**Use Cases**

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| --- | --- |
| **Name** | **Subscribe to a podcast** |
| **Scope** |  |
| **Level** | User Goal |
| **Primary Actor** | User |
| **Stakeholders and Interests** |  |
| **Preconditions** | User is authenticated and identified |
| **Postconditions** | Podcast is added to User’s list of subscriptions |
| **Main Success Scenario** | 1. User is presented with a list of podcasts  2. User subscribes to a podcast of their choice.  3. This podcast is then added to their favorite list |
| **Extensions**  **3** | 2a. If any podcast has been subscribed, this function will be grayed out/disabled |
| **Special Requirements** |  |
| **Variations in Technology and Data** |  |
| **Frequency of Occurrence** |  |

|  |  |
| --- | --- |
| **Name** | **Register new user** |
| **Scope** |  |
| **Level** | User Goal  System |
| **Primary Actor** | User  System |
| **Stakeholders and Interests** |  |
| **Preconditions** | New user visits for the first time  User is not authenticated nor identified.  User data is not stored in the system |
| **Postconditions** | New user is created and stored on the system |
| **Main Success Scenario** | 1. User provides basic info and hits sign up when done  2. System returns an authentication token that user must use to login next time. |
| **Extensions** | a. Before signing up, system will ask if this is new user or returning user. Returning user will need to identified and authenticated themselves.  2a. If there’s an user already exist, notify user and ask if they want to recover their token |
| **Special Requirements** |  |
| **Variations in Technology and Data** | - Local-first storage system |
| **Frequency of Occurrence** |  |

|  |  |
| --- | --- |
| **Name** | **Sign in to existing profile** |
| **Scope** |  |
| **Level** | User Goal  System |
| **Primary Actor** | User  System |
| **Stakeholders and Interests** |  |
| **Preconditions** | User is not authenticated nor identified.  User data is stored in the system |
| **Postconditions** | User is authenticated and identified.  Their info will be loaded |
| **Main Success Scenario** | 1. User provides their credentials  2. System looks up and verifies if user is legitimate.  3. If he/she is, system will authenticated and load their info to use |
| **Extensions** | 2a. If system can’t find user’s info, notify user  2b. If user’s credential is wrong, notify user. |
| **Special Requirements** |  |
| **Variations in Technology and Data** |  |
| **Frequency of Occurrence** |  |
| **Miscellaneous** |  |

|  |  |
| --- | --- |
| **Name** | **Play an episode** |
| **Scope** |  |
| **Level** | User Goal  System |
| **Primary Actor** | User  System |
| **Stakeholders and Interests** |  |
| **Preconditions** | User is authenticated and identified |
| **Postconditions** | System plays the episode and adds it to user’s playback history |
| **Main Success Scenario** | 1. User chooses an episode they want to play.  2. System plays the episode and adds it to user’s playback history.  3. System will keep track of state of playing episode. For each second the episode is played, system updates current timestamps in the playback history list.  4. Continuing playing until user pauses or stops, or episode is ended. |
| **Extensions** | A\*. if there’s any problem with playing the episode, notify users.  2a. If episode already exists in playback history, just update its state. |
| **Special Requirements** |  |
| **Variations in Technology and Data** |  |
| **Frequency of Occurrence** |  |

|  |  |
| --- | --- |
| **Name** | **Search for podcast(s)** |
| **Scope** |  |
| **Level** |  |
| **Primary Actor** | User |
| **Stakeholders and Interests** |  |
| **Preconditions** |  |
| **Postconditions** | - A list of podcasts that matches with user’s query |
| **Main Success Scenario** | 1. User inputs keywords about what they want to search  2. System looks it up in database and return a list of relevant podcasts |
| **Extensions** |  |
| **Special Requirements** |  |
| **Variations in Technology and Data** |  |
| **Frequency of Occurrence** |  |