| **REVISIONS** | | | |
| --- | --- | --- | --- |
| **Rev. No** | **Description** | **Date** | **Person** |
| 0.1 | Creating the document, 12 cases in total. | 02.12.2023 | Merve, Abdullah |

| Test Name | | | TC\_REGISTER\_01 - Successful account creation | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Use Case Tested: | | | UC1-Create Account | | | |
| Test Description: | | | The Visitor will create a new account by entering a unique username, unique email and a password | | | |
| Pre-conditions | | | 1. The Visitor has access to the webpage of the application. 2. The Visitor clicks on the “Create One” button. 3. The Visitor enters “Username”, which matches the standard. 4. The Visitor enters “Email”, which matches the standard. 5. The Visitor enters “Password”, which matches the standard. 6. The Visitor enters “Confirm Password”, which matches with the “Password”. 7. The Visitor clicks on the "Register" button. | | | |
| Post-conditions | | | 1. The User is directed to the Login Page. 2. The User account has been successfully created. | | | |
| Notes: | |  | | | | |
| Result (Pass/Fail/Warning/Incomplete) | | Pass | | | | |
|  | TEST STEP | | | EXPECTED TEST RESULTS | P | F |
|  | The Visitor clicks on the “Create One” button. | | | The Visitor is directed to the registration page | P |  |
|  | The Visitor enters username, email, and password. Then user clicks on the “Register” button | | | The User is directed to the login page | P |  |

| Test Data Table | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 |
| Username | Shelly | Mark |  |  |  |
| Password | Shelly123 | Mark456 |  |  |  |
| Email | Shelly@Shelly.com | Mark@Mark.com |  |  |  |

| Test Name | | | TC\_LOGIN\_01 - Successful login operation: | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Use Case Tested: | | | UC1-Create Account | | | |
| Test Description: | | | The User will be able to log in to their account using their own credentials | | | |
| Pre-conditions | | | 1. The User has an account on the system. 2. The User has access to the webpage of the application. 3. The User enters the “Username” of their account correctly. 4. The User enters the “Password” of their account correctly. 5. The User clicks on the “Login” button. | | | |
| Post-conditions | | | 1. The User accesses the application by seeing their Feed page. | | | |
| Notes: | |  | | | | |
| Result (Pass/Fail/Warning/Incomplete) | | Pass | | | | |
|  | TEST STEP | | | EXPECTED TEST RESULTS | P | F |
| 1. | The User enters username, and password. Then user clicks on the “Login” button | | | System is able to identify the correct account and verify based on the password. | P |  |
| 2. | The User is directed to the feed page | | | The User is redirected to the feed page | P |  |

| Test Data Table | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 |
| Username | Shelly | Mark |  |  |  |
| Password | Shelly123 | Mark456 |  |  |  |

| Test Name | | | TC\_REGISTER\_02: Username already in use | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Use Case Tested: | | | UC1-Create Account | | | |
| Test Description: | | | The Visitor will not be able to register using a username already in use | | | |
| Pre-conditions | | | 1. There is an account with the same Username that the Visitor tries to reuse. 2. The Visitor has access to the webpage of the application. 3. The Visitor clicks on the “Create One” button. 4. The Visitor enters a “Username” that is the same with an existing one. 5. The Visitor enters “Email”, which matches the standard. 6. The Visitor enters “Password”, which matches the standard. 7. The Visitor enters “Confirm Password”, which matches with the “Password”. 8. The Visitor clicks on the "Register" button. | | | |
| Post-conditions | | | 1. The system does not create an account. 2. The system displays a message indicating the problem and asks the Visitor to choose a different Username. | | | |
| Notes: | |  | | | | |
| Result (Pass/Fail/Warning/Incomplete) | | Fail | | | | |
|  | TEST STEP | | | EXPECTED TEST RESULTS | P | F |
| 1. | * + The visitor goes to the registration page | | | System is able to identify the correct account and verify based on the password. | P |  |
| 2. | * + The visitor enters a username already existing as a registered user | | | An error Message appears |  | F |

| Test Data Table | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 |
| Username | Shelly | Mark |  |  |  |
| Password | Shelly123 | Mark456 |  |  |  |
| Email | Shelly@Shelly.com | Mark@Mark.com |  |  |  |

| Test Name | | | TC\_REGISTER\_03: Invalid Username | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Use Case Tested: | | | UC1-Create Account | | | |
| Test Description: | | | If the Visitor tries to create an account with an invalid username (See Supplementary Requirement WC-3 for valid usernames), the system prevents them from creating an account. | | | |
| Pre-conditions | | | 1. The Visitor has access to the webpage of the application. 2. The Visitor clicks on the “Create One” button. 3. The Visitor enters an invalid “Username”. 4. The Visitor enters “Email”, which matches the standard. 5. The Visitor enters “Password”, which matches the standard. 6. The Visitor enters “Confirm Password”, which matches with the “Password”. 7. The Visitor clicks on the "Register" button. | | | |
| Post-conditions | | | 1. The system does not create an account. 2. The system displays a message indicating the problem and asks the Visitor to choose a valid Username. | | | |
| Notes: | | See Supplementary Requirement WC-4 for valid names | | | | |
| Result (Pass/Fail/Warning/Incomplete) | | Fail | | | | |
|  | TEST STEP | | | EXPECTED TEST RESULTS | P | F |
| 1. | * + The visitor goes to the registration page | | | System is able to identify the correct account and verify based on the password. | P |  |
| 2. | * + The visitor enter an invalid username | | | An error message should appears |  | F |
| 3. | The visitor submits the registration for with invalid username | | | The system should prevent submission and show an error message |  | F |

| Test Data Table | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 |
| Username | Sherry | Marqq |  |  |  |
| Password | Shelly123 | Mark456 |  |  |  |
| email | Shelly@Shelly.com | Mark@Mark.com |  |  |  |

| Test Name | | | TC\_REGISTER\_04: Account exists | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Use Case Tested: | | | UC1-Create Account | | | |
| Test Description: | | | If the Visitor tries to create an account with an email in use, the system prevents it. | | | |
| Pre-conditions | | | 1. There is an account with the same email that the Visitor tries to reuse. 2. The Visitor has access to the webpage of the application. 3. The Visitor clicks on the “Create One” button. 4. The Visitor enters “Username”, which matches the standard. 5. The Visitor enters “Email” the same as an existing one. 6. The Visitor enters “Password”, which matches the standard. 7. The Visitor enters “Confirm Password”, which matches with the “Password”. 8. The Visitor clicks on the "Register" button. | | | |
| Post-conditions | | | 1. The system does not create an account. 2. The system displays a message indicating the problem. 3. The system asks the Visitor to use a different email address or check the password renewal option if they are a User of the system (See Supplementary Requirement WC-6 for password renewal). | | | |
| Notes: | |  | | | | |
| Result (Pass/Fail/Warning/Incomplete) | | Fail | | | | |
|  | TEST STEP | | | EXPECTED TEST RESULTS | P | F |
| 1. | * + The visitor goes to the registration page | | | System is able to identify the correct account and verify based on the password. | P |  |
| 2. | * + The visitor enter an email already existing for a registered user and the user clicks the “Register” button | | | An error Message appears and the submission is prevented. |  | F |

| Test Data Table | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 |
| Username | Shelly | Mark |  |  |  |
| Password | Shelly123 | Mark456 |  |  |  |
| Email | Shelly@Shelly.com | Mark@Mark.com |  |  |  |

| Test Name | | | TC\_REGISTER\_05: Missing entry | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Use Case Tested: | | | UC1-Create Account | | | |
| Test Description: | | | If one of the account information is missing, the system prevents the Visitor from creating an account. | | | |
| Pre-conditions | | | 1. The Visitor has access to the webpage of the application. 2. The Visitor clicks on the “Create One” button. 3. The Visitor left blank one of the entries. 4. The Visitor clicks on the "Register" button. | | | |
| Post-conditions | | | 1. The system does not create an account. 2. The system shows a message that indicates the name of the missing entry and asks the Visitor to complete it. | | | |
| Notes: | |  | | | | |
| Result (Pass/Fail/Warning/Incomplete) | | Fail | | | | |
|  | TEST STEP | | | EXPECTED TEST RESULTS | P | F |
| 1. | * + The visitor goes to the registration page | | | System is able to identify the correct account and verify based on the password. | P |  |
| 2. | * + The visitor clicks on the “Register” button with leaving on entry or more unfilled. | | | An error message appears and the submission is prevented. |  | F |

| Test Data Table | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 |
| Username |  | Mark | John |  |  |
| Password | Shelly123 |  | Doe |  |  |
| Email | Shelly@Shelly.com | Mark@Mark.com |  |  |  |

| Test Name | | | TC\_REGISTER\_06: Invalid password | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Use Case Tested: | | | UC1-Create Account | | | |
| Test Description: | | | If the Visitor enters an invalid password, the system prevents them from creating an account. | | | |
| Pre-conditions | | | 1. The Visitor has access to the webpage of the application. 2. The Visitor clicks on the “Create One” button. 3. The Visitor enters a “Username”. 4. The Visitor enters “Email”. 5. The Visitor enters an invalid “Password”. 6. The Visitor enters “Confirm Password”, which matches with the “Password”. 7. The Visitor clicks on the "Register" button. | | | |
| Post-conditions | | | 1. The system does not create an account. 2. The system shall display a message indicating the accepted password properties. 3. The Visitor has no access to the application interface for registered Users. | | | |
| Notes: | | (See Supplementary Requirement WC-5 for valid passwords) | | | | |
| Result (Pass/Fail/Warning/Incomplete) | | Fail | | | | |
|  | TEST STEP | | | EXPECTED TEST RESULTS | P | F |
| 1. | * + The visitor goes to the login page | | | The visitor is directed to the login page | P |  |
| 2. | * + The visitor enters an incorrect password and fills the rest of the information. | | | No error should appear | P |  |
| 3. | The visitor clicks the “Login” button | | | The system should show an error message about unmatching password |  | F |

| **Test Data Table** | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **4** | **5** |
| Username | Shelly | Mark |  |  |  |
| Password | sh | m |  |  |  |

| Test Name | | | TC\_REGISTER\_07: Passwords do not match | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Use Case Tested: | | | UC1-Create Account | | | |
| Test Description: | | | If the Visitor enters two different passwords when creating an account, the system prevents them from creating an account. | | | |
| Pre-conditions | | | 1. The Visitor has access to the webpage of the application. 2. The Visitor clicks on the “Create One” button. 3. The Visitor enters a “Username”, which matches the standard. 4. The Visitor enters “Email”, which matches the standard. 5. The Visitor enters a valid “Password”. 6. The Visitor enters “Confirm Password”, which does not match the “Password”. 7. The Visitor clicks on the "Register" button. | | | |
| Post-conditions | | | 1. The system does not create an account. 2. The system shall display a message indicating the problem. 3. The Visitor has no access to the application interface for registered Users. | | | |
| Notes: | |  | | | | |
| Result (Pass/Fail/Warning/Incomplete) | | Fail | | | | |
|  | TEST STEP | | | EXPECTED TEST RESULTS | P | F |
| 1. | * + The visitor goes to the login page | | | The visitor is directed to the login page | P |  |
| 2. | * + The visitor enters two unmatched passwords and fills the rest of the information. | | | The system should make form validation for the passwords. |  | F |
| 3. | The visitor clicks the “Login” button | | | The system should show an error message about unmatching password |  | F |

| **Test Data Table** | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **4** | **5** |
| Username | Shelly | Mark |  |  |  |
| Password | shelly123 | mark456 |  |  |  |
| Confirm Password | shelly13 | mark46 |  |  |  |

| Test Name | | | TC\_RECIPE\_01: Successfully posting a recipe. | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Use Case Tested: | | | UC4\_Create Recipe | | | |
| Test Description: | | | The User posts a recipe on Hungerger according to requirement 2.11. | | | |
| Pre-conditions | | | 1. The User has logged in to the application. 2. The User clicks on the “Create Recipe” button. 3. The User enters the recipe name. 4. The User enters the recipe description. 5. The User chooses ingredients. 6. The User uploads image. 7. The User clicks on the “Post” button. | | | |
| Post-conditions | | | 1. The database is updated. 2. The User is able to see their post on the feed page. | | | |
| Notes: | | Uploading image function is not deployed in this iteration so the user cannot upload an image. | | | | |
| Result (Pass/Fail/Warning/Incomplete) | | Fail | | | | |
|  | TEST STEP | | | EXPECTED TEST RESULTS | P | F |
| 1. | The user logs in to the application. | | | The user successfully logs in. | P |  |
| 2. | The user clicks on the “Create Recipe” button. | | | Create recipe page is opens. | P |  |
| 3. | The user enters recipe name | | | The system accepts the recipe name. | P |  |
| 4. | The user enters the recipe description | | | The system accepts the recipe description. | P |  |
| 5. | The user chooses ingredients | | | The chosen ingredients are added to the recipe. | P |  |
| 6. | The user uploads image | | | The user uploads the image successfully. |  | F |
| 7. | The user posts recipe | | | The recipe is shown in the feed. | P |  |

| **Test Data Table** | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **4** | **5** |
| Recipe Name | Pilav |  |  |  |  |
| Recipe Description | Add the rice and water. |  |  |  |  |
| Recipe Ingredients | Rice,  Water |  |  |  |  |
| Recipe Image | pilav.png |  |  |  |  |

| Test Name | | | TC\_RECIPE\_02: Prevent posting empty recipes. | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Use Case Tested: | | | UC4\_Create Recipe | | | |
| Test Description: | | | The User is unable to post a recipe on Hungerger without filling in any entries. Please refer to requirement 2.11 | | | |
| Pre-conditions | | | 1. The User has logged in to the application. 2. The User clicks on the “Create Recipe” button. 3. The User does not fill in any entries. 4. The User clicks on the “Post” button. | | | |
| Post-conditions | | | 1. The application notifies the user about the problem. 2. The User cannot post an empty recipe. | | | |
| Notes: | |  | | | | |
| Result (Pass/Fail/Warning/Incomplete) | | Fail | | | | |
|  | TEST STEP | | | EXPECTED TEST RESULTS | P | F |
| 1. | The user logs in to the application. | | | The user successfully logs in. | P |  |
| 2. | The user clicks on the “Create Recipe” button. | | | Create recipe page is opens. | P |  |
| 3. | The user posts a recipe on Hungerger without filling the required inputs. | | | The system notifies the user about the problem and doesn’t posts the recipe. |  | F |

| **Test Data Table** | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **4** | **5** |
| Recipe Name |  |  |  |  |  |
| Recipe Description |  |  |  |  |  |
| Recipe Ingredients |  |  |  |  |  |
| Recipe Image |  |  |  |  |  |

| Test Name | | | TC\_RECIPE\_03: Post a recipe without an image. | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Use Case Tested: | | | UC4\_Create Recipe | | | |
| Test Description: | | | The User posts a recipe without an image. Please refer to requirement 2.11. | | | |
| Pre-conditions | | | 1. The user has logged in to the application. 2. The user clicks on the “Create Recipe” button. 3. The user enters the recipe name. 4. The user enters the recipe description. 5. The user chooses ingredients. 6. The user clicks on the “Post” button. | | | |
| Post-conditions | | | 1. The user is able to post their recipe without an image. 2. The user is able to see their post on the feed page. | | | |
| Notes: | |  | | | | |
| Result (Pass/Fail/Warning/Incomplete) | | Fail | | | | |
|  | TEST STEP | | | EXPECTED TEST RESULTS | P | F |
| 1. | The user logs in to the application. | | | The user successfully logs in. | P |  |
| 2. | The user clicks on the “Create Recipe” button. | | | Create recipe page is opens. | P |  |
| 3. | The user enters the recipe name. | | | Recipe name accepted. | P |  |
| 4. | The user enters the recipe description. | | | Recipe description accepted. | P |  |
| 5. | The user chooses ingredients. | | | Ingredients is added to the recipe. | P |  |
| 6. | The user clicks on the “Post” button. | | | The system notifies the user to add an image and doesn’t posts the recipe. |  | F |

| **Test Data Table** | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **4** | **5** |
| Recipe Name | Pilav |  |  |  |  |
| Recipe Description | Add the rice and water. |  |  |  |  |
| Recipe Ingredients | Rice,  Water |  |  |  |  |
| Recipe Image |  |  |  |  |  |

| Test Name | | | TC\_FEED\_01: View posted recipes on the feed page. | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Use Case Tested: | | | UC4\_Create Recipe | | | |
| Test Description: | | | The User is able to see their post on the feed page. Please refer to requirement 2.16. | | | |
| Pre-conditions | | | 1. The user has logged in to the application. 2. The application has at least one recipe in its database. 3. The user visits their feed page. | | | |
| Post-conditions | | | 1. The User sees recipes that were posted. | | | |
| Notes: | |  | | | | |
| Result (Pass/Fail/Warning/Incomplete) | | Success | | | | |
|  | TEST STEP | | | EXPECTED TEST RESULTS | P | F |
| 1. | The user logs in to the application. | | | The user successfully logs in. | P |  |
| 2. | The user goes to feed page. | | | The user can see the recipes. | P |  |