| Use case | Create Jobs |
| --- | --- |
| Description | User can create jobs according to their maintenance items. |
| Primary Actor | User |
| Secondary Actor | Technician |
| Pre-condition | |
| The user must be logged into the system and has a maintainable item to maintain. | |
| Main Flow | |
| * Users navigate to the create jobs section. * System loads the current job roles and adds job roles features. * User enter the job role and item name according to his maintainable item * Select technicians. * System update the database and update job roles to the technicians. | |
| Alternative Event | |
| * Navigate to the update or create maintenance tasks section. | |
| Post- condition | |
| * View the current created job roles. * System will generate notification to the corresponding technicians | |

| Use case | Search for technicians |
| --- | --- |
| Description | Users can search technicians for their item maintenance. |
| Primary Actor | User |
| Secondary Actor | None |
| Pre-condition | |
| The user must be logged into the system and has a maintainable item to maintain. | |
| Main Flow | |
| * Users navigate to the search technicians section. * System loads select location feature. * User enters his location. * System validates the location. * If it is correct, the system requests to enter the item name. * If not, the user can re-enter the location. * Users should enter the item name. * System suggests the service providers. | |
| Alternative Event | |
| * Users will be able to navigate to maintain tasks sections. | |
| Post- condition | |
| * View the service providers list. | |

| Use case | Post issues |
| --- | --- |
| Description | User can post issues that are connected to their property maintenance. |
| Primary Actor | User |
| Secondary Actor | None |
| Pre-condition | |
| The user must be logged into the system and has a maintainable item to maintain. | |
| Main Flow | |
| 1. Users navigate to the community section. 2. System loads the community interface. 3. Users select the choice. 4. Users enter issues details. 5. System shows a preview of the post. 6. System asked, edit or not the post. 7. If yes, navigate to re-enter issues. 8. If not, the user can click the submit button. 9. System sends data to the database. 10. System publishes posts in the community. | |
| Alternative Event | |
| None | |
| Post- condition | |
| * View posts in the community. | |

| Use case | Comments on post |
| --- | --- |
| Description | User can comment on posts that are published by other users in the community. |
| Primary Actor | User |
| Secondary Actor | None |
| Pre-condition | |
| The user must be logged into the system. | |
| Main Flow | |
| 1. User navigate to the community tab.  2. System loads the community interface.  3. User clicks on the post.  4. System loads the post.  5. User clicks on the comment button.  6. User enters the comment.   1. System asked, edit or not the comment. 2. If yes, navigate to re-enter comment. 3. If not, the user can click the submit button. 4. System sends data to the database. 5. System notified the owner of the post. | |
| Alternative Event | |
| None | |
| Post- condition | |
| * View posts and comments in the community. | |

| Use case | Rate comments |
| --- | --- |
| Description | User(owner of the post) can rate comments on posts that are published by other users in the community. |
| Primary Actor | User |
| Secondary Actor | None |
| Pre-condition | |
| The user must be logged into the system . | |
| Main Flow | |
| 1. User navigate to the community tab.  2. System loads the community interface.  3. User clicks on the post.  4. System loads the post.  5. User clicks on the comment button.  6. System loads the comments.   * User give ratings. * System send data to the database. * System notified the owner of the comment. | |
| Alternative Event | |
| None | |
| Post- condition | |
| * View posts and comments, ratings in community. | |

| Use case | Rate technicians |
| --- | --- |
| Description | User can rate technicians considering their work. |
| Primary Actor | User |
| Secondary Actor | Technician |
| Pre-condition | |
| The user must be logged into the system. | |
| Main Flow | |
| 1. User navigate to the rate technician tab.  2. System loads interface.  3. User clicks give ratings.  4. System save changes in database.  5. System show the ratings.   1. System notify the corresponding technician. | |
| Alternative Event | |
| * View comments about technicians. | |
| Post- condition | |
| 1. View ratings on technicians. | |

| Use case | Create item template |
| --- | --- |
| Description | User can create a default template for the special item to add their item. |
| Primary Actor | User |
| Secondary Actor | None |
| Pre-condition | |
| The user must be logged into the system. | |
| Main Flow | |
| 1. User navigate to item section.  2. Click add new Item.  3. Click new template  4. Add details about the item.  5. System asks for confirmation. | |
| Alternative Event | |
| * View comments about technicians. | |
| Post- condition | |
| * User can request to add their own item template to the Administrator to add the system to use to other users | |