

TestCaseld	Component	Priority	Description/Test Summary
T_System_01	System performance browse/filter function (system test case)	High	The test will be ran under normal conditions. Browsing must meet the performance requierments.

T_Unit_01	User.CreateAccount() (unit test case)	High	Validate Email Uniqueness and password rules per User class contract
T_Unit_02	User.RedeemReward() (unit test case)	Med	Ensure that PointBalance is never less than 0 and points get reduced correctly
T_Functional_01	Checkout Flow (functional test case)	High	Click through our system; Seat hold -> payment -> delivery of ticket throught the gateway
T_Functional_02	User.Login() (functional test case)	High	User logs in with their email (Or phone number if supported) and password Allows the user to view the rewards that they have redeemed and the amount of points they have including other informationsuch as their membership tier, and a list of
T_Unit_03	User.ViewRewards() (unit test case)	Med	
T_Functional_03	User.UpdateProfile() (unit test case)	High	Allows the user to update their username, email, password, phone number, location, etc.

T_Unit_04	User.ConfirmPurchase()(Unit Test Case)	High	Verify that payment callbacks atomically update ticket state and prevent duplication.
T_System_02	System Movie Selection Test(System Test Case)		Test will be under normal conditions.
T_Functional_04	Rewards System Sign Up(Functional Test Case)	Med	A user with a valid account should be able to view an select options to enroll for the movie rewards system.

## Test Case Template

Pre-requisites	Test Steps
System is under normal conditions, >=200 concurrent users.	Using a tool to create user load, ramp it to 200 active users. 2.) each user must open movies, apply a few filters, open the seat map(no not move to purchase) Keep running for ~10 minutes, record metrics.

Valid email has been created. [2]

User Account must be created and have a total of 50 points.

System must be open, valid email/SMS for delivery and valid payment

User needs to have already created an account with their email and password that they set

User needs to be logged in and has to be at the rewards screen

User needs to be logged in and has to go to the settings section

1.) Attempt to CreateAccount with a valid email and strong password  
2.) Attempt to CreateAccount again with the same email from step 1.  
3.) Attempt to CreateAccount with a new email but a weak password.

1.) Redeem a reward of cost 60.  
2.) Redeem a reward of cost 40.  
1.) Browse moves, select a movie, theater and showtime. 2.) On seat map select 1 seat and confirm 10 minute hold starts.  
3.) Complete payment, confirm the payment success page, and delivery of tickey at email/SMS or account.

1. Type in the email, 2. Type in their password, 3. hit "Login"

1. Log in, 2. Go to the rewards section, 3. view your rewards

1. Log in, 2. Go to the settings, 3. Change any important information on your account

User needs to have a valid account and must have attempted to purchase a movie ticket

1. Select Movie, 2. Enter Payment Method, 3. Confirm details of ticket to be purchased.

The user will search for movies available to watch based on theater and time. The user will enter the screen at 3:55 PM and remain on the screen until 4:05 PM, The user should attempt to purchase tickets for a 4 PM showing after the time has

User must be on movie time selection screen from 3:55 PM to 4:05 PM.

1. Select Rewards sign up screen 2. Select subscription that best suits user, 3. Confirm account details and payment method, 4. Finalize payment and provide automatic renewal date along with subscription/rewards details

User must have a valid account with an up to date payment method.

Expected Result	Actual Result	Status	Test Executed By
System should handle the load easily. >=95% of requests are met <2s. MapUpdates <=1s	Metrics showed seat map updates took more than 1s at times.	Fail	Gershom D
2.) Fails to create account, duplicate email.3.)Password is not valid, user asked to put new password	Account successfully created in step 1. Results of step 2/3 both has the expected results.	Pass	Gershom D
1.) Should Fail, the balance is less than the cost. 2.) Should succeed, new balance	1.) Successfully failed, balance was too low. 2.) Passed, new balance displayed 10 after transaction.	Pass	Gershom D
Seat becomes reserved right away, user sees a success message after payment, and get ticket.	The ticket hold is functional, becomes reserved for 10 min. user sees success message.	Pass	Gershom D
User should be able to log in if they type in the correct email and password	Successful, user logged in using the correct email and password in proper time	Pass	Isaac Afram
User should be able to view everything in their view rewards area	Successful, user viewed all the information they needed to in the rewards area in proper time	Pass	Isaac Afram
User should be able to update their information successfully and securely	Security Policies not met, users password and name is visible to the public	Fail	Isaac Afram

Payment method should be verified and validated, if payment method is valid then seat should be reserved and made unavailable to others, ticket along with the ticket details should be delivered to the user's app, text message, and email. if the user logs in at 3:55 then showings for 4 PM should be available, after 4 PM passes then the 4 PM showings should be blacked out to the user. If the user attempts to purchase a ticket for a showing for a movie that has begun then the system will display The user should be able to sign up for the movie rewards feature using the information linked to their account. Once the subscription is selected then the user should be able to pay and be given the date of renewal as well as all of the benefits

Successful, User information was validated prior to confirming the ticket purchase. After the purchase The user was allowed to select and purchase a ticket for a past showing, the availability of the The user was allowed to sign up for the chosen rewards an was given the confirmation details

Pass	Michael Williams
Fail	
Pass	Michael Williams