**Test Case**

**On**

**“Information and Management of Pest with Prevention and Damage Control”**



**Submitted by: Submitted To:**

Bhavyakumar Chaudhary (06-0202-2016) Dr. R. S. Parmar

**Project Name:** Information and Management of Pest with Prevention and Damage Control

**Test Case**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Case IDL:** Mitrakitak \_01 | | |  | **Test Designed by: Bhavyakumar Chaudhary** | |  |  |  | | |
|  |  |  |  |  |  |  |  |  | | |
| **Test Priority (Low/Medium/High):** Medium | | |  | **Test Executed by: Bhavyakumar Chaudhary** | |  |  |  | | |
|  |  |  |  |  |  |  |  |  | | |
| **Module Name:** Login Authentication | | |  |  | |  |  |  | | |
|  |  |  |  |  |  |  |  |  | | |
| **Test Title:** Verify login with valid username and password | | | |  | |  |  |  | | |
|  |  |  |  |  |  |  |  |  | | |
| **Description:** Login Screen | |  |  |  |  |  |  | | | | | |  |
|  |  |  |  |  |  |  |  |  | |
| **Pre-conditions:** User has valid username and password | | | |  |  |  |  |  | | | |
| **Dependencies:** | |  |  |  |  |  |  |  | | | |
|  |  |  |  |  |  |  |  |  | | | |
| **Step** | **Test Steps** | **Test Data** | **Expected Result** |  | **Actual Result** | **Status (Pass/Fail)** | **Notes** |  | | | |
|  |  |  |  |  |  |  |  |  | | | |
| 1 | Navigate to login page | Username: |  |  | User is navigated to |  |  |  | | | |
| 2 | Provide valid username | Admin |  |  |  |  |  | | | |
| User should be able to login | | Home Page with successful | Pass |  | |  | |
| 3 | Provide valid password | Password: |  | |  | |
|  |  | login |  |  |  | | |
| 4 | Click on Login button | Admin |  |  |  |  |  | | |
|  |  |  |  |  |  | | |

**Post-conditions:**

User is validated with database and successfully login to account.

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|  |  |  |  | **Test Case** | |  |  |  | | |  |  |
|  | **Test Case ID:** Mitrakitak\_10 | |  |  | **Test Designed by: Bhavyakumar Chaudhary** | |  |  |  |
|  |  |  |  |  |  |  |  |  | | |  |  |
|  | **Test Priority (Low/Medium/High):** Medium | | |  | **Test Executed by : Bhavyakumar Chaudhary** | |  |  | | |  |  |
|  |  |  |  |  |  |  |  |  | | |  |  |
|  | **Module Name**: Admin module | | |  |  | |  |  | | |  |  |
|  |  |  |  |  |  |  |  |  | | |  |  |
|  | **Test Title:** Verify all the data is inserted successfully or not | | | |  | |  |  | | |  |  |
|  |  |  |  |  |  |  |  |  | | |  |  |
|  | **Description:** Pest, Pest Information are uploaded successfully. | | |  |  |  |  |  | | |  |  |
|  |  |  |  |  |  |  |  |  | | |  |  |
|  | **Pre-conditions: Admin** must be logged in. | | |  |  |  |  |  | | |  |  |
|  | **Dependencies:** Pest information is uploaded to respective crop. | | | | | |  |  | | |  |  |
|  |  |  |  |  | |  |  |  | | |  |  |
|  | **Step** | **Test Steps** | **Test Data** | **Expected Result** | | **Actual Result** | **Status (Pass/Fail)** | **Notes** | | |  |  |
|  |  |  |  |  |  |  |  |  | | |  |  |
|  | 1 | Login | Username: |  |  |  |  |  | | |  |  |
|  | 2 | Navigate to To pest and pest information page |  |  |  |  |  | | |  |  |
|  | Admin | All the information of Pest and respective Information is Successfully Uploaded. | | All the information of Pest and respective Information is Successfully Uploaded. | Pass |  | | |  |  |
|  |  |  | Password: |  | |  |  | | |  |  |
|  |  | Click on Pest and Pest Information |  |  | | |  |  |
|  | 3 | Admin |  |  |  |  |  | | |  |  |
|  |  | Button |  |  |  |  |  |  | | |  |  |
|  |  | |  |  |  |  |  |  | | |  |  |
|  | **Post-conditions:** -NIL- | |  |  |  |  |  |  | | |  |  |
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**Project Name:** Information and Management of Pest with Prevention and Damage Control

**Test Case**

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| **Test Case ID:** Mitrkitak\_15 | |  |  | | **Test Designed by: Bhavyakumar Chaudhary** | | |  |  |  | |
|  |  |  |  | |  |  | |  |  |  | |
| **Test Priority (Low/Medium/High):** Medium | | |  | | **Test Executed by: Bhavyakumar Chaudhary** | | |  |  |  | |
|  |  |  |  | |  |  | |  |  |  | |
| **Module Name:** Scientist | |  |  | |  | | |  |  |  | |
|  |  |  |  | |  |  | |  |  |  | |
| **Test Title:** Verify question answer module in the Scientist | | | | |  | | |  |  |  | |
|  |  |  |  | |  |  | |  |  |  | |
| **Description:** View the all question of farmer to scientist and also update the information of pest. | | |  | |  |  | |  |  |  | |
|  |  |  |  | |  |  | |  |  |  | |
| **Pre-conditions:** Scientist must be logged in. | |  |  | |  |  | |  |  |  |
| **Dependencies:** Scientist must be give answer of respective farmers questions. | | | | | | | |  |  |  | |
|  |  |  | |  |  | |  |  |  |  | |
| **Step** | **Test Steps** | **Test Data** | | **Expected** |  | | **Actual Result** | **Status** | **Notes** |  | |
| **Result** |  | | **(Pass/Fail)** |  | |
|  |  | Username: | |  |  | |  |  |  |  | |
| 1 | Login | Nigam | |  |  | |  |  |  |  | |
| Password: | |  |  | |  |  |  |  | |
|  |  |  | |  |  |  |  | |
|  |  | 123 | |  |  | |  |  |  |  | |
| 2 | Navigate to Question answer Page |  | | Question of Partucular farmer is answered by scientist and displayed to respective farmer. |  | | Question of Partucular farmer is answered by scientist and displayed to respective farmer. | Pass |  |  | |
|  |  |  | |  |  | |  |  |  | |
| 3 | Select Question | What is thePest? | |  |  | |  |  |  | |
|  | |  |  |  |  | |
|  |  | Pest is Living organism that damage the crop. | |  |  | |  |  |  |  | |
| 4 | Type answer to that question |  | |  |  | |  |  |  |  | |
|  |  |  | |  |  | |  |  |  |  | |

**Post-conditions:** -NIL-

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | **Test Case** | |  |  |  | | |  |  |
|  | **Test Case ID:** Mitrakitak\_20 | |  |  | **Test Designed by: Bhavyakumar Chaudhary** | |  |  |  |
|  |  |  |  |  |  |  |  |  | | |  |  |
|  | **Test Priority (Low/Medium/High):** Medium | | |  | **Test Executed by : Bhavyakumar Chaudhary** | |  |  | | |  |  |
|  |  |  |  |  |  |  |  |  | | |  |  |
|  | **Module Name**: Farmer module | | |  |  | |  |  | | |  |  |
|  |  |  |  |  |  |  |  |  | | |  |  |
|  | **Test Title:** Ask question to scientist | | | |  | |  |  | | |  |  |
|  |  |  |  |  |  |  |  |  | | |  |  |
|  | **Description:** Ask question to scientist and also see the information about Pest. | | |  |  |  |  |  | | |  |  |
|  |  |  |  |  |  |  |  |  | | |  |  |
|  | **Pre-conditions: Farmer** must be logged in. | | |  |  |  |  |  | | |  |  |
|  | **Dependencies:** Pest information is given by application is in right way. | | | | | |  |  | | |  |  |
|  |  |  |  |  | |  |  |  | | |  |  |
|  | **Step** | **Test Steps** | **Test Data** | **Expected Result** | | **Actual Result** | **Status (Pass/Fail)** | **Notes** | | |  |  |
|  |  |  |  |  |  |  |  |  | | |  |  |
|  | 1 | Login | Username: |  |  |  |  |  | | |  |  |
|  | 2 | Navigate to Question answer page and also Pest information page |  |  |  |  |  | | |  |  |
|  | Meet | All the information of Pest is taken by farmer and also send the question of farmer and respective answer by scientist. | | All the information of Pest is taken by farmer and also send the question of farmer and respective answer by scientist. | Pass |  | | |  |  |
|  |  |  | Password: |  | |  |  | | |  |  |
|  |  | Click on Pest Information |  |  | | |  |  |
|  | 3 | 123 |  |  |  |  |  | | |  |  |
|  |  | Button and also send the question to scientist by pressing send button. |  |  |  |  |  |  | | |  |  |
|  |  | |  |  |  |  |  |  | | |  |  |
|  | **Post-conditions:** -NIL- | |  |  |  |  |  |  | | |  |  |
|  |  |  |  |  |  |  |  |  | | |  |  |