

Test plan

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**Revision Table**

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Date | Author | change(s) |
| 1.0 | 13/9/2022 | Arenco Meevissen | Initial document |
| 1.1 | 2/11/2022 | Arenco Meevissen | Added use cases. Did manual testing and added testing strategy |
| 1.1.1 | 3/11/2022 | Arenco Meevissen | Added small explanation to the test plan |
| 1.1.2 | 4/11/2022 | Arenco Meevissen | Changed title to include project name |
| 1.2 | 21/11/2022 | Arenco Meevissen | Added missing test cases |
| 1.2.1 | 10/1/2022 | Arenco Meevissen | Added search tests and use cases |
| 1.2.2 | 15/1/2022 | Arenco Meevissen | Formatted the document better |

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# Testing strategy

The testing strategy for this project is Manual testing, API testing and unit tests. Manual is to test if it works on different devices and works on the website. The API testing is for the testing of the API by calling it with different combinations. While unit tests are for the methods made and so that the expected value also returns.

# Use Cases

## Story related

### Add story

|  |  |
| --- | --- |
| Actors | User, Mod |
| Conditions | pre: be on the dashboard page and add story tab |
| Scenario | 1. System requires story title 2. Actor gives story title 3. System validates story title 4. System adds story |
| Extensions | 3.1 actor gives invalid story title  1. system indicates what part of the title is wrong  2. case returns to step 2 |

### Get all stories

|  |  |
| --- | --- |
| Actors | Anonymously, User, Mod |
| Conditions | pre: be on the home page |
| Scenario | 1. System returns all existing stories |
| Extensions |  |

### Get story

|  |  |
| --- | --- |
| Actors | Anonymously, User, Mod |
| Conditions | pre: be on the home page |
| Scenario | 1. Actor determines which stories to view 2. System checks on valid input and System checks for stories with given input 3. System determines what to show and shows the story |
| Extensions | 2.1 actor gives invalid data  1. system describes what went wrong  2. case goes to step 1  2.2 there are no stories with the given data  1. system describes that there are no stories  2. case goes to step 1. |

### Get users stories

|  |  |
| --- | --- |
| Actors | User, Mod |
| Conditions | pre: be on the dashboard and then user stories tab |
| Scenario | 1. Actor gives token to system 2. System checks on valid input and System checks for stories with given input 3. System determines what to show and shows the stories |
| Extensions | 2.1 actor gives invalid data  1. system describes what went wrong  2. case goes to step 1  2.2 there are no stories with the given data  1. system describes that there are no stories  2. case goes to step 1. |

### Update story

|  |  |
| --- | --- |
| Actors | User |
| Conditions | pre: be on the dashboard and then user stories tab |
| Scenario |  |
| Extensions | 3.1 actor gives invalid data  1. system gives message on what part of the data is wrong  2. case goes to step 2 |

### Delete story

|  |  |
| --- | --- |
| Actors | User, Mod |
| Conditions | pre: be on the dashboard and then user stories tab |
| Scenario |  |
| Extensions | 3.1 actor gives invalid data  1. system gives message on what part of the data is wrong  2. case goes to step 2  4.1 actor doesn’t want to delete account  1. system messages that account won’t be deleted  2. case ends |

### Search story

|  |  |
| --- | --- |
| Actors | Anonymously, User, Mod |
| Conditions | pre: be on the search page |
| Scenario | 1. Actor types something 2. Actor determines type of search 3. Actor activates search 4. System gives data where conditions are met |
| Extensions | 3.1 actor gives invalid data  1. system gives message on what part of the data is wrong  2. case goes to step 1 |

## User related

### Register

|  |  |
| --- | --- |
| Actors | Anonymously |
| Conditions | Pre: actor is not logged in  Post: actor is logged in |
| Scenario | 1. System requests data 2. Actor gives data 3. System validates data 4. System checks if User with username already exists 5. System adds User 6. System redirects to login page |
| Extensions | 3.1 actor gives invalid data  1. system gives message on what part of the data is wrong  2. case goes to step 2  4.1 actor gives already known username  1. system gives actor a message that username is already taken  2. case goes to step 2 |

### Login

|  |  |
| --- | --- |
| Actors | anonymously, User, Mod |
| Conditions | Pre: needs to be logged out  Post: |
| Scenario | 1. System requests data 2. Actor gives data 3. System validates data 4. System checks given data with the data in the database 5. System logs actor in |
| Extensions | 3.1 actor gives invalid data  1. system gives message on what part of the data is wrong  2. case goes to step 2  4.1 there are no results  1. system messages actor about wrong input  2. case goes to step 2 |

### Update user

|  |  |
| --- | --- |
| Actors | User |
| Conditions | Pre: needs to be logged in as User  Post: |
| Scenario | 1. Actor determines which account to update 2. System checks on valid input and requests to enter data 3. Actor gives changed data 4. System checks on valid input and updates account |
| Extensions | 2.1 actor gives invalid data  1. system gives message on what part of the data is wrong  2. case goes to step 1  4.1 actor gives invalid data  1. system gives message on what part of the data is wrong  2. case goes to step 3  4.2 actor gives already known username  1. system describes that username is already taken  2. case goes to step 3 |

### Delete user

|  |  |
| --- | --- |
| Actors | User |
| Conditions | Pre: needs to be logged in as User  Post: |
| Scenario | 1. Actor determines which account to delete 2. System checks on valid input 3. System request conformation from actor 4. Actor gives conformation 5. System deletes account |
| Extensions | 2.1 actor gives invalid data  1. system gives message on what part of the data is wrong  2. case goes to step 1  4.1 actor doesn’t want to delete account  1. system messages that account won’t be deleted  2. case ends |

## Moderator related

### Mod get all users

|  |  |
| --- | --- |
| Actors | Mod |
| Conditions | Pre: needs to be logged in as Mod  Post: |
| Scenario | 1. System gets all users 2. System determines what needs to be showed 3. System shows users |
| Extensions |  |

### Mod update user

|  |  |
| --- | --- |
| Actors | Mod |
| Conditions | Pre: needs to be logged in as Mod  Post: |
| Scenario | 1. Actor determines which account to update 2. System checks on valid input and requests to enter data 3. Actor gives changed data 4. System checks on valid input and updates account |
| Extensions | 2.1 actor gives invalid data  1. system gives message on what part of the data is wrong  2. case goes to step 1  4.1 actor gives invalid data  1. system gives message on what part of the data is wrong  2. case goes to step 3  4.2 actor gives already known username  1. system describes that username is already taken  2. case goes to step 3 |

### Mod delete user

|  |  |
| --- | --- |
| Actors | Mod |
| Conditions | Pre: needs to be logged in as Mod  Post: |
| Scenario | 1. Actor determines which account to delete 2. System checks on valid input 3. System request conformation from actor 4. Actor gives conformation 5. System deletes account |
| Extensions | 2.1 actor gives invalid data  1. system gives message on what part of the data is wrong  2. case goes to step 1  4.1 actor doesn’t want to delete account  1. system messages that account won’t be deleted  2. case ends |

### Update Report

|  |  |
| --- | --- |
| Actors | Mod |
| Conditions | pre: be on the dashboard and then report tab |
| Scenario | 1. Actor determines which report to update 2. System checks on valid input and requests to enter data 3. Actor gives changed data 4. System checks on valid input and updates report |
| Extensions | 3.1 actor gives invalid data  1. system gives message on what part of the data is wrong  2. case goes to step 1 |

### Delete Report

|  |  |
| --- | --- |
| Actors | Mod |
| Conditions | pre: be on the dashboard and then report tab |
| Scenario | 1. Actor determines which account to delete 2. System checks on valid input 3. System request conformation from actor 4. Actor gives conformation 5. System deletes account |
| Extensions | 2.1 actor gives invalid data  1. system gives message on what part of the data is wrong  2. case goes to step 1  4.1 actor doesn’t want to delete report  1. system messages that report won’t be deleted  2. case ends |

### Read Report

|  |  |
| --- | --- |
| Actors | Mod |
| Conditions | pre: be on the dashboard and then report tab |
| Scenario | 1. Actor determines which stories to view 2. System checks on valid input and System checks for stories with given input 3. System determines what to show and shows the story |
| Extensions | 2.1 actor gives invalid data  1. system gives message on what part of the data is wrong  2. case goes to step 1 |

## Forum related

### Add Report

|  |  |
| --- | --- |
| Actors | User, Mod |
| Conditions | pre: be on a story where you can click on the report button |
| Scenario | 1. Actors click on report button 2. System requires data 3. Actor gives data 4. System validates data 5. System adds report |
| Extensions | 4.1 actor gives invalid data  1. system gives message on what part of the data is wrong  2. case goes to step 1 |

### Choose option

|  |  |
| --- | --- |
| Actors | anonymously, User, Mod |
| Conditions | pre: be on a story where you can click on an option |
| Scenario | 1. Actor clicks on option 2. System loads story related to the option 3. System formats story 4. System shows story |
| Extensions |  |

### 

# Test Plan

Tn = iteration of the test done where n is the amount;  
Xn = X means the first or first two letters of the topic/category.   
n means the first following number if it’s a new Use case being handled if not it will be the same

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Test identifier | Use Case | Tested by | Tested on | expected result | Result | Remarks |
| T1S1 | Add story | Arenco | 30/10/2022 | adding a new story | added a new story | can’t add body yet |
| T1S2 | Get all stories | Arenco | 30/10/2022 | see all stories | seen all stories |  |
| T1S3 | Get story | Arenco | 21/11/2022 | Get one story | Got one story |  |
| T1S4 | User stories | Arenco | 21/11/2022 | Get all stories related from a user | Got all stories from one user |  |
| T1S5 | Update story | Arenco | 21/11/2022 | Update one story | Updated a story |  |
| T1S6 | Delete story | Arenco | 21/11/2022 | Delete a story | Deleted a story |  |
| T1S7 | Search story | Arenco | 10/1/2022 | Search a story with the name fox | Found multiple stories that had fox in their names |  |
| T1S8 | Search story | Arenco | 10/1/2022 | Search a story with a user that has the name apple | Found stories from the user Apple |  |
| T1U1 | register | Arenco | 30/10/2022 | registered as a user | registered as a user | redirected to login instead of login in directly |
| T1U2 | login | Arenco | 30/10/2022 | logged in as a user | logged in as a user |  |
| T1U3 | update user | Arenco | 30/10/2022 | updated user with new email | updated user | if done by postman it works |
| T1U4 | delete user | Arenco | 30/10/2022 | deleted user | deleted user | if done by postman it works |
| T1M1 | Get all users | Arenco | 21/11/2022 | Get all the users | Got all the users |  |
| T1M2 | Update users | Arenco | 21/11/2022 | Update one user | Updated a user |  |
| T1M3 | Delete users | Arenco | 21/11/2022 | Delete one user | Delete one user |  |
| T1M4 | Update report | Arenco | 21/11/2022 | Update a report | Update one report |  |
| T1M5 | Delete report | Arenco | 21/11/2022 | Delete a report | Delete one report |  |
| T1M6 | read reports | Arenco | 21/11/2022 | Read a report | Seen the reports |  |
| T1F1 | Add report | Arenco | 21/11/2022 | Add a report | Added a report |  |
| T1F2 | Choose option | Arenco | 21/11/2022 | Choose one option | Chosen one option |  |
|  |  |  |  |  |  |  |