

## Part 1 - OOA

1) **Registration** - A new user registers for an account by providing an email and password.

a) Title: Registration

b) Actor: User

c) Success Story: The user opens CPPMovies and navigates to the registration page. The user enters their personal information such as their name, email, and password. CPPMovies then validates their information. CPPMovies creates a new user account and activates their account.

2) **Login** - A registered user logs into their account.

a) Title: Login

b) Actor: User

c) Success Story: The user opens CPPMovies and navigates to the login page. The user enters their credentials. CPPMovies validates their credentials, giving the user access to their content.

3) **Browse** - A user browses available content from the homepage.

a) Title: Browse

b) Actor: User

c) Success Story: CPPMovies displays a list of available content in the homepage. The user browses through the different categories and genres.

4) **Search** - Search for content by name.

a) Title: Search

b) Actor: User

- c) **Success Story:** The user open CPPMovies and enters the name of a specific piece of content in the search bar. The app then displays the search results matching the name.

The user then selects the content from the search results

- 5) **Display Content** - Play the content a user has selected.

- a) **Title:** Display Content

- b) **Actor:** The user open CPPMovies and selects a piece of content to view. CPPMovies retrieves and loads the content onto the display. The user clicks play and CPPMovies streams the content onto their device. The user is able to pause, rewind, and forward the available content.

- 6) **Watchlist** - Add or delete content from a user's watchlist.

- a) **Title:** Watchlist

- b) **Actor:** User

- c) **Success Story:** The user views details of a content item and adds the content item to their watchlist. CPPMovies updates the user's watchlist. The user can view and manage their watchlist from their profile.

- 7) **Subscription** - Subscribe to a different plan or cancel their subscription.

- a) **Title:** Subscription

- b) **Actor:** User

- c) **Success Story:** The user navigates to the subscription management page and selects a subscription plan. CPPMovies redirects the user to the payment gateway. The user enters their payment information and confirms their subscription. CPPMovies processes the payment and updates the subscription status. In the same page, the user can also cancel their subscription.

## Part 2 – OOD

Class Name: User	
Responsibilities	Collaborators
Initiate login process	CPPMovies
Browse and search content	Content
Manage Watchlist	Watchlist
Subscribe to and manage subscriptions	Subscription
Interact with CPPMovies app	

Class Name: CPPMovies	
Responsibilities	Collaborators
Manage user accounts	User
Provide access to content library	Content
Validate credentials	Subscription
Process payments for subscriptions	

Class Name: Content	
Responsibilities	Collaborators
Store content details	User
Provide playback functionality	CPPMovies

Class Name: Watchlist	
Responsibilities	Collaborators

Store a list of content items	User Content
Add content items to the list	
Remove content items from the list	
Access and display watchlist	

Class Name: Subscription	
Responsibilities	Collaborators
Store subscription details	User CPPMovies
Manage subscription status	