\* I HAVE PLACED CANDIDATE OPERATIONS AS BOLDED WORDS AND CANDIDATE OBJECTS ARE UNDERLINED \*

----------REGISTERED USER----------

LOGIN:

Alice Johnson is a registered user accessing the application to check her tickets. To do this she must first **log in**.

She **selects 'Profile'** and **selects 'Login'** which takes her to the login page.

She then **inputs the information** 'alicej' for the Username and 'password123' for Password.

Alice presses 'Login' which **authenticates** her information and a message pops up saying she has **successfully logged in**.

LOGOUT:

Bob Smith is a registered user who is currently logged in to the application. He has finished using the application and is ready to close it. To make sure no one else can access his tickets, he decides to **log out** first. He **clicks ‘Profile’** and then selects **‘Logout’**. This **confirms** that he successfully logged out.

RECEIVE MOVIE ANNOUNCEMENT:

Emma Davis, a registered user, checks her phone on December 12th, 2025 and notices she has received a **new movie announcement** at AcmePlex. The new movie coming out is called ‘Avatar: Fire and Ash’ which releases on December 19th 2025. As Emma is a registered user, she can now **purchase a ticket** for this movie ahead of time before the non-registered users**.**

PURCHASE TICKET:

Catherine Brown decides she will watch a movie at AcmePlex Odeon theatre and **loads movies** from the theatre. She **browses for a movie** playing, finally deciding she will be watching ‘The Hangover’ and selects to watch it on December 1st 2024 at 10am. She **selects seat** ‘C2’ as it is an available seat. Cathrine is a registered user, so all her credit card information is saved. Catherine clicks **‘pay’** and is **sent a confirmation email**. This includes her receipt of the purchase she has just made. **This action is added to the database**.

CANCEL TICKET:

David Wilson has got to stay late at school working on his ENSF 480 project. He no longer has time to watch the movie he purchased a ticket for and must **cancel the ticket**. David **logs in** to his registered user account and selects ‘Tickets’. He finds the display of his purchased tickets and **cancels the ticket**. He presses ‘Cancel Ticket’ and a message pops up to verify his cancellation. Confirming his cancellation, he now has 100% **refund** and is stored as credit to **purchase more tickets**. **This action removes it from the database.**

PAY ANNUAL ACCOUNT FEE:

Lorraine Styles has been a loyal customer to AcmePlex for many years. On November 30th 2023, she **registered** as a registered user and now, one year later, she must **renew her membership** to continue **receiving 100% refunds**. She **logs in** to her account and checks to see her renewal date on November 30th 2024. The system uses her saved credit card to **charge a $20 renewal fee**. Her membership is now extended for another year. **This transaction is tracked in the database**.

----------Non-Registered-Users----------

REGISTER:

Eve walker has really enjoyed her AcmePlex experience so far and has decided to become a registered user. She clicks on the **register** button and **fills in her information**, choosing ‘evew’ as her username and ‘evew978’ as her password. She **fills in her email** as ‘[emmawalker@example.com](mailto:emmawalker@example.com)’ and her address as ‘123 Wall Street’ which is located in British Columbia. She finally **fills in card details** including the card number, CVV and expiration date and should be **charged the $20** accordingly. She now has an account as a registered user. **This is added to the database**.

PURCHASE TICKET:

Charlie Johnson has just got into town and decides to watch a movie at the local AcmePlex Regal theatre. He **loads the movies** for the theatre and **browses** through them for five minutes. He **selects ‘Elf’** and **selects the show time playing on 2024-12-01 at 16:00:00.** He **chooses his favourite letter ‘C’ and his lucky number ‘4**’ as his seat. He must **fill in his name** and email as he is not a registered user and state what province he is purchasing from. Finally, he **inputs his credit card details** into the system. He **enters pay** and **receives confirmation** that he has paid. Charlie is then **sent an email** to the specified email with his receipt. This is **added to the database**.

CANCEL TICKET:

Grace Martin forgot about her doctor appointment on the same day and time that she bought a ticket to watch ‘The Matrix’ at the Regal theatre at 11:00:00. She wants to **cancel her ticket**. She **goes to the profile tab** and **searches for purchased tickets**. She has ticket with ID 1 and decides to **cancel it**. She **receives confirmation** that the ticket has been cancelled. The ticket is **removed from the database**.