USE CASE 1:

**Use Case Name:** Customers register a new account.

**Summary:** A customer visits a website to create a new account.

**Actors:** Customer

**Preconditions:**

Website is available

Stable Internet connection

Register & Login database is online

The customer selects register a new account.

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| **Normal Course:**   1. The system displays the home page or the customer's page. 2. Customer selects create an account. 3. The system displays a registration page with forms for users to enter information 4. Customer selects to cancel the registration. 5. Customers fill in the required information and click and register button. 6. The system messages registration is successful. 7. Customer selects to log in to the system. 8. Customer selects to return to the homepage. | **Information for Steps**  **🡪** Cancel the registration and return to the homepage  🡪 Valid customer registration information  🡪 Navigate to the login page  🡪 Navigate to the homepage |

**Exceptions:**

E1: Customer data entered is not valid (occur at step 5)

1. The system messages the data entered is invalid.

2. Customer re-enter data or contact for support.

E2: User input data is already in the database (occur at step 5)

1. The system messages that the entered data is already on the database.

2. Customer re-enter data or contact for support.

**Postconditions:** Customer successfully registered and logged into the system

USE CASE 2:

**Use Case Name:** Search for and Purchase digital music downloads

**Summary:** A customer visits a website to search for a song and download it.

**Actors:** Customer

**Preconditions:**

Website is available

Stable Internet connection

Tracks database is online

The customer searches for and downloads the track.

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| **Normal Course:**   1. The system displays the home page or the customer's page. 2. Customer wants to create an account. (perform Register account use case)   2.1. Customers fill in valid registration information as required.  2.2. The system displays a successful registration message.   1. Customers log in to the website with an account with a registered username and password. 2. Customers enter the music they want to listen to in the search bar. 3. The system displays search results. 4. Customers select the music they want on the search results to listen. 5. Customer selects to add to the list of favorite songs. 6. Customer selects removed from favorites. 7. Customer selects show song lyrics. 8. Customer selects add music to cart download. 9. Customer selects to remove music from cart to cancel download. 10. Customer selects to pay for shopping cart. 11. Customer selects remove all music in cart. | **Information for Steps**  🡨 Username/Password  🡨 Search key  🡨 Musics matching search  🡨 Music data  🡪 Insert into favorite list  🡪 Remove from favorite list  🡨 Music data  🡪 Insert into shoppin cart  🡪 Remove from  🡪 Proceed to the payment  🡪 Cancel the payment |

**Exceptions:**

E1: Invalid credentials (occur at step 3)

1. The system messages username or password is invalid.

2. Customer re-enter account/password or contact for support.

E2: Search request has no results (occur at step 5)

1. The system messages did not find any results.

2. Customer re-enters the keyword and tries the search again.

E3: Cart checkout and download failed (occur at step 12)

1. The system messages Cart checkout and download failed.
2. The customer selects another payment method or cancels the payment.

**Postconditions:** The customer checkouts the cart and successfully downloads the tracks of their choice, or the download is cancelled.