**Test Cases for User/Administrator:**

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| **Project Title:** Employee Management System | | | | | | | |
| **Test Case ID:** EMS01 | | | | **Designed By:** Shovan Raj Joshi | | | |
| **Test Title:** Login Verification | | | | **Date of Design:** June 14th, 2019 | | | |
| **Test Description:** Testing the login of a user | | | | **Executed By:** Shovan Raj Joshi | | | |
| **Date of Execution:** June 24th, 2019 | | | |
| **Pre-Condition:** Valid data/details should be entered by the user. | | | | | | | |
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| **Step S.N.** | **Test Steps** | **Test Data** | **Expected Result** | | **Actual Result** | **Status** | **Remarks** |
| 1 | Go to Login form |  | Should direct to Login form. | | Login form was displayed. | Pass | Completed |
| 2 | Enter valid username | ShovanRJ |  | |  |  |  |
| 3 | Enter valid password | Arch404 |  | |  |  |  |
| 4 | Click on the Login button |  | Should direct to Dashboard if username and password is valid. | | Dashboard was displayed. | Pass | Completed |

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| **Project Title:** Employee Management System | | | | | | | |
| **Test Case ID:** EMS02 | | | | **Designed By:** Shovan Raj Joshi | | | |
| **Test Title:** Registering a user | | | | **Date of Design:** June 14th, 2019 | | | |
| **Test Description:** Testing to register a user into the web application | | | | **Executed By:** Shovan Raj Joshi | | | |
| **Date of Execution:** June 24th, 2019 | | | |
| **Pre-Condition:** Valid data/details should be entered by the user. | | | | | | | |
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| **Step S.N.** | **Test Steps** | **Test Data** | **Expected Result** | | **Actual Result** | **Status** | **Remarks** |
| 1 | Go to Register Form |  | Should direct to Login form. | | Login form was displayed. | Pass | Completed |
| 2 | Enter username | shovan |  | |  |  |  |
| 3 | Enter password | arch |  | |  |  |  |
| 4 | Click on Register Button |  | A message saying that a user has been created should be displayed. | | The message was displayed. | Pass | Completed |

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| **Project Title:** Employee Management System | | | | | | | |
| **Test Case ID:** EMS03 | | | | **Designed By:** Shovan Raj Joshi | | | |
| **Test Title:** To View all existing projects | | | | **Date of Design:** June 18th, 2019 | | | |
| **Test Description:** Testing the display of all products | | | | **Executed By:** Shovan Raj Joshi | | | |
| **Date of Execution:** June 24th, 2019 | | | |
| **Pre-Condition:** | | | | | | | |
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| **Step S.N.** | **Test Steps** | **Test Data** | **Expected Result** | | **Actual Result** | **Status** | **Remarks** |
| 1 | Click on the button ( Project ) |  | Should direct to add project form. | | Form to add project was displayed. | Pass | Completed |
| 2 | Click on the view button in menu strip. |  | Should direct to view project form. | | Form to view project was displayed. | Pass | Completed |
| 3 | Click on the button (View Project Details) |  | All the existing projects and its details were expected to be displayed | | All the existing projects and its details were displayed. | Pass | Completed |

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| **Project Title:** Employee Management System | | | | | | | |
| **Test Case ID:** EMS04 | | | | **Designed By:** Shovan Raj Joshi | | | |
| **Test Title:** To add project and its details. | | | | **Date of Design:** June 18th, 2019 | | | |
| **Test Description:** Testing the display of details of a product | | | | **Executed By:** Shovan Raj Joshi | | | |
| **Date of Execution:** June 24th, 2019 | | | |
| **Pre-Condition:** Valid data/details should be entered by the user. | | | | | | | |
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| **Step S.N.** | **Test Steps** | **Test Data** | **Expected Result** | | **Actual Result** | **Status** | **Remarks** |
| 1 | Click on the button ( Project ) |  | Should direct to add project form. | | Form to add project was displayed. | Pass | Completed |
| 2 | Enter Project name | Cerberus |  | |  |  |  |
| 3 | Enter Project description | Retrieve Intel from Kandahar |  | |  |  |  |
| 4 | Enter Project’s start date. | 2019-06-30 |  | |  |  |  |
| 5 | Enter project’s end date | 2019-09-24 |  | |  |  |  |
| 6 | Click on the button (Save) |  | A message saying that the project has been added should be displayed. | | The message was displayed. | Pass | Complete |

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| **Project Title:** Employee Management System | | | | | | | |
| **Test Case ID:** EMS05 | | | | **Designed By:** Shovan Raj Joshi | | | |
| **Test Title:** To update product details. | | | | **Date of Design:** June 18th, 2019 | | | |
| **Test Description:** Testing the display of details of a product | | | | **Executed By:** Shovan Raj Joshi | | | |
| **Date of Execution:** June 24th, 2019 | | | |
| **Pre-Condition:** Valid data/details should be entered by the user. | | | | | | | |
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| **Step S.N.** | **Test Steps** | **Test Data** | **Expected Result** | | **Actual Result** | **Status** | **Remarks** |
| 1 | Click on the button ( Project ) |  | Should direct to add project form. | | Form to add project was displayed. | Pass | Completed |
| 2 | Click on the update button in menu strip. |  | Should direct to update project form. | | Form to update project was displayed. | Pass | Completed |
| 3 | Select the existing project ID form the combo box. | 01 |  | |  |  |  |
| 4 | Enter Project name | Cerberus123 |  | |  |  |  |
| 5 | Enter Project description | Retrieve Intel from Kandahar |  | |  |  |  |
| 6 | Enter Project’s start date. | 2019-06-30 |  | |  |  |  |
| 7 | Enter project’s end date | 2019-12-24 |  | |  |  |  |
| 8 | Click on the button (Update) |  | A message saying that the project details has been updated should be displayed. | | The message was displayed. | Pass | Complete |

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| **Project Title:** Employee Management System | | | | | | | |
| **Test Case ID:** EMS06 | | | | **Designed By:** Shovan Raj Joshi | | | |
| **Test Title:** To delete product and its detail. | | | | **Date of Design:** June 18th, 2019 | | | |
| **Test Description:** Testing the display of details of a product | | | | **Executed By:** Shovan Raj Joshi | | | |
| **Date of Execution:** June 24th, 2019 | | | |
| **Pre-Condition:** Valid data/details should be entered by the user. | | | | | | | |
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| **Step S.N.** | **Test Steps** | **Test Data** | **Expected Result** | | **Actual Result** | **Status** | **Remarks** |
| 1 | Click on the button ( Project ) |  | Should direct to add project form. | | Form to add project was displayed. | Pass | Completed |
| 2 | Click on the delete button in menu strip. |  | Should direct to delete project form. | | Form to delete project was displayed. | Pass | Completed |
| 3 | Select the existing project ID form the combo box. | 01 |  | |  |  |  |
| 4 | Enter Project name | Cerberus123 |  | |  |  |  |
| 8 | Click on the button (Delete) |  | A message saying that the project details has been deleted should be displayed. | | The message was displayed. | Pass | Complete |

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| **Project Title:** Employee Management System | | | | | | | |
| **Test Case ID:** EMS07 | | | | **Designed By:** Shovan Raj Joshi | | | |
| **Test Title:** To View all existing assignment | | | | **Date of Design:** June 18th, 2019 | | | |
| **Test Description:** Testing the display of all products | | | | **Executed By:** Shovan Raj Joshi | | | |
| **Date of Execution:** June 24th, 2019 | | | |
| **Pre-Condition:** | | | | | | | |
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| **Step S.N.** | **Test Steps** | **Test Data** | **Expected Result** | | **Actual Result** | **Status** | **Remarks** |
| 1 | Click on the button ( Project ) |  | Should direct to add assignment form. | | Form to add assignment was displayed. | Pass | Completed |
| 2 | Click on the view button in menu strip. |  | Should direct to view assignment form. | | Form to view assignment was displayed. | Pass | Completed |
| 3 | Click on the button (View Assignment Details) |  | All the existing assignments and its details were expected to be displayed | | All the existing assignments and its details were displayed. | Pass | Completed |

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| **Project Title:** Employee Management System | | | | | | | |
| **Test Case ID:** EMS08 | | | | **Designed By:** Shovan Raj Joshi | | | |
| **Test Title:** To assign assignment | | | | **Date of Design:** June 18th, 2019 | | | |
| **Test Description:** Testing the display of details of a product | | | | **Executed By:** Shovan Raj Joshi | | | |
| **Date of Execution:** June 24th, 2019 | | | |
| **Pre-Condition:** Valid data/details should be entered by the user. | | | | | | | |
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| **Step S.N.** | **Test Steps** | **Test Data** | **Expected Result** | | **Actual Result** | **Status** | **Remarks** |
| 1 | Click on the button ( Assignment ) |  | Should direct to add assignment form. | | Form to add assignment was displayed. | Pass | Completed |
| 2 | Select employee id from existing employees. | 01 |  | |  |  |  |
| 3 | Select project id from existing projects. | 04 |  | |  |  |  |
| 3 | Enter Project Name | Winterfell |  | |  |  |  |
| 4 | Enter Assignment date. | 2019-06-14 |  | |  |  |  |
| 5 | Click on the button (Save) |  | A message saying that the assignment has been added should be displayed. | | The message was displayed. | Pass | Complete |

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| **Project Title:** Employee Management System | | | | | | | |
| **Test Case ID:** EMS09 | | | | **Designed By:** Shovan Raj Joshi | | | |
| **Test Title:** To delete assignment and its details. | | | | **Date of Design:** June 18th, 2019 | | | |
| **Test Description:** Testing the display of details of a product | | | | **Executed By:** Shovan Raj Joshi | | | |
| **Date of Execution:** June 24th, 2019 | | | |
| **Pre-Condition:** Valid data/details should be entered by the user. | | | | | | | |
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| **Step S.N.** | **Test Steps** | **Test Data** | **Expected Result** | | **Actual Result** | **Status** | **Remarks** |
| 1 | Click on the button ( Assignment ) |  | Should direct to add assignment form. | | Form to add assignment was displayed. | Pass | Completed |
| 2 | Click on the delete button in menu strip. |  | Should direct to delete assignment form. | | Form to delete assignment was displayed. | Pass | Completed |
| 3 | Select the existing assignment ID form the combo box. | 11 |  | |  |  |  |
| 4 | Enter Project name | Winterfell |  | |  |  |  |
| 8 | Click on the button (Delete) |  | A message saying that the assignment details has been deleted should be displayed. | | The message was displayed. | Pass | Complete |

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| **Project Title:** Employee Management System | | | | | | | |
| **Test Case ID:** EMS10 | | | | **Designed By:** Shovan Raj Joshi | | | |
| **Test Title:** To add salary and its details. | | | | **Date of Design:** June 18th, 2019 | | | |
| **Test Description:** Testing the display of details of a product | | | | **Executed By:** Shovan Raj Joshi | | | |
| **Date of Execution:** June 24th, 2019 | | | |
| **Pre-Condition:** Valid data/details should be entered by the user. | | | | | | | |
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| **Step S.N.** | **Test Steps** | **Test Data** | **Expected Result** | | **Actual Result** | **Status** | **Remarks** |
| 1 | Click on the button ( Salary ) |  | Should direct to add salary form. | | Form to add salary was displayed. | Pass | Completed |
| 2 | Select employee id from existing employees. | 02 |  | |  |  |  |
| 3 | Enter Salary Amount | 2000 |  | |  |  |  |
| 4 | Enter Salary Bonus | 250 |  | |  |  |  |
| 5 | Enter Salary Payday | 2019-08-01 |  | |  |  |  |
| 6 | Click on the button (Save) |  | A message saying that the salary has been added should be displayed. | | The message was displayed. | Pass | Complete |