TestCaseId	Component	Priority	Description/Test Summary
T_System_01	System preformance 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
T_Unit_03	User.ViewRewards() (unit test case)	Med	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_Functional_03	User.UpdateProfile() (unit test case)	High	Allows the user to update their username, email, password, phone number, location, etc.

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.	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.
User Account must be created and have a total of 50 points.	1.) Redeem a reward of cost 60. 2.) Redeem a reward of cost 40.
System must be open, valid email/SMS for delivery and valid payment	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.
User needs to have already created an account with their email and password that they set	1. Type in the email, 2. Type in their password, 3. hit "Login"
User needs to be logged in and has to be at the rewards screen	1. Log in, 2. Go to the rewards section, 3. view your rewards
User needs to be logged in and has to go to the settings section	1. Log in, 2. Go to the settings, 3. Change any important information on your account

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 succed, new balance	1.) Succsessfully failed, balance was to 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 securley	Security Policies not met, users password and name is visible to the public	Fail	Isaac Afram