**GitHub: https://github.com/MSairamakrishna/SEProject2021**

**Steps for setup instructions:**

1. Extract the zip file.
2. Start apache and mysql in XAMPP.
3. Copy Farmer.sql code and paste in local host SQL tab for creating new database, tables and records.
4. Open <http://localhost:8080/SEProject2021/client/index.php> for buyer view.
5. Open <http://localhost:8080/SEProject2021/Vendor/index.php> for vendor view.

**Test Cases:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Testcase No | Traces to Requirement No. | Test Steps | Expected Output | Comments | Pass/Fail |
| **Homepage Navigation** | | | | | |
| 1. | 1.ii | 1. Guest user navigates to the homepage.  2. Buyer navigates to animal husbandry, welcome message, weather, announcements, activities and social media icons. | 1.Details available in the dashboard. |  | Pass |
| 2. | 1.iv | 1. Guest user navigates to the homepage.  2. Buyer clicks feedback button.  3. Fill up the details like sai, “Design is nice please include more delivery options”  4. Clicks the submit button. | 1. Feedback is submitted message will be displayed. |  | Pass |
| 3. | 1. iv | 1. Guest user navigates to the homepage.  2. Guest user clicks feedback button.  3. Fill up the details like (empty space), “Design is nice please include more delivery options”  4. Clicks the submit button. | 1. Message displays “ Please enter the name”. |  | Pass |
| 4. | 1.ii | 1. Buyer logs into the account.  2. Buyer navigates to the homepage.  3. Guest user navigates to animal husbandry, welcome message, weather, announcements, activities and social media icons. | 1.Details available in the dashboard. |  | Pass |
| 5. | 1.iv | 1. Buyer logs into the account.  2. Buyer navigates to the homepage.  3. Buyer clicks feedback button.  4. BuyerID, Name and Survey No. will be automatically displayed.  5. Fill up the comment like “Design is nice please include more delivery options”  6. Clicks the submit button. | 1. Feedback is submitted message will be displayed |  | Pass |
| 6. | 1.iv | 1. Buyer logs into the account.  2. Buyer navigates to the homepage.  3. Buyer clicks feedback button.  4. BuyerID, Name and Survey No. will be automatically displayed.  3.Give empty space  4. Click the submit button. | 1. Message displays  “Please fill feedback”. |  | Pass |
| 5 | 1.iv | 1. Vendor logs in to the account.  2. Vendor navigates to feedback the webpage. | 1. Feedback requests submitted by seller/guest user will be displayed. |  | Pass |
| **Login:** | | | | | |
| 6. | 2.a | 1.Buyer navigates to register page.  2. Buyer enters Name: sai, BuyerID: sai21, password: S@i123, age: 25, Sex: M, Mobile No.: 9999999999, Survey No.: 1234, Address: “Stella Street”, Locality: Denton, State: Texas, Profession: IT engineer, Yearly income: 100000, Farming Practice: paddy, Land owned(Acres): 10, Challenges Faced: Irrigation, Security Question: What is your mother maiden name, Security Answer: “Vijaya”.  3. Buyer clicks create account. | Message “ Account created successfully.” |  | Pass |
| 7. | 2.a | 1.Buyer navigates to register page.  2. Buyer enters Name: sai, BuyerID: (empty).  3. Buyer clicks create account. | Message “ Please your BuyerID” |  | Pass |
| 8. | 2.a | 1.Buyer navigates to register page.  2. Buyer enters Name: sai, BuyerID: sai21, password: 123  3. Buyer clicks create account.. | Message  “Please enter password with minimum requirements  Should be 5 minimum with (@,$,!,&) and atleast one numerical and uppercase” |  | Pass |
| 8. | 2.b | 1.Buyer navigates to login page.  2.Buyer enters Buyer ID: sai and password:S@i123  3.Buyer clicks Log in. | Message “Welcome Sai” |  | Pass |
| 9. | 2.b | 1.Buyer navigates to login page.  2.Buyer enters Buyer ID:(empty) and password:S@i123  3.Buyer clicks Log in. | Message “Please enter required field.” |  | Pass |
| 10. | 2.d | 1. Buyer navigates to login page.  2. Buyer enters username: sai and password: kjfcl  3. Buyer clicks Log in | Error message “Your ID or Password may be wrong”. |  | Pass |
| 11. | 2.e | 1.Vendor navigates to login page.  2.Vendor enters Vendor ID: (empty) and Vendor password: V@i123  3.Vendor clicks Log in. | Message “Please enter Vendor ID.” |  | Pass |
| 12. | 2.d | 1.Vendor navigates to login page.  2.Vendor clicks login.  3.Buyer enters username: vendor and password: kjfcl. | Message “Incorrect credentials”. |  | Pass |
| **Vendor View:** | | | | | |
| 13. | 3.a.i | 1. Vendor logs in.  2. Vendor navigates to the products page.  3. vendor fills the details such as price per qt: 100, quantity(qt):5, quality: High, details: paddy, image: Image object, Type: crop.  4. Vendor clicks Add product. | Message “Products has inserted successfully” |  | Pass |
| 14. | 3.a.i | 1. Vendor logs in.  2. Vendor navigates to the products page.  3. Vendor fills the details such as Name: (empty), code: WHT, Image path: images/apple.jpeg, Quantity: 1, quality: High, details: paddy, Category: seeds, Price: 2.  4. Vendor clicks add product. | Message “Please enter the name.” |  | Pass |
| 15. | 3.b.i | 1. Vendor navigates to the activities page.  2.vendor selects the type of dashboard: activity  3. vendor enters description: Farmers meeting at Denton on 10/22/2021.  4. Vendor clicks add activity. | Message “Activities are updated…” |  | Pass |
| 16. | 3.b.ii | 1. Vendor navigates to the organic farming.  2.Vendor clicks on Add entry.  3. Vendor enters crop name: wheat, best practices: farming, articles: url  3. Vendor clicks Add entry. | Message “Entries are added.” |  | Pass |
| 17. | 3.c.i | 1. Vendor navigates to the Show User page.  2. vendor deletes the account id of the buyer.  3. vendor clicks delete. | Message “User data is deleted.” |  | Pass |
| 18. | 3.c.ii | 1. Vendor navigates to the Product Mgmt.  2. Vendor deletes the product id.  3. vendor clicks delete. | Message “Product has successfully deleted.” |  | Pass |
| **Buyer Profile:** | | | | | |
| 19. | 4.a.i | 1.Buyer logs in to the account.  2. Navigate to the My profile.  3. Buyer updates Buyer enters Name: soi, BuyerID: sai21, password: S@i123, age: 25, Sex: M, Mobile No.: 9999999999, Survey No.: 1234, Address: “Stella Street”, Locality: Denton, State: Texas, Profession: IT engineer, Yearly income: 100000, Farming Practice: paddy, Land owned(Acres): 10, Challenges Faced: Irrigation, Security Question: What is your mother maiden name, Security Answer: “Vijaya”.  4. Click on update profile. | Message” Account updated successfully”. |  | Pass |
| 20. | 4.a.iv | 1. Buyer logs in to the account  2.Navigate to Buyer profile.  3. Buyer updates Buyer enters Name: soi, BuyerID: sai21, password: S@i123, age: empty.  4.click update profile. | Message “Please fill the age.” |  | Pass |
| 21. | 4.a.iii | 1.Buyer logs in to the account  2.Navigate to My profile.  3. Click on Change Password.  4. Buyer enters security answer: Vijaya, password: S@ii123  5. Clicks change Password. | Message: “Password updated successfully” |  | Pass |
| 22. | 4.a.iii | 1.Buyer logs in to the account.  2. Navigate to Buyer profile.  3. Click on Change Password.  4.Enters password: qwerty  5.Clicks change Password Button. | Message  “Please enter password with minimum requirements  Should be 5 minimum with (@,$,!,&) and atleast one numerical and uppercase” |  | Pass |
| 23. | 4.a.iii | 1. Buyers logs in to the account.  2.Navigate to Buyer profile  3.Click on Change Password.  4.Enters password: (empty).  5.Click on change Password Button | Message: “Please enter your password.” |  | Pass |
| **Inquiry:** | | | | | |
| 24. | 4.b.ii | 1. Buyer logs in to the account.  2. Navigate to the Inquiry.  3. Fills the details like topic of the query: Pesticide query, details: What pesticides can we use for paddy crop?  4. clicks on submit. | Message: “Inquiry is done.” |  | Pass |
| 25. | 4.b.ii | 1. Buyer logs in to the account.  2. Navigate to the Inquiry.  3. Fills the details like topic of the query: (empty), query details: What pesticides can we use for paddy crop?  4. clicks on submit. | Message:  “Please enter query topic”. |  | Pass |
| 26. | 4.b.iv | 1. Buyer logs in to the account.  2. Buyer navigates to inquiry page.  3. Buyer clicks Search profiles.  4. Buyer selects values in the dropdown locality: Denton  5. Buyer clicks search. | 1. Displays profile and details of the buyers in denton. |  | Pass |
| **Checkout:** | | | | | |
| 27. | 4.c.x | 1. Buyer logs in to the account.  2. Navigate to the cart page.  3. Buyer selects the product with the desired quality: High and quantity:1  4. Buyer clicks add products to the cart.  5. Buyer submits the cart.  6. Buyer selects the cash on delivery option.  7. Buyer clicks on submit cart. | 1. Buyer gets a confirmation receipt displayed over the screen. |  | Pass |
| 28. | 4.c.vi | 1. Buyer logs in to the account.  2. Navigate to the cart page.  3. Buyer selects quantity (0).  4. Buyer clicks add products to the cart. | 1. Buyer will get displayed an error message as “Quantity must be greater than 0”. |  | Pass |
| 29. | 4.c.vii | 1. Buyer logs in to the account.  2. Navigate to the cart page.  3. Buyer clicks add products to the cart. | 1. Buyer will get displayed an error message as “Cart is empty. Please select atleast one product”. |  | Fail |
| **Organic Farming** | | | | | |
| 30. | 4.d.i | 1. Buyer logs in to the account.  2. Buyer navigates to the organic farming webpage.  3. Buyer views the crop name, best practices, articles, farmer name for each item. | 1. Buyer views the crop name, best practices, articles, farmer name for each item. |  | Pass |