Test21: Delete Recipe

|  |  |  |
| --- | --- | --- |
| # | Step | Expected Result |
| 1 | Click the icon in the top right corner | Dropdown appears |
| 2 | Click My Recipes | Redirection to My Recipes page |
| 3 | Click red icon | Pop up pops up 😊 |
| 4 | Click Continue Button in pop up | Recipe is deleted |

## Test22: Invalid Email Address

|  |  |  |
| --- | --- | --- |
| # | Step | Expected Result |
| 1 | Go to Register page | Input fields for Username, Email, Password, Confirm Password pop up |
| 2 | Enter Username, Password (twice), and an invalid email address (without @) | Register button is not clickable,  Get error notification |

## Test23: Duplicate Username

|  |  |  |
| --- | --- | --- |
| # | Step | Expected Result |
| 1 | Go to Register page | Input fields for Username, Email, Password, Confirm Password pop up |
| 2 | Enter Password (twice), valid email address, Username that has already been used | Register button is not clickable,  Get error notification |

## Test24: Passwords do not match

|  |  |  |
| --- | --- | --- |
| # | Step | Expected Result |
| 1 | Go to Register page | Input fields for Username, Email, Password, Confirm Password pop up |
| 2 | Enter Username, valid email address, Passwords that do not match | Register button is not clickable,  Get error notification |

## Test25: Creating Recipe

|  |  |  |
| --- | --- | --- |
| # | Step | Expected Result |
| 1 | Click the icon in the top right corner | Dropdown appears |
| 2 | Choose My Recipes from dropdown | My Recipes page loads |
| 3 | Click Add Button | Create Recipe page loads |
| 4 | Enter desired data |  |
| 5 | Click Create button | Recipe gets created,  Redirection to My Recipes page |

## Test26: Creating Recipe With Duplicate Title

|  |  |  |
| --- | --- | --- |
| # | Step | Expected Result |
| 1 | Click the icon in the top right corner | Dropdown appears |
| 2 | Choose My Recipes from dropdown | My Recipes page loads |
| 3 | Click Add Button | Create Recipe page loads |
| 4 | Enter desired data (Recipe Title is already in use) |  |
| 5 | Click Create Button | Get error notification,  Does not add recipe |

## Test27: Creating Recipe Without Picture

|  |  |  |
| --- | --- | --- |
| # | Step | Expected Result |
| 1 | Click the icon in the top right corner | Dropdown appears |
| 2 | Choose My Recipes from dropdown | My Recipes page loads |
| 3 | Click Add Button | Create Recipe page loads |
| 4 | Enter desired data (no picture selected) | Default picture |
| 5 | Click Create Button | Recipe gets created,  Redirection to My Recipes page |