**4. System Features**

4.1 Login: R1

**4.1.1 Description and Priority**

Users are able to log in to their accounts using their credentials: username and password, upon visiting the application through the website or the mobile app.

**4.1.2 Stimulus/Response Sequence**

|  |  |
| --- | --- |
| **Actor action**   1. User visits the website or mobile app to their log in screen. 2. User inputs their credentials and clicks on login button.     **Alternate courses:**  Step 3-4: User may input wrong credentials and the system will route them back to login screen with an error message. | **System Response**  2. Prompts a user log in screen with username and password as input.   1. Login credentials are verified and user is prompted with their personal view cluster screen. |

**4.1.3 Functional Requirements**

The user must input correct user credentials for the login page to correctly route to the personalized view cluster page. Upon wrong credential input the user is rerouted back to the login page with an error message: “Wrong username/password”.

4.2 Signup: R2

**4.2.1 Description and Priority**

Any new user wishing to adopt our application will visit the website or use the app to register themselves as a User by inputting their username email and password into the system.

**4.2.2 Stimulus/Response Sequence**

|  |  |
| --- | --- |
| **Actor action**   1. A new user visits the website signup page.     3. User inputs their credentials.  **Alternate courses:**  Step 3-4: User inputs invalid email and/or mismatching password upon which they are prompted back to signup page with respective error message(s). | **System Response**  2. Prompts a signup screen asking for their credentials: username, email, password and confirm password.   1. Signup credentials are verified, user is logged in automatically and prompted with their personal view cluster screen. |

**4.2.3 Functional Requirements**

The user must input a valid email and passwords fields that match. If there is an invalid email input and/or mismatching passwords the user is prompted back to the signup page with appropriate error message(s).