User Journey - Shared Documents Application

### 1 - New user is signing up to the application:

| **User** | **New user** | **Requirements** |
| --- | --- | --- |
| **Goal** | **Register new account** |
| **Enter** | * User enters the app * User presses the “Sign-up” button. * User enters the registration page. | * A “Sign-up” button is located at the application home page. |
| **Engage** | * A registration form with the required fields is displayed. * User types in his name, email and password. * If email or password are invalid- the textbox turns red. * When all input fields are valid, the user can press the “Registration” button. | * Required fields: name, email and password. * Registration input fields need to be validated. |
| **Exit** | * The application displays a popup window with the process status: succeed / failed. * Succeed - text color: green.   Failed - text color: red. | * User credentials are saved in the DB. |

### 2 - User logs-in to the application:

| **User** | **Registered user** | **Requirements** |
| --- | --- | --- |
| **Goal** | Logging in to the application |
| **Enter** | * User enters the application. * User presses the “Login” button. * User enters the “Login” page. | * The user must be registered and logged-out. * A “Login” button is located at the application home page. |
| **Engage** | * A “Log-in” form is displayed with email and password text boxes. * User types in his email and password. * The user presses the “Login” button. | * The user is registered. * Required fields: email and password. |
| **Exit** | * If the login process succeeds - the user is forwarded to the application home page. * The user’s name is displayed on the upper right corner. |  |

### 3 - The user edits a shared document:

| **User** | **Active user with edit permission** | **Requirements** |
| --- | --- | --- |
| **Goal** | Edit a shared document |
| **Enter** | * The user logs-in to the app with his credational. * The user enters into the editor screen. | * The user is registered. * User’s email and password are given. |
| **Engage** | * The user edits the document content by typing new text / deleting existing text. * The user can change the formatting of the text using the toolbar. | * The user has editing permissions. * Toolbar is located at the upper part of the editor. * Editing scope has a page preview, is located at the center of the editor and sizes 90% of the screen. |
| **Exit** | * Changes are saved automatically and are visible by all other collaborators. | * Synchronization and saving into the DB. |

### 4 - User views changes made by collaborators:

| **User** | **User with viewing permissions to a shared document** | **Requirements** |
| --- | --- | --- |
| **Goal** | View changes made to the shared document by other collaborators |
| **Enter** | * The user logs in to the application using his credentials. * The user enters the editor page. | * The user is registered. * User’s email and password are given. |
| **Engage** | * The editor page is displayed to the user. * Another collaborator makes changes to the shared document. | * Viewing permissions to the shared document. |
| **Exit** | * Any changes made by other collaborators are visible in the editor of the shared document at realtime. |  |

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### 5 - The user views a document:

| **User** | **Active user with viewing permissions** | **Requirements** |
| --- | --- | --- |
| **Goal** | View the shared document |
| **Enter** | * The user logs-in to the app with his credentials. | * The user is registered. * User’s email and password are given. |
| **Engage** | * The user enters the editor page. | * The document exists. * Viewing permissions to the shared document. |
| **Exit** | * The user views the document content. |  |

### 6 - Multiple users edit a shared document:

| **User** | **Active users with editing permissions** | **Requirements** |
| --- | --- | --- |
| **Goal** | Edit a shared document simultaneously |
| **Enter** | * The users log-in to the app with their credational. * The users enter into their editor screen. | * The users are registered. |
| **Engage** | * The users edit the same document by typing new text / deleting existing text. | * The users have editing permissions. |
| **Exit** | * Changes are visible by all collaborators. * Changes are saved automatically. | * Synchronization and saving into the DB. |