| **Field** | **Description** |
| --- | --- |
| Name | UC01: Create an account and log in |
| Summary | - A user can create an account on the platform by providing their information and choosing a secure password.  - The platform implements user authentication and authorization according to industry best practices to ensure the security of user data. |
| Actors | User |
| Assumptions | None |
| Scenario | - The actor navigates to the platform’s homepage and clicks on the “Sign Up” button.  - The actor is redirected to a registration page where they are prompted to enter their personal information such as their name, email address, and date of birth.  - The actor chooses a unique username and a secure password that meets the platform’s password requirements.  - The actor clicks on the “Submit” button to create their account.  - The actor receives a confirmation email with a link to verify their email address.  - The actor clicks on the verification link to complete the registration process.  - The actor can now log in securely using their username and password. |
| Exceptions | - Not all required information has been entered.  - The entered password does not meet the security requirements.  - The chosen username is already taken. |
| Result | A new account has been created and the user can log in securely. |

| **Field** | **Description** |
| --- | --- |
| Name | UC02: Create a new post |
| Summary | - A user can create a new post with text and/or media content.  - The platform supports the creation and moderation of subreddits by users. |
| Actors | User |
| Assumptions | The user is logged in and has permission to create posts. |
| Scenario | - The actor logs in to their account and navigates to the subreddit where they want to create a post.  - The actor clicks on the “Create Post” button located at the top of the subreddit page.  - The actor is redirected to a post creation page where they can enter the post title and content (text and/or media).  - The actor can format their post using the platform’s text editor and add media such as images or videos by uploading files or providing URLs.  - The actor can preview their post before publishing it by clicking on the “Preview” button.  - Once satisfied with their post, the actor clicks on the “Submit” button to publish it. |
| Exceptions | - The entered post title or content is invalid or does not meet subreddit rules.  - The user does not have permission to create posts in the selected subreddit. |
| Result | A new post has been created and is visible to other users. |

| **Field** | **Description** |
| --- | --- |
| Name | UC03: View a feed of posts |
| Summary | - A user can view a feed of posts from all users or from specific subreddits.  - The platform implements efficient algorithms to sort and filter posts based on user preferences and subreddit rules. |
| Actors | User |
| Assumptions | None |
| Scenario | - The actor navigates to the platform’s homepage or a specific subreddit page.  - By default, the actor sees a feed of posts sorted by “Hot”, which displays popular posts from all users or from the selected subreddit.  -The actor can change how posts are sorted by clicking on one of several sorting options such as “New”, “Top”, or “Controversial”.  -The actor can also filter posts by time range (e.g., past hour, past 24 hours, past week) using a drop-down menu.  -The actor can interact with posts by clicking on them to view their content, upvoting or downvoting them, commenting on them, or sharing them with others.  -The actor can also save posts for later viewing by clicking on the “Save” button located below each post.  -The actor can navigate between pages of posts using pagination controls located at the bottom of the feed.  -The actor can also search for specific posts using keywords or phrases by entering them into a search bar located at the top of the page.  -The search results are displayed in a separate feed that can be sorted and filtered using the same controls as described above.  -The actor can return to their original feed at any time by clearing their search query or navigating back to the homepage or subreddit page. |
| Exceptions | None |
| Result | The user can view a feed of posts from all users or from specific subreddits. |