| Use case under test | Use case ”Create project” | | | |
| --- | --- | --- | --- | --- |
| Scenario | Main scenario | | | |
| Precondition | System should be running | | | |
|  | | | | |
| Step | Action | Expected result/observation | Actual result/observation | Assessment(PASS/FAIL) |
| 1 | Click on add project | New project window will open | New project windows opens | PASS |
| 2 | Enter project title, customer name, project description and set a project deadline, then save project | Information will be saved, the project window should now be updated with entered information. The project should also have been given an id, progress off 0% and 0 hours spent | After entering information and saving, the window is updated with entered information and progress is 0%, hours spent 0 and id is updated | PASS |

| Use case under test | Use case ”Create project” | | | |
| --- | --- | --- | --- | --- |
| Scenario | Exception scenario | | | |
| Precondition | System should be running | | | |
|  | | | | |
| Step | Action | Expected result/observation | Actual result/observation | Assessment(PASS/FAIL) |
| 1 | Click on add project | New project window will open | New project windows opens | PASS |
| 2 | Enter customer name and nothing else | Error will be displayed, explaining what information is missing | Nothing happens | FAIL |

| Use case under test | Use case ”Manage team members” | | | |
| --- | --- | --- | --- | --- |
| Scenario | Main scenario | | | |
| Precondition | System should be running, and there has to be a project in the system to which team members can be assigned. | | | |
|  | | | | |
| Step | Action | Expected result/observation | Actual result/observation | Assessment(PASS/FAIL) |
| 1 | Search for specific project | Specific project found | No search function implemente. Manual search works | PASS? |
| 2 | Select the project and open it | Project information will be displayed | Project window opens and information is displayed | PASS |
| 3 | Click on add team member | New team member window will be displayed | New team member window opens | PASS |
| 4 | Enter name, choose role and click save | Team member window will close, project window will open and the team member is now displayed in the team member list | Project window opens. Team member is list in team member list with name and role | PASS |
| 5 | Select team member to edit and click edit team member | Team member window opens and displays information of selected team member | Team member window opens, with selected team member name, role and the members unique id | PASS |
| 6 | Choose a new role and click save | Team member window closes, project window opens and the team members role is changed to the newly selected role | Project window opens and the newly saved role is displayed in the team member list | PASS |
| 7 | Select team member to be removed and click remove | Confirmation box will appear and ask if you want to remove selected team member | Confirmation box appears | PASS |
| 8 | Choose Ok | Selected team member will now be removed from the projects team member list | Team member disappears from the team member list | PASS |

| Use case under test | Use case ”Manage team members” | | | |
| --- | --- | --- | --- | --- |
| Scenario | Exception scenario | | | |
| Precondition | System should be running, and there has to be a project in the system to which team members can be assigned. | | | |
|  | | | | |
| Step | Action | Expected result/observation | Actual result/observation | Assessment(PASS/FAIL) |
| 1 | Search for specific project | Specific project found | No search function implemente. Manual search works | PASS? |
| 2 | Select the project and open it | Project information will be displayed | Project window opens and information is displayed | PASS |
| 3 | Click on add team member | New team member window will be displayed | New team member window opens | PASS |
| 4 | Only enter name, do not select a role | An error will be listed with information about what went wrong | Nothing happens | FAIL |

| Use case under test | Use case ”Manage requirements” | | | |
| --- | --- | --- | --- | --- |
| Scenario | Main scenario | | | |
| Precondition | System should be running, and a project should already be created in the system. The project in question should have at least one team member assigned | | | |
|  | | | | |
| Step | Action | Expected result/observation | Actual result/observation | Assessment(PASS/FAIL) |
| 1 | Select the project and open it | Project information will be displayed | Project window opens and information is displayed | PASS |
| 2 | Click on add requirement | New requirement window will be displayed | New requirement window is opened | PASS |
| 3 | Enter estimated time, user story, deadline, priority, responsible team member and save the requirement | Requirement window will be update with entered information, and will be given a unique id | Requirement window is updated, but window title is still “New Requirement” | FAIL |
| 4 | Click on back and choose ok in confirmation box | Project window will open, the newly added requirement will be displayed in the requirement list. | Project window opens, and the requirement is listed | PASS |
| 5 | Select the requirement and click on requirement details | Requirement window will open and show information from selected requirement | Requirement window opens and displays information of selected requirement | PASS |
| 6 | Edit estimated time, user story, priority, responsible team member and save the requirement | Requirement window will be update with entered information | Requirement window is updated with edited information | PASS |
| 7 | Click on back and choose ok in confirmation box | Project window will open, the requirement will be displayed in the requirement list, with the edited information | Project window opens, and the requirement is listed with edited changes displayed | PASS |
| 8 | Select requirement and remove it | Confirmation box will appear and ask if you want to remove selected requirement | Confirmation box appears | PASS |
| 9 | Choose Ok | Selected requirement will now be removed from the projects requirement list | Requirement is removed from the list | PASS |

| Use case under test | Use case ”Manage requirements” | | | |
| --- | --- | --- | --- | --- |
| Scenario | Exception scenario | | | |
| Precondition | System should be running, and a project should already be created in the system, with at least one requirement. The project in question should have at least one team member assigned | | | |
|  | | | | |
| Step | Action | Expected result/observation | Actual result/observation | Assessment(PASS/FAIL) |
| 1 | Select the project and open it | Project information will be displayed | Project window opens and information is displayed | PASS |
| 2 | Select a requirement and click on details | Requirement window will be displayed with information from selected requirement | Requirement window is opened and displays information about selected requirement | PASS |
| 3 | Enter characters into the estimate time box | Information will not be saved and an error text will be displayed with information about what is wrong | No information is save, error text is displayed, but it does not explain in an understandable way what went wrong | FAIL |

| Use case under test | Use case ”Update tasks” | | | |
| --- | --- | --- | --- | --- |
| Scenario | Main scenario | | | |
| Precondition | System should be running, and a project with one requirement which contains one task, should already be created in the system. | | | |
|  | | | | |
| Step | Action | Expected result/observation | Actual result/observation | Assessment(PASS/FAIL) |
| 1 | Search | Not implemented | Not implemented | FAIL |
| 2 | Select the project and open it. | Project information will be displayed | Project window opens and information is displayed | PASS |
| 3 | Note down total time spent | Note taken | Took note | -- |
| 4 | Select a requirement and click on details | Requirement window will be displayed with information from selected requirement | Requirement window is opened and displays information about selected requirement | PASS |
| 5 | Select a task and click on open | Task window will open and display information about selected task | Task window opens and displays information about selected task | PASS |
| 6 | Enter hours worked and save | Hours worked is now updated to include entered hours | Hours worked updated to include entered hours | PASS |
| 7 | Click on home, choose ok in confirmation box | Home window will be displayed | Home window is displayed | PASS |
| 8 | Select the project and open it. | Project information will be displayed | Project window opens and information is displayed | PASS |
| 9 | Read project information | Project information about time spent is updated with time entered earlier | Time spent is now increased by amount of hours entered earlier | PASS |

| Use case under test | Use case ”Update tasks” | | | |
| --- | --- | --- | --- | --- |
| Scenario | Exception scenario | | | |
| Precondition | System should be running, and a project with one requirement which contains one task, should already be created in the system. | | | |
|  | | | | |
| Step | Action | Expected result/observation | Actual result/observation | Assessment(PASS/FAIL) |
| 1 | Search | Not implemented | Not implemented | FAIL |
| 2 | Select the project and open it. | Project information will be displayed | Project window opens and information is displayed | PASS |
| 3 | Select a requirement and click on details | Requirement window will be displayed with information from selected requirement | Requirement window is opened and displays information about selected requirement | PASS |
| 4 | Select a task and click on open | Task window will open and display information about selected task | Task window opens and displays information about selected task | PASS |
| 5 | Enter 100 hours in the estimate field | Error will be displayed telling you that it is not possible to enter such a large amount of hours as an estimate | Error is displayed telling me that the current entered estimated time exceed estimated time for related requirement | PASS |

| Use case under test | Use case ”View project information” | | | |
| --- | --- | --- | --- | --- |
| Scenario | Main scenario | | | |
| Precondition | There should already exist a project with information in the system | | | |
|  | | | | |
| Step | Action | Expected result/observation | Actual result/observation | Assessment(PASS/FAIL) |
| 1 | Enter website | Website opens | No website | FAIL |
| 2 | Search for project | Project is found | - | | - | - | | - |
| 3 | Open project | Project information is displayed | - | | - | - | | - |
| 4 | Read information | Reader will now be informed about selected project | - | | - | - | | - |

| Use case under test | Use case ”Manage tasks” | | | |
| --- | --- | --- | --- | --- |
| Scenario | Main scenario | | | |
| Precondition | System should be running, and a project with at least one requirement should already be created in the system. | | | |
|  | | | | |
| Step | Action | Expected result/observation | Actual result/observation | Assessment(PASS/FAIL) |
| 1 | Search for the specific requirement and open it  \*\*if new project - add tasks\*\* | The list of tasks is displayed  \*\*Tasks have been added to the list\*\* | Task list is displayed when selecting and opening the requirement  \*\*No search function is implemented, need to search manually | PASS |
| 2 | Select and open task | The task information is displayed | The task information is displayed | PASS |
| 3 | Update the task | The possibility to update the status of the task to: “Started”, “Not-Started” or  “Finished”  \*\*when all tasks are finished, the requirement automatically gets marked as “Ended” | The dropdown menu with a possibility to change the task status to the mentioned states is there  \*\*requirement gets updated to “Ended” when tasks are finished | PASS |
| 4 | Choose team member for a task | The team member gets assigned to a task | The dropdown menu to choose from is implemented and working | PASS |
| 5 | Save changes | The previously made changes get saved and updated | The previously made changes get saved and updated | PASS |
| 6 |  |  |  |  |

| Use case under test | Use case ”Manage tasks” | | | |
| --- | --- | --- | --- | --- |
| Scenario | Exception scenario | | | |
| Precondition | System should be running, and a project with at least one requirement should already be created in the system. | | | |
|  | | | | |
| Step | Action | Expected result/observation | Actual result/observation | Assessment(PASS/FAIL) |
| 1 | Enter integers instead of String into the “Title” field | Should save the title with integers with it in case if tasks are numbered | Saves the title with integers | PASS |
| 2 | Entering the date past the deadline of the requirement | Gives an error saying that the date is way past to that of requirement | Does not give any errors and saves the date which is chosen | FAIL |
| 3 | Entering String into the field of “Hours spent” | Gives an error saying that the entered information should be in integer form | Does not do anything | FAIL |
| 4 | Entering the String into the field of “Estimate” | Gives an error saying that the input is not of correct type | Gives an error if the String is entered | PASS |
| 5 |  |  |  |  |
| 6 |  |  |  |  |