| **Use Case ID** | UC 16 |
| --- | --- |
| **Use Case Name** | View front page |
| **Author Name** | Nicholas Phan |
| **Primary Actor** | Customer |
| **Actor’s Goal** | The actor should be able to open the application or website and be able to view the newest music that will appeal to them. |
| **Business Value** | IMPORTANT |

## Description

The user should be able to open the application and be shown a page of music that can be tailored to their interests or be recently released.

## Main Success Scenario

| **Step** | **Actor Action** | **System Response** |
| --- | --- | --- |
| **1** | User opens the application. | The system looks for saved login information |
| **2** |  | The system finds the previous login information. |
| **3** |  | The system inputs the login information. |
| **4** |  | The system logs the user in. |
| **5** |  | The system displays the personalized front page to the user. |

## Alternative Success Scenario 1: Login information not saved

**Trigger Condition**: User has no saved login information but enters a valid login.

| **Step** | **Actor Action** | **System Response** |
| --- | --- | --- |
| **1** | User opens the application | The system looks for saved login information but finds none. |
| **2** |  | The system prompts the user for an account name. |
| **3** | User inputs their account name | The system searches and finds an account linked to the account name. |
| **4** |  | The system prompts the user for a password. |
| **5** | User inputs their password | The system logs the user in |
| **6** |  | The system displays the personalized front page to the user. |

## Alternative Failure Scenario 2: Incorrect login information

**Trigger Condition**: No account name associated with entered information.

| **Step** | **Actor Action** | **System Response** |
| --- | --- | --- |
| **1** | User opens the application | The system looks for saved login information but finds none. |
| **2** |  | Prompt the user for an account name |
| **3** | User inputs an account name | The system searches to see if an account with that name exists. |
| **4** |  | No account name found. |
| **5** |  | Display an error message. |

| **Secondary Actors** | N/A |
| --- | --- |
| **Trigger Event** | User opens the application. |
| **Precondition** | The user has the desktop application downloaded |
| **Frequency of Execution** | Up to 100+ times per day/user. |
| **Success Criteria (optional)** | System successfully validates the user’s login information and displays the front page. |
| **Development Cost** | AVERAGE |

## Issues / Risks

Keeping account information secure is vital to maintaining a steady user base. Encryption and further steps should be taken.

## Non-Functional Requirements

The entire process of logging the user in after receiving valid information should occur as quickly as possible, ideally within 3 seconds.

## UML Activity Diagrams

