

Create Account

Test Case ID	Test Scenario	Preconditions
TC_001	Create Account with Valid Input	User is on the registration page
TC_002	Create Account with Invalid Email	User is on the registration page.
TC_003	Create Account with Mismatched Passwords	User is on the registration page.

Edit Mealtimes

TC_001	Edit Mealtimes with Valid Input	User is logged in. Carb-to-unit ratio is stored (e.g., 10).
TC_002	Edit Mealtimes with Missing Carb-to-Unit Ratio	User is logged in. Carb-to-unit ratio is stored (e.g., 10).
TC_003	Edit Mealtimes with Default Mealtime (00:00 AM/PM)	User is logged in. Carb-to-unit ratio is stored (e.g., 10).

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").
5. Confirm password (e.g., "Password123").
6. Enter valid email (e.g., "johndoe@example.com").
7. Select valid date of birth from the drop-down calendar (e.g., "01/01/1990").
8. Click "Create Account".

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").
8. Click "Create Account".

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., "Password456").
6. Enter valid email (e.g., "johndoe@example.com").
7. Select valid date of birth from the drop-down calendar (e.g., "01/01/1990").
8. Click "Create Account".

1. Navigate to "Edit Mealtimes & Algorithm".
2. Select new mealtime from the drop-down menu (e.g., "08:00 AM").
3. Enter valid carb-to-unit ratio (e.g., "15").
4. Click "Save".

1. Navigate to "Edit Mealtimes & Algorithm".
2. Select new mealtime from the drop-down menu (e.g., "08:00 AM").
3. Leave carb-to-unit ratio field empty.
4. Click "Save".

1. Navigate to "Edit Mealtimes & Algorithm".
2. Leave mealtime as the default value (00:00 AM/PM).
3. Enter valid carb-to-unit ratio (e.g., "15").
4. Click "Save".

Expected result
Account is created successfully. User is redirected to the login screen.
Error message: "Invalid email format. Please enter a valid email address."
Error message: "Passwords do not match."
Mealtime and carb-to-unit ratio are updated successfully. Previous values are overwritten
Error message: "Carb-to-unit ratio cannot be empty."
Mealtime remains as "00:00 AM/PM" (indicating no mealtime selected). Carb-to-unit ratio is updated successfully.

Postconditions				
User credentials are stored in the system.				
User remains on the registration page. No account is created.				
User remains on the registration page. No account is created.				
User is returned to the main screen. Updated values are stored in the system.				
User remains on the edit screen. No changes are saved.				
User is returned to the main screen. Updated values are stored in the system.				

TC_004	Edit Mealtimes with Multiple Mealtimes	User is logged in. Carb-to-unit ratio is stored (e.g., 10).
TC_005	Edit Mealtimes and Navigate Away Without Saving	User is logged in. Carb-to-unit ratio is stored (e.g., 10)

<ol style="list-style-type: none">1. Navigate to "Edit Mealtimes & Algorithm".2. Select new mealtime for breakfast (e.g., "08:00 AM").3. Enter valid carb-to-unit ratio for breakfast (e.g., "15").4. Select new mealtime for lunch (e.g., "12:00 PM").5. Enter valid carb-to-unit ratio for lunch (e.g., "10").6. Click "Save".
<ol style="list-style-type: none">1. Navigate to "Edit Mealtimes & Algorithm".2. Select new mealtime from the drop-down menu (e.g., "08:00 AM").3. Enter valid carb-to-unit ratio (e.g., "15").4. Navigate away from the edit screen without clicking "Save".

Mealtimes and carb-to-unit ratios for breakfast and lunch are updated successfully. Previous values are overwritten.

No changes are saved. Previous values remain unchanged.

User is returned to the main screen. Updated values are stored in the system.				
User is returned to the main screen. No updates are made to the system.				

