

TestCaseld	Component	functions used
New_Account_Creation	Account_Creation Module	register()
Account_Exist	Account_Creation Module	register()
Sign_in	Sign_in_module	verifyLogin()
Search_valid_movie_title	Movie_Search_Bar_Module	browse()
Search_invalid_movie_title	Movie_Search_Bar_Module	bowse()
Select_Seat	Seat_Search_Module	purchaseTicket(), reserveSeat()
Select_Reserved_Seat	Seat_Search_Module	purchaseTicket(), reserveSeat()
Payment_Valid_Made	Payment_Made	purchaseTicket(), reserveSeat(), selectDiscount(), selectPaymentMethod(), confirmPurchase()
Payment_Invalid_made	Payment_Made	purchaseTicket(), reserveSeat(), selectDiscount(), selectPaymentMethod(), confirmPurchase()

UT_overrideSystem	Admin_operation_module	overrideSystem()
View_purchased_ticket	Customer_operation_module	browse(), selectMovie(), selectShowtime(), purchaseTicket(), reserveSeat(), selectDiscount(), selectPaymentMethod(), confirmPurchase(), viewTickets()

Movie Theater Ticketing Test Case

Priority	Description/Test Summary	Pre-requisites
P0	User creates new account to save information (i.e. name, payment, address)	Open web page
P0	User tries to create an account, but it already exist	Open web page
P0	Verify user has an account and can login.	User created account, web page open
P1	Verify user can search for movie being shown	Open web page
P2	Verify user cannot search for a movie not being shown	Open web page
P3	User can search for seat for movie being shown	User logs in, search for currently showing movie and time
P4	User cannot purchase a seat that is already reserved	User logs in, search for currently showing movie and time
P5	User uses a valid payment method	User checks out, goes to payment screen
P5	User uses invalid payment method	User checks out, goes to payment screen

P1	Verify calling overrideSystem() returns true when used by an Admin user.	System is up, a mock Admin account setup
P6	Verify if users can view tickets after purchasing	System up, User logged in

Test Steps	Expected Result	Actual Result	Status
1. User clicks on "Create account" 2. User enters information (Name, address, payment). 3. User clicks "Submit" at end of form	User receives account information via email/text.	User successfully receives "Account created" message with email/text confirmation	Pass
1. User clicks on "Create account" 2. User enters information (Name, address, payment). 3. User clicks "Submit" at end of form	User receives message "Account exist"	Account exist message is displayed.	Pass
1. Click "Login" 2. Use admin credentials to verify functionality 3. Select "Sign In"	User is taken to their account portal after clicking "Sign in"	User successfully logs into their corresponding account web page	Pass
1. User clicks on search bar, 2. User types in the name of a movie that is currently being shown, 3. User presses enter/clicks search	Movie title and similar results are displayed to the user from a drop down menu under the search bar and is selectable	Movie title showed up and is clickable	Pass
1. User clicks on search bar, 2. User types in name of movie currently being shown, 3. User presses enter	The error message "Invalid movie title" is shown as a popup	Invalid movie title message is properly displayed.	Pass
1. Login using SA account, 2. Search for currently showing movie, 3. Select time, 4. select open seat	A map of open seats is displayed after tickets are purchased and the user is able to select the ticketed amount of seats	User successfully purchases ticket and selects seat	Pass
1. Login using SA account, 2. Search for currently showing movie, 3. Select time, 4. select reserved seat	User receives error message that seat is not available upon selecting a reserved seat from the displayed map of seats	User cannot purchase seat that is already reserved.	Pass
1. Go through ticket purchases until payment screen. 2. Use different payment methods to purchase tickets (visa, mastercard, venmo, zelle, etc). 3. Successfully complete purchase	User receives payment successful message upon using a valid payment method.	User is able to complete the purchase	Pass
1. Go through ticket purchases until payment screen. 2. Use invalid payment method (i.e. not supported payment option) 3. User taken back to payment screen with "Purchase not successful)	User receives error message that payment was not successful	User's purchase fails, taken back to payment screen	Pass

1. Call override system method. 2. Check return	Method returns normally without exception, user's system is successfully overridden	Admin is able to override the user's system.	Pass
1. Go through movie search process 2. Finish payment 3. In the user homepage, click "view tickets"	User successfully purchase ticket and the system displays owned tickets to the user.	User is able to see their purchases tickets	Pass

[illegible]

System Admin

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