Use case description:

**Use Case Description of Listen to music:**

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| --- | --- |
| Use case name: Listen to music | ID: UC001 |
| Actor:User | |
| Description: User able to listen to music on this application | |
| Trigger:  1. User select any song from the playlist  2. User click the play button to start playing the music | |
| Precondition: | |
| Normal flow of events:  1. User select a song from the playlist  2. The song playing until the end | |
| Alternate / Exceptional flows:  The application will display a message "No music" if the playlist does not have any song | |

**Use Case Description of Progress bar**

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| --- | --- |
| Use case name: Progress bar | ID: UC002 |
| Actor:User | |
| Description: : The progress bar shows the progress of the song | |
| Trigger:  The progress bar becomes active when the user starts playing the song | |
| Precondition:  The song must in playing status | |
| Normal flow of events:  1. Song is playing  2. The progress bar will show the duration of the song  3. The progress bar will be finished if the song is finished playing | |
| Alternate / Exceptional flows:  1. The progress bar will reset if user play other song  2. If the user drags the progress bar to left or right, the song's progress will changes  3. The progress bar will reset if finished playing | |

**Use Case Description of Login:**

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| --- | --- |
| Use case name: Login | ID: UC003 |
| Actor:User | |
| Description: User able to login into application | |
| Trigger:  1. User type their user name and password to login or login by apple id or google account  2. User click login to access the application | |
| Precondition:  The user should register or already have apple id or gmail to login | |
| Normal flow of events:  1. User type user name and password or login by their existing account  2. Click login to move to main interface | |
| Alternate / Exceptional flows:  1. The application will display a message "Wrong password or username" if the user type wrong pass or user name  2. The application will display a message "This username doesn’t exist" if the user haven’t signed up. | |

**Use Case Description of Edit Profile:**

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| --- | --- |
| Use case name: Edit Profile | ID: UC004 |
| Actor:User | |
| Description: User able to edit their profile | |
| Trigger:  1. User Click on edit profile to edit their information  2. User click save to store new profile | |
| Precondition:  The user should login to edit their profile | |
| Normal flow of events:  1. Click on edit to edit profile  2. Can be changed all information except username  3. Save | |
| Alternate / Exceptional flows:  1. The application will display a message "Your profile has been changed" if the user click on save. | |

**Use Case Description of Night mode:**

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| --- | --- |
| Use case name: Edit Profile | ID: UC005 |
| Actor:User | |
| Description: Reduces user interface brightness to protect the user's eyes if they using the music player in dark environments | |
| Trigger:  The user can enable night mode. | |
| Precondition: | |
| Normal flow of events:  1. Open navigation bar  2. Click night mode buttion to enable | |
| Alternate / Exceptional flows:  The application will display a message "Night mode enabled" if the user click on it. | |

**Use Case Description of Search Playlist:**

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| --- | --- |
| Use case name: Search playlist | ID: UC006 |
| Actor:User | |
| Description: Allows users to search playlist from application | |
| Trigger:  The user click on search bar and search playlist they want. | |
| Precondition: | |
| Normal flow of events:  1. Click on search bar  2. Type the name of playlist | |
| Alternate / Exceptional flows:  1. User can add playlist to their favorites  2. User can play the song of playlist | |

**Use Case Description of Purchase Playlist:**

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| --- | --- |
| Use case name: Purchase playlist | ID: UC007 |
| Actor:User | |
| Description: Allows users to purchase playlist from application | |
| Trigger:  1. The user click on purchase button to purchase the playlist. | |
| Precondition: | |
| Normal flow of events:  1. Click on purchase  2. Choose payment methods  3. Comeplete the payment | |
| Alternate / Exceptional flows:  The application will display a message " Thank you, Your purchase was successful" if the user complete payment. | |

**Use Case Description of Follow Playlist:**

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| --- | --- |
| Use case name: Follow playlist | ID: UC008 |
| Actor:User | |
| Description: Allows users to follow their favorite playlist | |
| Trigger:  1. The user click on Follow to follow playlist | |
| Precondition: | |
| Normal flow of events:  1. Click on playlist to see all the song  2. Click on Follow. | |
| Alternate / Exceptional flows: | |

**Use Case Description of Logout:**

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| --- | --- |
| Use case name: Logout | ID: UC009 |
| Actor:User | |
| Description: Allows users to logout | |
| Trigger:  1. The user click on logout to logout | |
| Precondition: | |
| Normal flow of events:  1. User click on Logout button to end the session | |
| Alternate / Exceptional flows:  The application will display a message "Logout Successful" if the user click on logout button. | |

**Use Case Description of Register:**

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| --- | --- |
| Use case name: Register | ID: UC010 |
| Actor:User | |
| Description: Allows users to register | |
| Trigger:  The user click on register or sign up button | |
| Precondition: | |
| Normal flow of events:  1. User click on register button  2. Fill all information  3. Click on sign up to end of registration | |
| Alternate / Exceptional flows:  The application will display a message "Registration Successful" if the user click on sign up buttion. | |