



**AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH**  
**FACULTY OF SCIENCE AND TECHNOLOGY**

Assignment Title:	FoodSavvy: A Digital Solution for Efficient Food Waste Management (Test Planning)		
Assignment No:	Exercise-6	Date of Submission:	18 April, 2024
Course Title:	<b>Software Engineering</b>		
Course Code:	CSC 3112	Section:	I
Semester:	Spring 2023-24	Course Teacher:	<b>Tonny Shekha Kar</b>

\* *Student(s) must complete all details except the faculty use part.*

\*\* Please submit all assignments to your course teacher or the office of the concerned teacher.

No	Name	ID	Program
1	DIP ACHORJEE SHOKAL	22-46788-1	BSc [CSE]
2	SIRAJUS SALEKEEN	21-45262-2	BSc [CSE]
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**Faculty use only**

FACULTY COMMENTS	Marks Obtained	
	Total Marks	

**Exercise-6**  
**Test Planning**

**User Registration:**

Project Name: FoodSavvy: A Digital Solution for Efficient Food Waste Management		Test Designed By: Sirajus Salekeen		
Test Case ID: FR_1		Test Designed Date: 18 April, 2024		
Test Priority (Low, Medium, High): High		Test Executed By: Sirajus Salekeen		
Module Name: User Registration		Test Execution Date: 18 April, 2024		
Test Title: Successful user registration				
Description: Verify that users can register for a new account.				
Precondition (if any): None.				
Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1.Navigate to the registration page.  2.Enter valid registration details, including name, email address and password.  3.Submit the registration form.  4.Verify that the user is redirected to the login page.  5.Attempt to login using the registered email address and password.	Name: Dip Achorjee Shokal  Email: <a href="mailto:dipachorjee@gmail.com">dipachorjee@gmail.com</a>  Password: 123d@P	The user should be able to register successfully and login with the registered credentials.	As expected	Pass
Post Condition: The user is registered and logged into their account.				

## Secure Login:

Project Name: FoodSavvy: A Digital Solution for Efficient Food Waste Management		Test Designed By: Shuvo Sarker Joy		
Test Case ID: FR_2		Test Designed Date: 18 April, 2024		
Test Priority (Low, Medium, High): High		Test Executed By: Shuvo Sarker Joy		
Module Name: Secure Login		Test Execution Date: 18 April, 2024		
Test Title: Successful login with correct credentials.				
Description: Verify that users can successfully login with the correct credentials.				
Precondition (if any): User is must registered in the system.				
Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1.Access the login page. 2.Enter the correct email address and password. 3.Submit the login form. 4.Verify that the user is successfully logged in and redirected to their account home page.	Email: <a href="mailto:sjshuvo@gmail.com">sjshuvo@gmail.com</a>  Password: Test123!	The user should be successfully logged in and redirected to their account home page.	As expected	Pass
Post Condition: The user is registered.				

### Inventory Management (Food Item Added):

Project Name: FoodSavvy: A Digital Solution for Efficient Food Waste Management		Test Designed By: Dip Achorjee Shokal		
Test Case ID: FR_3		Test Designed Date: 18 April, 2024		
Test Priority (Low, Medium, High): High		Test Executed By: Dip Achorjee Shokal		
Module Name: Inventory Management(Food item added)		Test Execution Date: 18 April, 2024		
Test Title: Track food items, quantity, expiry dates etc				
Description: Test website food inventory analytics				
Precondition (if any): User must have distributed leftover foods to this application before.				
Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1.Navigate to the “Inventory Management” section.  2.Select an existing item from the inventory for update.  3.Modify the item details, such as changing the quantity or storage.  4.Save the changes.  5.Verify that the changes are reflected accurately in the inventory.	Selected Item: Khichuri  Updated Quantity: 10kg  Expiry Date: One day after cooking.	The Changes made to the selected item should be saved and reflected accurately in the inventory.	As expected	Pass
Post Condition: The inventory reflects the added quantity and storage for the item.				

### Inventory Management (Food Item Removed):

Project Name: FoodSavvy: A Digital Solution for Efficient Food Waste Management			Test Designed By: Shuvo Sarker Joy	
Test Case ID: FR_4			Test Designed Date: 18 April, 2024	
Test Priority (Low, Medium, High): High			Test Executed By: Shuvo Sarker Joy	
Module Name: Inventory Management(Food item removed)			Test Execution Date: 18 April, 2024	
Test Title: Track food items, quantity, expiry dates etc				
Description: Test website food inventory analytics				
Precondition (if any): Inventory must have enough quantity to donate the food item.				
Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1.Navigate to the “Donation” section.  2.Select an existing item from the inventory for donation.  3.Modify the item details, such as changing the quantity or storage.  4.Save the changes.  5.Verify that the changes are reflected accurately in the inventory.	Selected Item: Khichuri  Updated Quantity: 10kg  Expiry Date: One day after cooking.	The Changes made to the selected item should be saved and reflected accurately in the inventory.	As expected	Pass
Post Condition: The inventory reflects the removed quantity and storage for the item.				

### Donation Listing:

Project Name: FoodSavvy: A Digital Solution for Efficient Food Waste Management			Test Designed By: Dip Achorjee Shokal	
Test Case ID: FR_5			Test Designed Date: 18 April, 2024	
Test Priority (Low, Medium, High): Medium			Test Executed By: Dip Achorjee Shokal	
Module Name: Donation Listing			Test Execution Date: 18 April, 2024	
Test Title: Verify that users can list their food donations accurately.				
Description: Successful donation listing				
Precondition (if any): User is logged in.				
Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1.Go to the donation listing section.  2.Enter food item details (name, quantity, expiry date etc.)  3.Submit the donation.  4.Verify accurate listing in the system.	Selected Item: Biryani  Updated Quantity: 100kg  Expiry Date: One day after cooking.	The donation should be successfully listed with the provided details.	As expected	Pass
Post Condition: The donation is listed correctly in the system.				