| Create Account | eate Account | | | |
|-------------------------------|--|---|---|--|
| Test Case ID | Test Scenario | Preconditions | Test steps | |
| | | | 1. Enter valid first name (e.g., "John"). | |
| | | | 2. Enter valid last name (e.g., "Doe"). | |
| | | | 3. Enter valid username (e.g., "johndoe"). 4. Enter valid password (e.g., "Password123"). | |
| | | | Confirm password (e.g., "Password123"). Enter valid email (e.g., "johndoe@example.com"). | |
| | | | 6. Enter valid email (e.g., "johndoe@example.com"). | |
| TC_001 | Create Account with Valid Input | User is on the registration page | Select valid date of birth from the drop-down calendar (e.g., "01/01/1990"). Click "Create Account". | |
| 110_001 | Create Account with valid input | Oser is on the registration page | 1. Enter valid first name (e.g., "John"). | |
| | | | 2. Enter valid last name (e.g., "Doe"). | |
| | | | 3. Enter valid username (e.g., "johndoe"). | |
| | | | 4. Enter valid password (e.g., "Password123"). | |
| | | | 5. Confirm password (e.g., "Password123"). | |
| | | | 6. Enter invalid email (e.g., "johndoe"). 7. Select valid date of birth from the drop-down calendar (e.g., "01/01/1990"). | |
| TC_002 | Create Account with Invalid Email | User is on the registration page. | 8. Click "Create Account". | |
| | | | 1. Enter valid first name (e.g., "John"). | |
| | | | Enter valid last name (e.g., "Doe"). Enter valid username (e.g., "johndoe"). | |
| | | | 4 Enter valid password (e.g. "Password123") | |
| | | | Confirm password (e.g., "Password456"). Enter valid email (e.g., "johndoe@example.com"). | |
| | | | 6. Enter valid email (e.g., "johndoe@example.com"). | |
| TC 003 | Create Account with Mismatched Passwords | User is on the registration page. | Select valid date of birth from the drop-down calendar (e.g., "01/01/1990"). Click "Create Account". | |
| Edit Mealtimes | Toreate Account with Mishatched Passwords | Joset is on the registration page. | O. CHICK Create ACCOUNT. | |
| _an moultimes | | | 1. Navigate to "Edit Mealtimes & Algorithm". | |
| | | | Select new mealtime from the drop-down menu (e.g., "08:00 AM"). | |
| TO 004 | | | 3. Enter valid carb-to-unit ratio (e.g., "15"). | |
| TC_001 | Edit Mealtimes with Valid Input | User is logged in. Carb-to-unit ratio is stored (e.g., 10). | 4. Click "Save". | |
| | | | Navigate to "Edit Mealtimes & Algorithm". Select new mealtime from the drop-down menu (e.g., "08:00 AM"). | |
| | | | Leave carb-to-unit ratio field empty. | |
| TC_002 | Edit Mealtimes with Missing Carb-to-Unit Ratio | User is logged in. Carb-to-unit ratio is stored (e.g., 10). | 4. Click "Save". | |
| | | | Navigate to "Edit Mealtimes & Algorithm". | |
| | | | Leave mealtime as the default value (00:00 AM/PM). Enter valid carb-to-unit ratio (e.g., "15"). | |
| TC 003 | Edit Mealtimes with Default Mealtime (00:00 AM/P | User is logged in. Carb-to-unit ratio is stored (e.g., 10). | 4. Click "Save". | |
| _ | , | , , , | Navigate to "Edit Mealtimes & Algorithm". | |
| | | | Select new mealtime for breakfast (e.g., "08:00 AM"). | |
| | | | Enter valid carb-to-unit ratio for breakfast (e.g., "15"). Select new mealtime for lunch (e.g., "12:00 PM"). | |
| | | | 5. Enter valid carb-to-unit ratio for lunch (e.g., "12.00 P.W"). | |
| TC_004 | Edit Mealtimes with Multiple Mealtimes | User is logged in. Carb-to-unit ratio is stored (e.g., 10). | 6. Click "Save". | |
| | | | Navigate to "Edit Mealtimes & Algorithm". | |
| | | | Select new mealtime from the drop-down menu (e.g., "08:00 AM"). | |
| | | | Enter valid carb-to-unit ratio (e.g., "15"). | |
| TC_005 | Edit Mealtimes and Navigate Away Without Saving | User is logged in. Carb-to-unit ratio is stored (e.g., 10) | 4. Navigate away from the edit screen without clicking "Save". | |
| Authentication TC Auth 001 | System authenticates a user with valid credentials. | User credentials exist in the database and user is not already logged in. | Navigate to login screen. | |
| 10_71441_001 | Cyptem dune modele d'aber mai valla d'accomidate. | osor ordenialo exist in the database and aser is not already logged in. | Enter valid username and password. | |
| | | | 3. Click "Login". | |
| TC_Auth_002 | System rejects authentication with a username not in | Invalid usemame. | Enter a non-existent username. | |
| | the database. | | Enter a non-existent username. Enter any password. | |
| | | | 3. Click "Login". | |
| TC_Auth_003 | System rejects authentication with incorrect password. | Username exists but password is incorrect. | Enter a valid username. | |
| | | | Enter wrong password. Click "Login". | |
| | | | | |
| TC_Auth_004 | System prevents duplicate login for same credentials if already logged in. | User session already exists. | Attempt login from a second device/tab. | |
| | п аповоу годуво пт. | | | |
| TO 4:-#1 005 | Control of the life of the lif | I ask assa la tandad | A Lawrence wheth fields are to | |
| TC_Auth_005 | System should not authenticate if username/password fields are empty. | Login page is loaded. | Leave one or both fields empty. Click "Login". | |
| | · · · · · · · · · · · · · · · · · · · | | · · · · • | |
| TC_Auth_006 | Verify login immediately after successful sign-up. | User completes sign-up. | 1. Sign up with new username/password. | |
| 10_Autil_000 | verny login infilieulately alter successiul Sign-up. | Cool Completes agri-Up. | Sign up with new username/password. Attempt to log in with those credentials. | |
| | | | | |
| TC_Auth_007 | On successful authentication, user adherence data | User has adherence records stored. | Login with valid credentials. | |
| | should load. | | ·• | |
| | | | | |
| Access Data | | | | |
| | | | 1. Navigate to main coreon | |
| | | User is on the main screen | Navigate to main screen Press access data button | |
| TC 001 | User successfully accesses data | User has data to access | 3. Scroll to find relevant data | |
| | , | | | |
| | | User is on the main screen | Navigate to main screen Press access data button | |
| TC_002 | | User is on the main screen User has not collected any data | Press access data button Error message is displayed | |
| 502 | The state of the s | | | |
| | | | | |
| TC 003 | User exits data display | User is accessing data | 1. Press back button | |
| .5_566 | oss. omo sata display | oos to doctoomy data | | |
| | | | | |

| Expected result | Postconditions | |
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| | | |
| Account is created successfully. User is redirected to the login screen. | User credentials are stored in the system. | |
| | | |
| | | |
| | | |
| Error message: "Invalid email format. Please enter a valid email address." | User remains on the registration page. No account is created. | |
| | | |
| | | |
| | | |
| | | |
| Error message: "Passwords do not match." | User remains on the registration page. No account is created. | |
| | | |
| | | |
| Mealtime and carb-to-unit ratio are updated successfully. Previous values are overwritten | User is returned to the main screen. Updated values are stored in the sy | /stem. |
| | | |
| Error message: "Carb-to-unit ratio cannot be empty." | User remains on the edit screen. No changes are saved. | |
| | | |
| Mealtime remains as "00:00 AM/PM" (indicating no mealtime selected). Carb-to-unit ratio is updated successfully. | User is returned to the main screen. Updated values are stored in the sy | ystem. |
| | | |
| | | |
| Manifesters and each to unit ordina for headfast and head are undeted assessed the Denvis as unless as | Uses in ordered to the unit areas. Undeted only of the state of | |
| Mealtimes and carb-to-unit ratios for breakfast and lunch are updated successfully. Previous values are overwritten. | User is returned to the main screen. Updated values are stored in the sy | /stem. |
| | | |
| No changes are saved. Previous values remain unchanged. | User is returned to the main screen. No updates are made to the system | n. |
| User is authenticated, and adherence data is retrieved. | User session is initiated. | A |
| ose is autrenicated, and autrenice dald is retireved. | Cool account to millidita. | |
| Authentication fails. Error message is shown. | User stays on login screen. | |
| | | |
| Error message: "Invalid username or password." | Authentication fails. | |
| | | |
| Either session timeout on first device, or second login attempt is blocked. | One active session is maintained. | |
| and seems and seems, or seems, or second login alternation to blocked. | one down session is maintained. | |
| Error message: "Username and password are required." | Authentication fails. | |
| Lino message. Osemalite and password are required. | Autronica (IUII Idiis. | |
| Login is successful. | User session begins and adherence data is created. | |
| Login to adoption. | coor occordii begiiis and admenence data is created. | |
| Dashboard loads with user's adherence data. | Adherence data is accessible and visible. | |
| Dashdoard loads with user's adherence data. | Adherence data is accessible and visible. | |
| | | |
| | | |
| | | |
| Data is accessed and displayed | User is accessing data | |
| | | |
| User is prompted to start tracking data | User begins tracking data | |
| · · · · · · · · · · · · · · · · · · · | • · · · · · • · · · · · · · · · · · · · | |
| User is back on the main menu | User is on the main screen | |
| Open to back on the Highling | Oser is on the main screen | |