

SCIT

School of Computing and Information Technology
Faculty of Engineering & Information Sciences

CSIT314 Software Development Methodologies
Cinema Ticket Booking System

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Project Objective

In this project, we are tasked with designing and developing a cinema ticket booking system that supports and manages different types of users and user profiles. It must also be able to manage cinema rooms and the allocation of movie sessions to cinema rooms. The process of purchasing and issuing tickets for a movie session should also include seat allocation as well as different types of ticket. Customer(s) can also pre-purchase food and drinks. It should also generate different kinds of relevant reports for cinema owner(s).

Ethical Considerations

Having ethical structure is essential for projects related to programming and information technology. In this project we have listed a few areas in which we could have dived deeper in.

Product

Transparency

There is a summary page of purchase to allow customers to review their purchases of tickets, food and drinks. This would allow customers to review what they have purchased.

Privacy and Safety

While developing the software's login features, users should only be given access to their own user account details when they log into the system. Users' passwords are hidden during the login process to protect their credentials.

Inclusiveness

Anyone who wishes to use our cinema ticket booking system is able to sign up for an account and enjoy customer features.

Process

Fairness

We made sure that every team member had an equal workload in each sprint to ensure fairness in the process and promote equal contributions from everyone. By allocating equivalent workload for each member, it ensures that no members will feel overloaded with work and not feel burned out during the project.

Inclusiveness

We made sure that everyone had roles that played to their strengths as some team members were better at backend coding while others were better at documentation. Everyone in the team had a role and assignment to do.

Accountability

Everyone is assigned roles via Taiga. This provides us with a channel to check that team members are successfully completing their assigned tasks. Not only that, but it also allows us to see which member is in need of help and this allows us to better facilitate the resources accordingly.

Data Driven Development

Model Requirement

In our existing database, we can include machine learning to the table of 'foodanddrinkstransactions' to find out the food and drinks preferred by customers. Supervised model can be used in this case as the model would need the data which are already labeled and inputted to do machine learning

Data Collection

We can use mixed datasets of public and own data sets to conduct the machine learning, this will allow a good balance of our own inputted data and public overview of the most popular food and drinks. For example finding out the top type of food and drinks and including them in our menu, and then further filtering it by checking the sales of the menu items after 1 month. With this we can have the top selling products at the top of the menu for customers to see first.

Data Cleaning

Removal of data collected during promotion as purchase of certain food items may be higher and will affect the average sales result. Filtering this off allows us to have a more accurate data set.

Data Labeling

itemName, itemPrice, quantity, purchaseTime (or similar data from other Tables)

Feature Engineering

Remove Username data to remove correlated features. Possible classification of items purchased to the time purchased

Model Training

Split training data according to month and use it as test data. Prediction algorithms: Decision Tree Regression Model. Classification algorithms: Random Forest

Model Evaluation

For assessing of the model's performance on test data, two commonly used metrics are accuracy and sensitivity. Accuracy represents the percentage of correct predictions made by the model. Sensitivity, on the other hand, measures the proportion of positive examples that are correctly identified by the model. These metrics provide insights into the overall correctness and ability of the model to correctly identify positive instances, respectively.

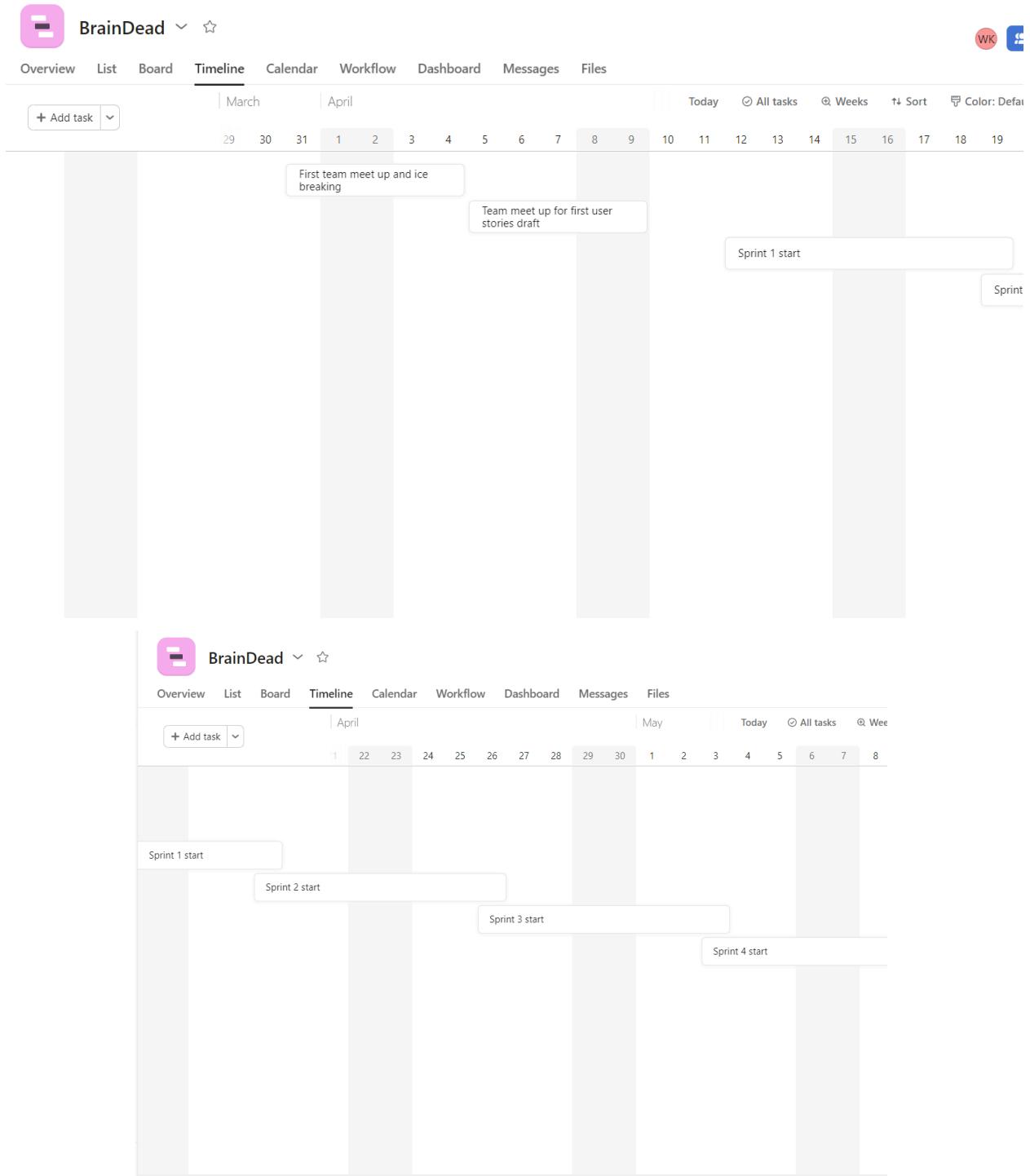
Model Deployment

Integrate the model into the Food and Drinks Purchase feature, so when a customer is on the Food and Drinks purchase page, the system will display the most popular purchased food item for customer's consideration.

Model Monitoring

Looking out for possible bias due to heavy purchase by regular customers. Once the model reached the requirement desired performance criteria, we would deploy it in the production environment for example we would sell specific food and drinks items on specific time of the day base

Gantt Chart





BrainDead ☆ Set status

WK

Share



Overview List Board Timeline Calendar Workflow Dashboard Messages Files

+ Add task

May

Today

All tasks

Weeks

Sort

Color: Default

Unsch

1 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29

3 start

Sprint 4 start

Update documentations

Finalize documentation. Ready for submission

Project Complete

CI / CD

Merging of First branch with main code:

S SIM2023Q2-BrianDead
Project information
Repository
Issues 0
Merge requests 0
CI/CD
Security and Compliance
Deployments
Packages and registries
Infrastructure
Monitor
Analytics
Wiki
Snippets
Settings
Collapse sidebar

SxT > SIM2023Q2-BrianDead > Merge requests > !5
Draft: First branch
Merged SxT requested to merge [FirstBranch](#) into [main](#) 4 minutes ago
Overview 0 Commits 1 Pipelines 2 Changes 1224+
Compare main & latest version 1224+ files +99932 -0 Expand all files
Some changes are not shown.
For a faster browsing experience, only 1224 of 1224+ files are shown. Download one of the files below to see all changes.
Plain diff Patches
Search (e.g. *.vue) (Ctrl+P)
.phpunit.cache/test-results 0 → 100644 +1 -0 Viewed
|.phpunit.cache
└─ test-results +1 -0
 └─ Controller
 └─ Cinema... mCTL.php +24 -0

S SIM2023Q2-BrianDead
Project information
Repository
Issues 0
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SxT > SIM2023Q2-BrianDead > Merge requests > !5
Draft: First branch FirstBranch into main
Overview 0 Commits 1 Pipelines 2 Changes 1224+
Search (e.g. *.vue) (Ctrl+P)
.phpunit.cache/test-results 0 → 100644 +1 -0 Viewed
|.phpunit.cache
└─ test-results +1 -0
 └─ Controller
 └─ Cinema... mCTL.php +24 -0
 └─ Cinema... ksCTL.php +13 -0
 └─ Cinema... onCTL.php +19 -0
 └─ Cinema... peCTL.php +12 -0
 └─ Cinema... omCTL.php +14 -0
 └─ Cinema... ksCTL.php +13 -0
 └─ Cinema... onCTL.php +13 -0
 └─ CinemaM... peCTL.php +11 -0
 └─ Cinema... omCTL.php +13 -0
 └─ Cinema... ksCTL.php +13 -0

SIM2023Q2-BrianDead

Merged Draft: First branch FirstBranch into main

Overview 0 Commits 1 Pipelines 2 Changes 1224+ Add a to do

Entity

Controller/UserAdminViewUserProfileCTL.php +12 -0 Viewed 0 → 100644

Entity/Cinema.php +28 -0 Viewed 0 → 100644

```
+ <?php
+ include_once 'db.php';
+
+ class Cinema
+
+ public function retrieveCinemaName()
+
+     global $con;
+     $option = "";
+     $sql = "SELECT cinemaName FROM cinema;";
+
+     try {
+         $result = mysqli_query($con, $sql);
+         if (mysqli_num_rows($result) > 0) {
+             while ($row = $result->fetch_assoc()) {
+                 $option .= '<option value="' .
```

SxT SIM2023Q2-BrianDead Merge requests > 15

Draft: First branch

Merged SxT requested to merge FirstBranch into main 13 minutes ago

Overview 0 Commits 1 Pipelines 2 Changes 1224+ Add a to do

Status	Pipeline	Triggerer	Stages
	commit #869710898 ↗ FirstBranch -o- fe8839bf		
	Create index.php #869708894 ↗ FirstBranch -o- 3dac412		

SxT SIM2023Q2-BrianDead Pipelines

All 9 Finished Branches Tags Clear runner caches CI lint Run pipeline

Filter pipelines

Status	Pipeline	Triggerer	Stages
	Merge branch 'FirstBranch' #869711146 ↗ main -o- 3ea491f0		
	commit #869710898 ↗ FirstBranch -o- fe8839bf		
	Update index.php #869709533 ↗ main -o- b9d7d1ec		
	Create index.php		

User Stories

Customer

Taiga ID	User Story
#1	As a Customer, I want to be able to sign up so that I have an account.
#2	As a Customer, I want to log in so that I can use the website features meant for customers.
#14	As a Customer, I want to log out so that I can end my session.
#3	As a Customer, I want to be able to update my profile so that I can edit my details.
#4	As a Customer, I want to be able to view my profile so that I can check my personal details.
#5	As a Customer, I want to view movie sessions details so that I can choose my preference.
#6	As a Customer, I want to purchase a ticket so that I can confirm my booking.
#7	As a Customer, I want to be able to pre-purchase food and drinks so that I can avoid the crowd at the movies.
#8	As a Customer, I want to be able to view a summary of my purchase so that I can reaffirm my transaction.

Cinema Manager

Taiga ID	User Story
#15	As a Cinema Manager, I want to log in so that I can use the website management features.
#37	As a Cinema Manager, I want to log out so that I can end my session.
#27	As a Cinema Manager, I want to create food and drink items so that I can add new menu items.
#28	As a Cinema Manager, I want to view the food and drink details so I can see all available menu items.
#29	As a Cinema Manager, I want to update the food and drinks details so that I can make changes to menu items' prices.
#30	As a Manager, I want to suspend the food and drink item so that I can suspend menu items.
#31	As a Cinema Manager, I want to search the food and drink details so that I can review certain food and drink menu items.
#578	As a Cinema Manager, I want to be able to view my profile so that I can check my personal details.
#16	As a Cinema Manager, I want to be able to update my profile so that I can edit my account details.
#17	As a Cinema Manager, I want to create new movie sessions so as to introduce new movie sessions.
#18	As a Cinema Manager, I want to view movie sessions so that I can have an overview of all movie sessions.
#19	As a Cinema Manager, I want to update the movie sessions so that I can edit the movie sessions.
#20	As a Cinema Manager, I want to suspend the movie sessions so that I can stop showing certain movie sessions.
#21	As a Cinema Manager, I want to search for movie sessions so that I can review certain movie sessions.
#22	As a Cinema Manager, I want to create a new cinema room so that I can introduce new cinema rooms.

#23	As a Cinema Manager, I want to view cinema rooms so that I can have an overview of all the cinema rooms.
#24	As a Cinema Manager, I want to update the cinema rooms so that I can edit the cinema rooms.
#25	As a Cinema Manager, I want to suspend the cinema rooms so that I can set some cinema rooms as inactive.
#26	As a Cinema Manager, I want to search the cinema rooms so that I can review certain cinema rooms.
#60	As a Cinema Manager, I want to create new ticket type to introduce different price benefits for different age groups.
#61	As a Cinema Manager, I want to view ticket type details so that I can have an overview of all available ticket types.
#62	As a Cinema Manager, I want to update the ticket type so that I can make changes to a specific ticket type.
#63	As a Cinema Manager, I want to suspend ticket type so that I can suspend a certain ticket type.
#64	As a Cinema Manager, I want to search for the different ticket type so that I can review individual ticket type details.

Cinema Owner

Taiga ID	User Story
#38	As a Cinema Owner, I want to log in so that I can use the website features meant for the owner.
#46	As a Cinema Owner, I want to log out so that I can end my session.
#482	As a Cinema Owner, I want to be able to view my profile so that I can check my personal details.
#39	As a Cinema Owner, I want to be able to update my profile so that I can edit my details.
#40	As a Cinema Owner, I would like to generate the current day revenue report so that I can view the current day revenue.
#41	As a Cinema Owner, I would like to generate the current week revenue report so that I can view the current week revenue.
#42	As a Cinema Owner, I would like to generate the current month revenue report so that I can view the current month revenue.
#43	As a Cinema Owner, I would like to generate the current day cinema utilisation report so that I can view current day cinema utilisation.
#44	As a Cinema Owner, I would like to generate the current week cinema utilisation report so that I can view the current week cinema utilisation.
#45	As a Cinema Owner, I would like to generate the current month cinema utilisation report so that I can view the current month cinema utilisation.

User Admin

Taiga ID	User Story
#47	As a User Admin, I want to be able to login so that I can use the website features meant for user admin.
#59	As a User Admin, I want to log out so that I can end my session.
#577	As a User Admin, I want to be able to view my profile so that I can check my personal details.
#48	As a User Admin, I want to be able to update my profile so that I can edit my details.
#49	As a User Admin, I want to be able to create a user account so that I can create new users.
#50	As a User Admin, I want to be able to view user account details so that I can have an overview of all user account details.
#51	As a User Admin, I want to update user account so that I can edit user account details
#52	As a User Admin, I want to be able to suspend user accounts so that I can suspend any user accounts belonging to inactive users.
#53	As a User Admin, I want to search user account so that I can view user account details.
#54	As a User Admin, I want to be able to create new user profiles so that I can create new user profiles.
#55	As a User Admin, I want to be able to view user profile details so that I can have an overview of all user profile details.
#57	As a User Admin, I want to update user profile so that I can edit user profile.
#56	As a User Admin, I want to be able to suspend user profile so that I can suspend any profile that is inactive
#58	As a User Admin, I want to search user profile so that I can view user profile details.

Sprint 1 [12th April to 19th April]

Test Plan

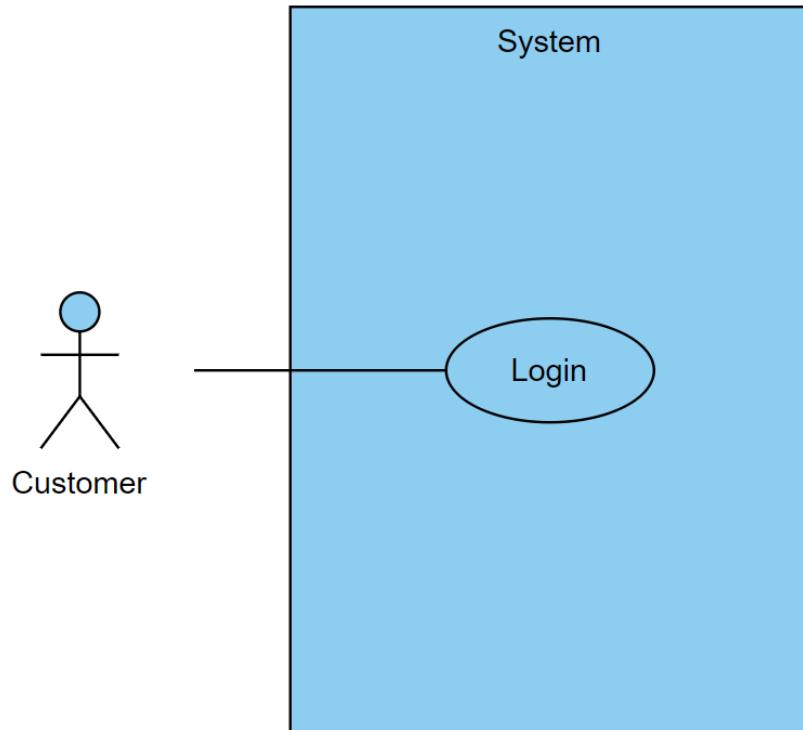
Master Test Plan for Sprint 1 [12 APR - 19 APR]	
Personnel Conducting Test:	Tay Song Xian
Test Schedule:	16 APR 2023 to 18 APR 2023
Test Environment used:	Local Physical Device with access to browsers such as Microsoft Edge / Google Chrome
Testing Technique:	<p>Unit Testing: - To validate individual components / function</p> <p>Integrate Testing: -Verifies interaction between component, ensure integrated program is in working order.</p>
Components tested in current sprint:	<p>Testing type: Functionality</p> <p>Tested Components:</p> <ol style="list-style-type: none">1. Customer - Login2. Customer - Sign Up3. Cinema Manager - Login4. Cinema Owner - Login5. User Admin - Login

Customer - Login

#2 User Story

As a Customer, I want to log in so that I can use the website features meant for customers.

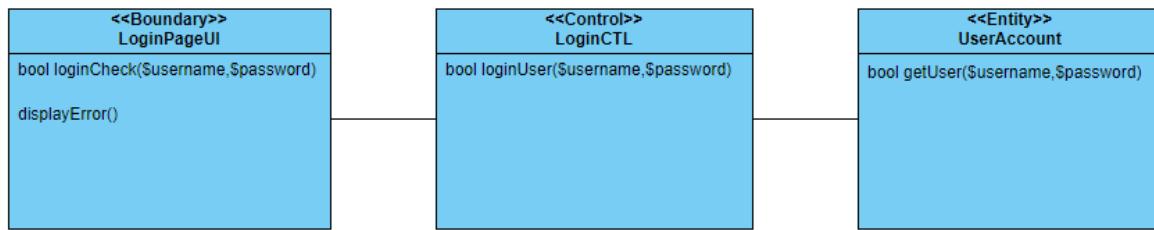
#84 Use Case Diagram



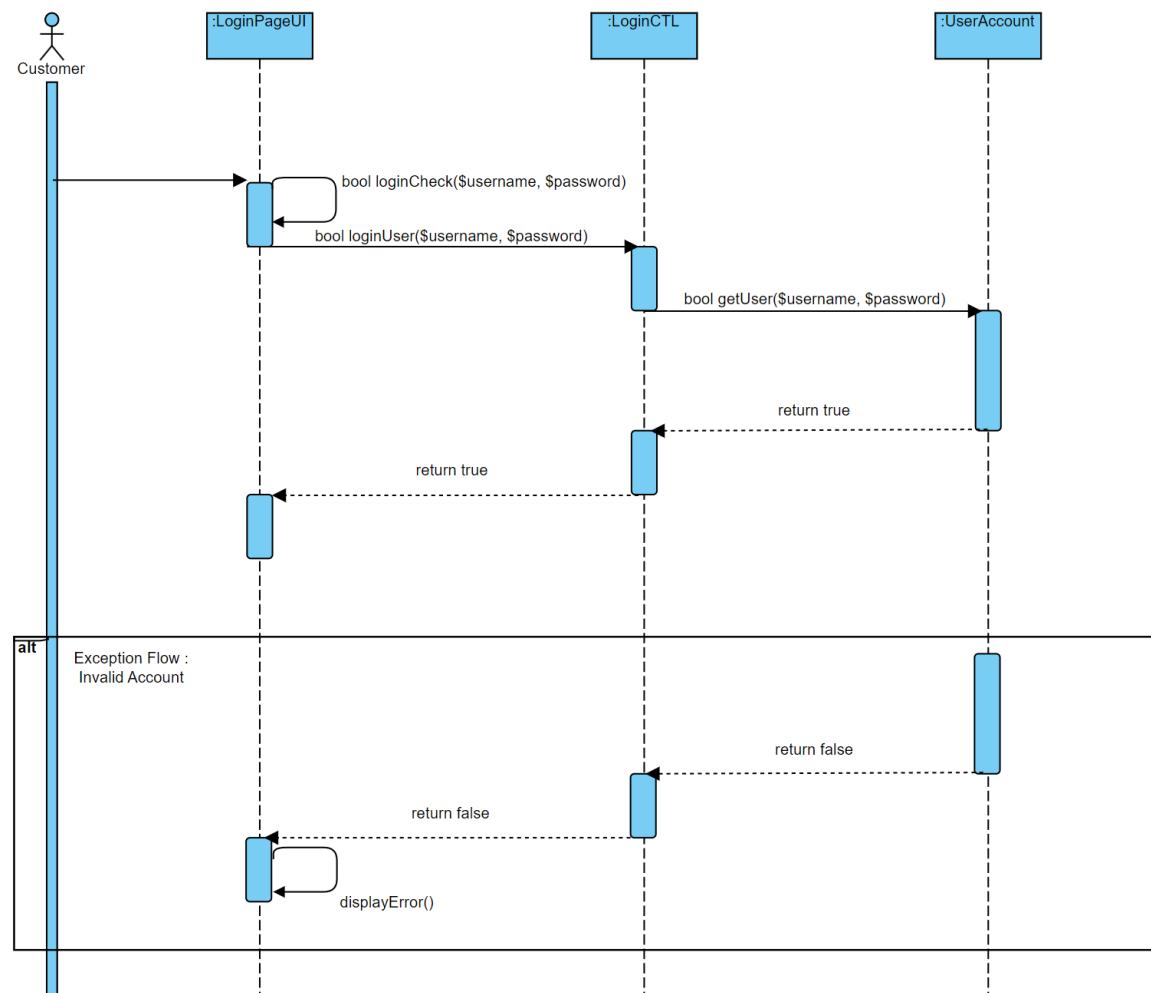
#175 Use Case Description

Name : Customer - Log in	ID: #175
Stakeholders and goals : Customer - wants to log in to be able to use the website features.	
Description : Customer wants to log in to the cinema website using his/her username and password.	
Actors : Customer	
Precondition : Customer is on login page	
Trigger : Customer enters username and password and clicks on log in	
Normal flow: <ol style="list-style-type: none">1. The system checks the database for the corresponding username and verifies the password2. The customer is logged in3. End	
Sub-flows : None	
Alternative/Exceptional flows: 1a Invalid Account - account does not exist.	

#85 BCE Class Diagram



#87 BCE Sequence Diagram



#88 Wireframe

The wireframe shows a simple login interface. At the top center is a placeholder for a logo, consisting of two overlapping triangles pointing towards each other. Below it is the text "Welcome to Braindead Movies !". There are two input fields: one for "Username" and one for "Password", both represented by empty rectangular boxes. Below these is a "Login" button, which is a small rectangle with the word "Login" in a box. At the bottom left, there is a link "New? Sign up here →" followed by a "Sign Up" button, which is another small rectangle with the words "Sign Up" in a box.

#92 Conduct Testing

Project Name :	Braindead				
Test CaseID :	TC-92				
Test Case Description :	Customer to login to website to access customer landing page.				
Pre-Condition :	User Admin is on index.php (Login page)				
Test Data File :	userAccount_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-92-1	Start login page	Nil	Login Page appears on screen	Login Page appears on Screen	Pass
TC-92-2	Enter Username, Password	Username: cx1 Password:123	Login success, redirects to customer landing page.	Login success, redirects to customer landing page.	Pass

Taiga

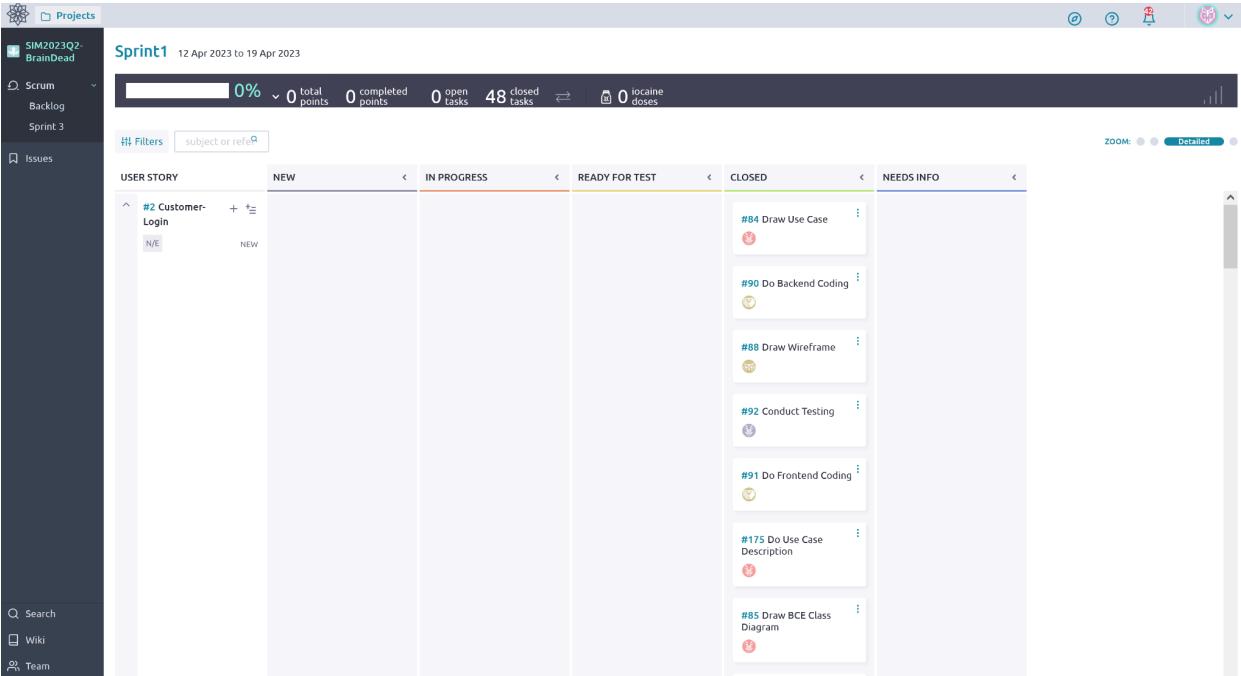
Sprint 1 12 Apr 2023 to 19 Apr 2023

0% 0 total points 0 completed points 0 open tasks 48 closed tasks 0 cocaine doses

ZOOM: Detailed

USER STORY	NEW	IN PROGRESS	READY FOR TEST	CLOSED	NEEDS INFO
#2 Customer-Login	NEW			#84 Draw Use Case #90 Do Backend Coding #88 Draw Wireframe #92 Conduct Testing #91 Do Frontend Coding #175 Do Use Case Description #85 Draw BCE Class Diagram #87 Draw BCE Sequence	

collapse menu



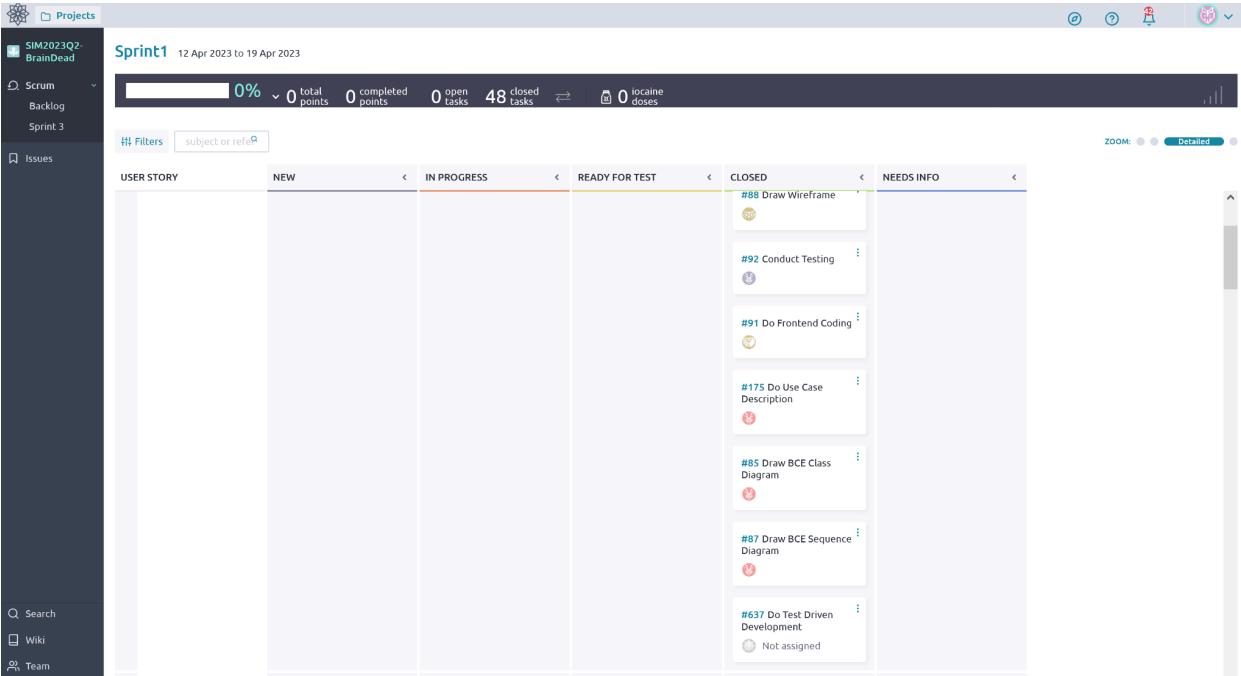
Sprint 1 12 Apr 2023 to 19 Apr 2023

0% 0 total points 0 completed points 0 open tasks 48 closed tasks 0 cocaine doses

ZOOM: Detailed

USER STORY	NEW	IN PROGRESS	READY FOR TEST	CLOSED	NEEDS INFO
#1 Customer-Login				#88 Draw Wireframe #92 Conduct Testing #91 Do Frontend Coding #175 Do Use Case Description #85 Draw BCE Class Diagram #87 Draw BCE Sequence #637 Do Test Driven Development Not assigned	

collapse menu

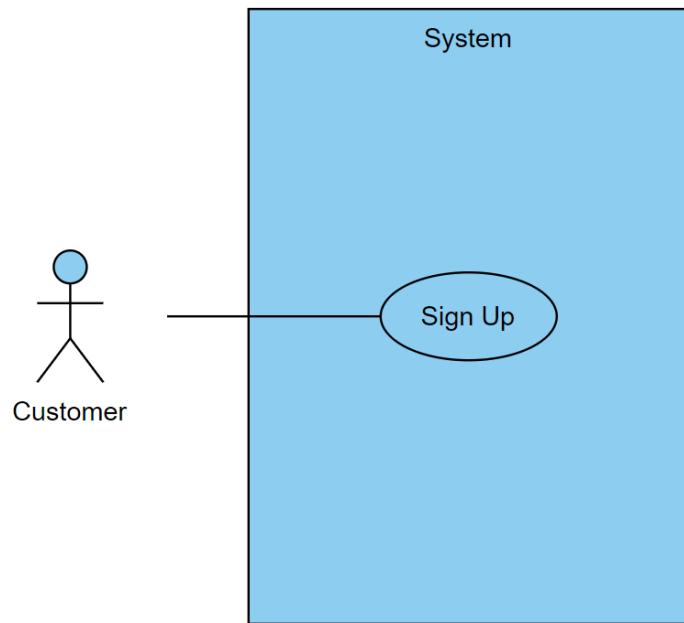


Customer - Sign Up

#1 User Story

As a Customer, I want to be able to sign up so that I have an account.

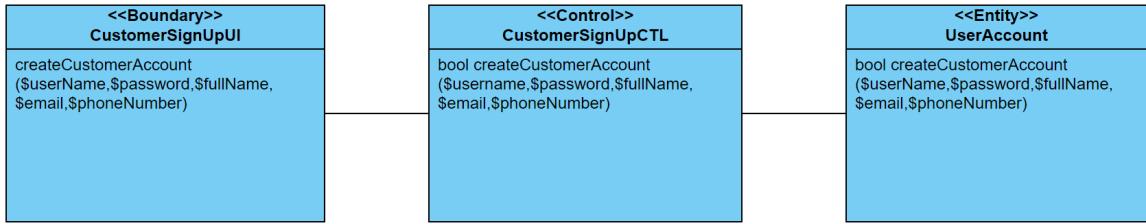
#483 Use Case Diagram



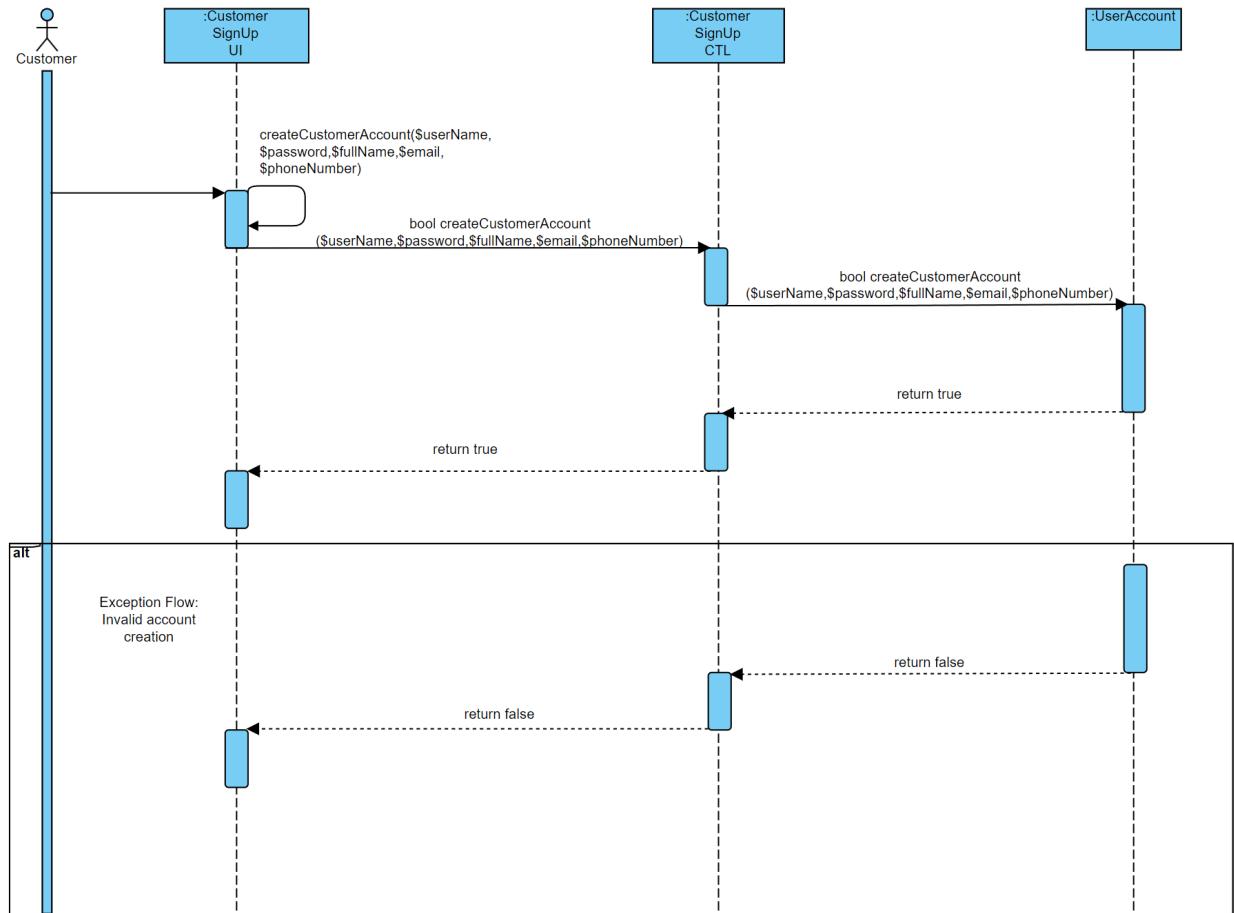
#484 Use Case Description

Name : Customer - Sign Up	ID: #484
Stakeholders and goals : Customer - wants to be able to sign up for an account	
Description : Customer wants to sign up for an account with the cinema with new username, password and personal details.	
Actors : Customer	
Precondition : Customer is on login page.	
Trigger : Customer clicks on sign up button on the login page.	
Normal flow: <ol style="list-style-type: none">1. The system displays the Customer Sign Up Page.2. The customer enters desired username, password and personal details.3. The system checks the username against other existing usernames in the database and creates a new account in the database4. End	
Sub-flows : None	
Alternative/Exceptional flows: 3a. Invalid account creation : Display error message	

#485 BCE Class Diagram



#486 BCE Sequence Diagram



Login Page UI



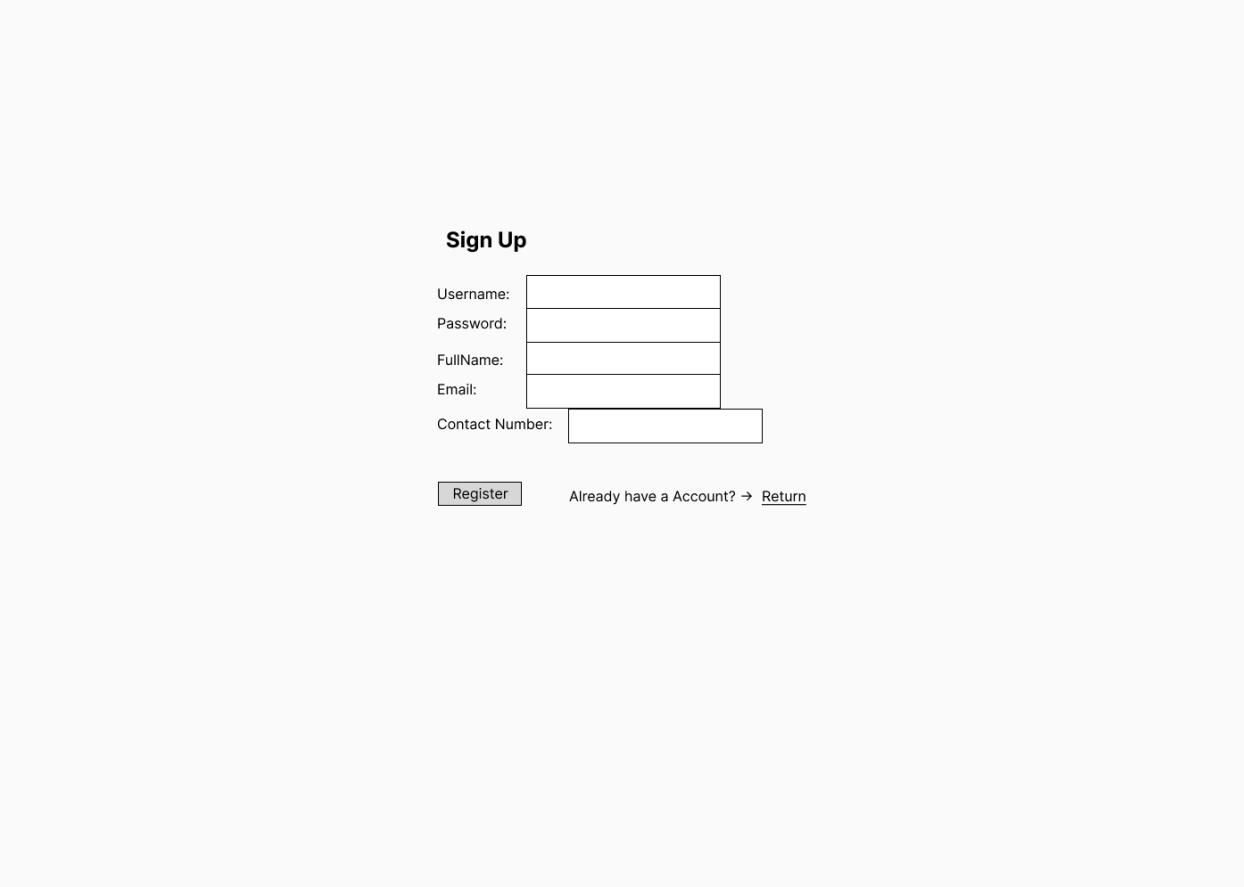
Welcome to Braindead Movies !

Username:

Password:

New? Sign up here →

#487 Wireframe



The wireframe shows a 'Sign Up' form. It includes fields for Username, Password, FullName, Email, and Contact Number. Below the form are 'Register' and 'Return' buttons.

Sign Up

Username:

Password:

FullName:

Email:

Contact Number:

Already have a Account? → [Return](#)

#490 Conduct Testing

Project Name :	Braindead				
Test CaseID :	TC-490				
Test Case Description :	Customer to sign up an account				
Pre-Condition :	Customer is on CustomerSignUp UI page				
Test Data File :	-				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-490-1	Start sign up page	Nil	Sign up Page appears on screen	Sign up Page appears on Screen	Pass
TC-490-2	Enter UserName, Password, FullName, Email, Contact Number	UserName: TestCase1 Password:123 FullName:TC1 Email:TC1@gmail.com Contact Number:12345678	Signup success, Signup successful message appears	Sign up successful message appears	Pass

Taiga

Sprint 1 12 Apr 2023 to 19 Apr 2023

0% 0 total points 0 completed points 0 open tasks 48 closed tasks 0 cocaine doses

ZOOM: Detailed

USER STORY	NEW	IN PROGRESS	READY FOR TEST	CLOSED	NEEDS INFO
#1 Customer-Signup	N/E	NEW		#483 Draw Use Case Diagram #490 Conduct Testing #489 Do Frontend Coding #487 Draw Wireframe #486 Draw BCE Sequence Diagram #485 Draw BCE Class Diagram #484 Do Use Case Description	

Sprint 1 12 Apr 2023 to 19 Apr 2023

0% 0 total points 0 completed points 0 open tasks 48 closed tasks 0 cocaine doses

ZOOM: Detailed

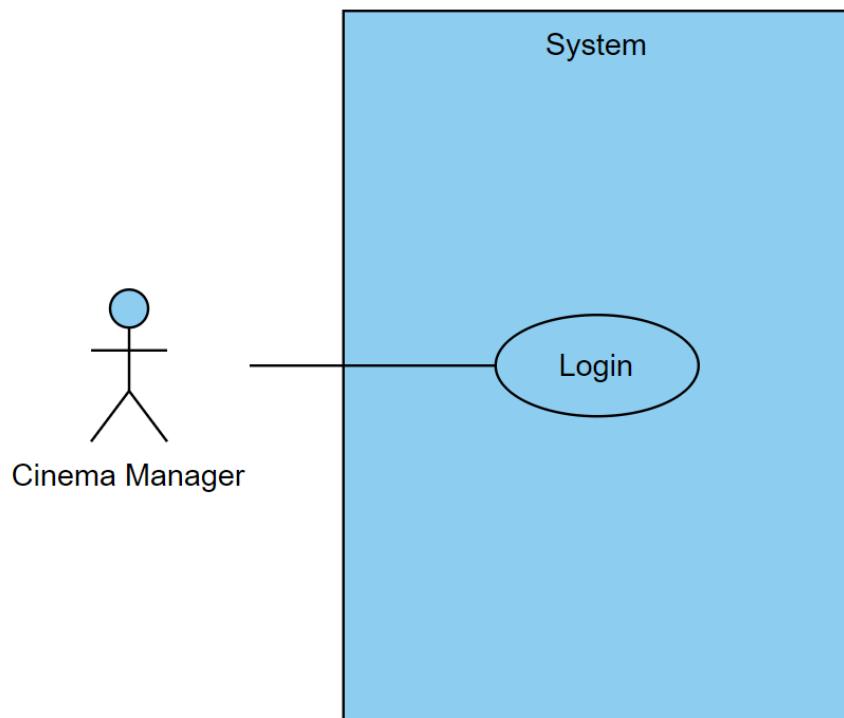
USER STORY	NEW	IN PROGRESS	READY FOR TEST	CLOSED	NEEDS INFO
				#489 Do Frontend Coding #487 Draw Wireframe #486 Draw BCE Sequence Diagram #485 Draw BCE Class Diagram #484 Do Use Case Description #488 Do Backend Coding #638 Do Test Driven Development Not assigned	

Cinema Manager - Login

#15 User Story

As a Cinema Manager, I want to log in so that I can use the website management features.

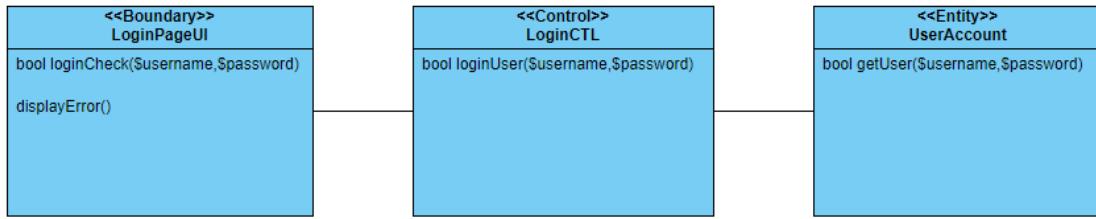
#157 Use Case Diagram



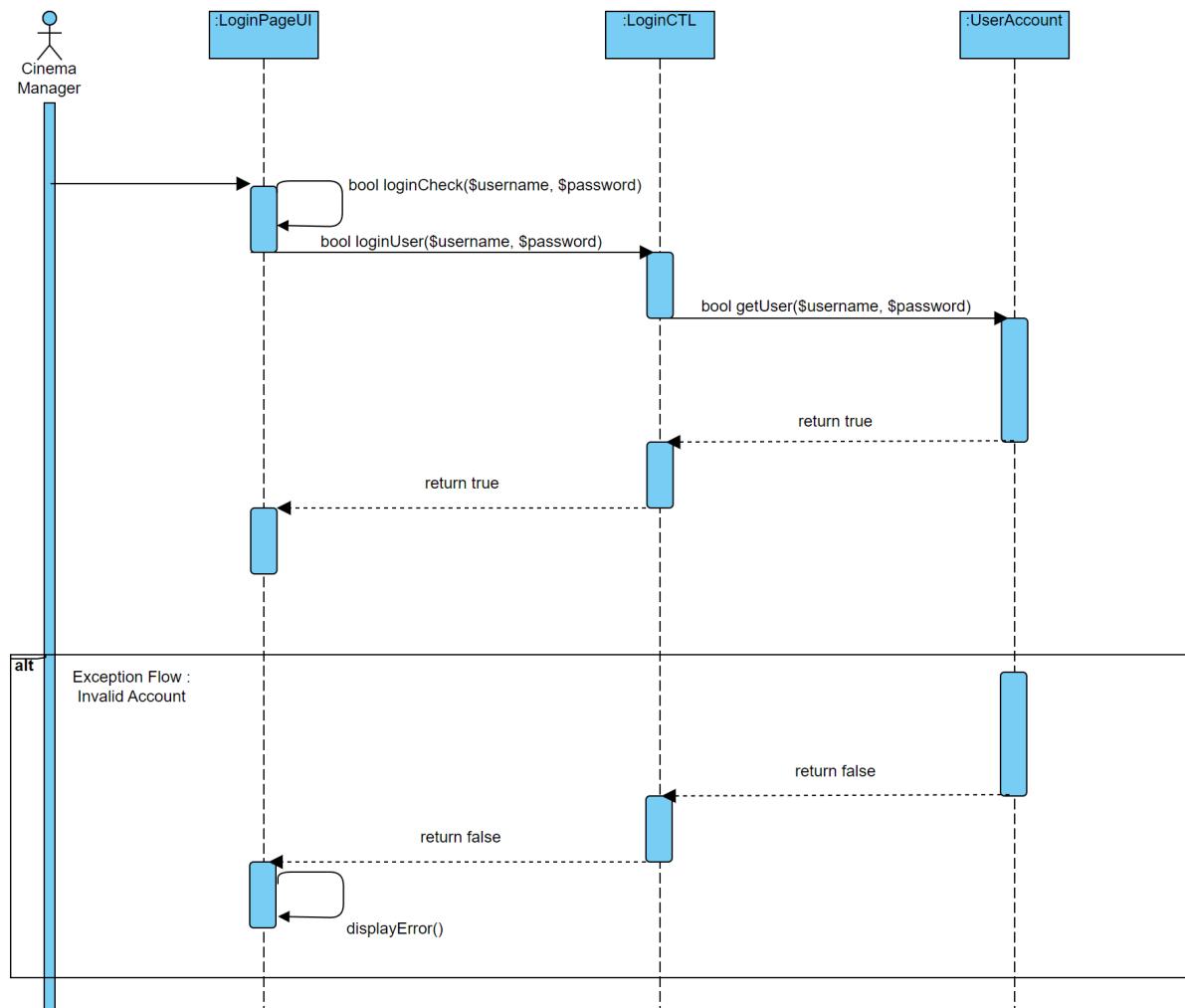
#177 Use Case Description

Name : Cinema Manager - Log in	ID: #177
Stakeholders and goals : Cinema Manager - wants to log in to be able to use the website features	
Description : Cinema Manager wants to log in to the cinema website using his/her username and password.	
Actors : Cinema Manager	
Precondition : Cinema Manager is at login page	
Trigger : Cinema Manager enters username and password and clicks on log in	
Normal flow: <ol style="list-style-type: none">1. The system checks the database for the corresponding username and verifies the password2. The Cinema Manager is logged in3. End	
Sub-flows : None	
Alternative/Exceptional flows: 1a Invalid Account : account does not exist	

#158 BCE Class Diagram



#160 BCE Sequence Diagram



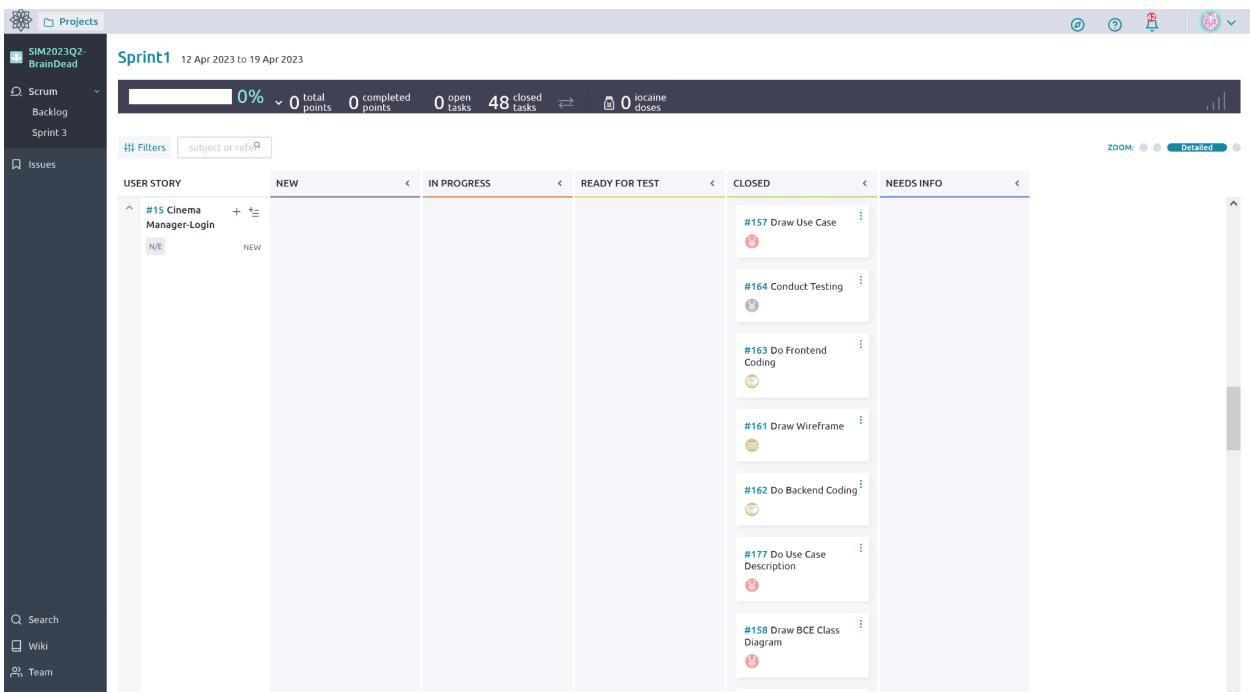
#161 Wireframe

The wireframe shows a simple login interface. At the top center is a logo consisting of two overlapping triangles forming a V-shape, with the word "Logo" written below it. Below the logo is the text "Welcome to Braindead Movies !". There are two input fields: one for "Username" and one for "Password", both represented by empty rectangular boxes. Below these fields is a "Login" button, which is a small rectangle with the word "Login" centered inside. At the bottom left, there is a link "New? Sign up here →" followed by a "Sign Up" button, which is another small rectangle.

#164 Conduct Testing

Project Name :	Braindead				
Test CaseID :	TC-164				
Test Case Description :	Cinema Manager to login to website to access Cinema Manager landing page.				
Pre-Condition :	Cinema Manager is on index.php (Login page)				
Test Data File :	userAccount_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-164-1	Start login page	Nil	Login Page appears on screen	Login Page appears on Screen	Pass
TC-164-2	Enter Username, Password	Username:mg1 Password:123	Login success, redirects to Cinema Manager landing page.	Login success, redirects to Cinema Manager landing page.	Pass

Taiga



Sprint 1 12 Apr 2023 to 19 Apr 2023

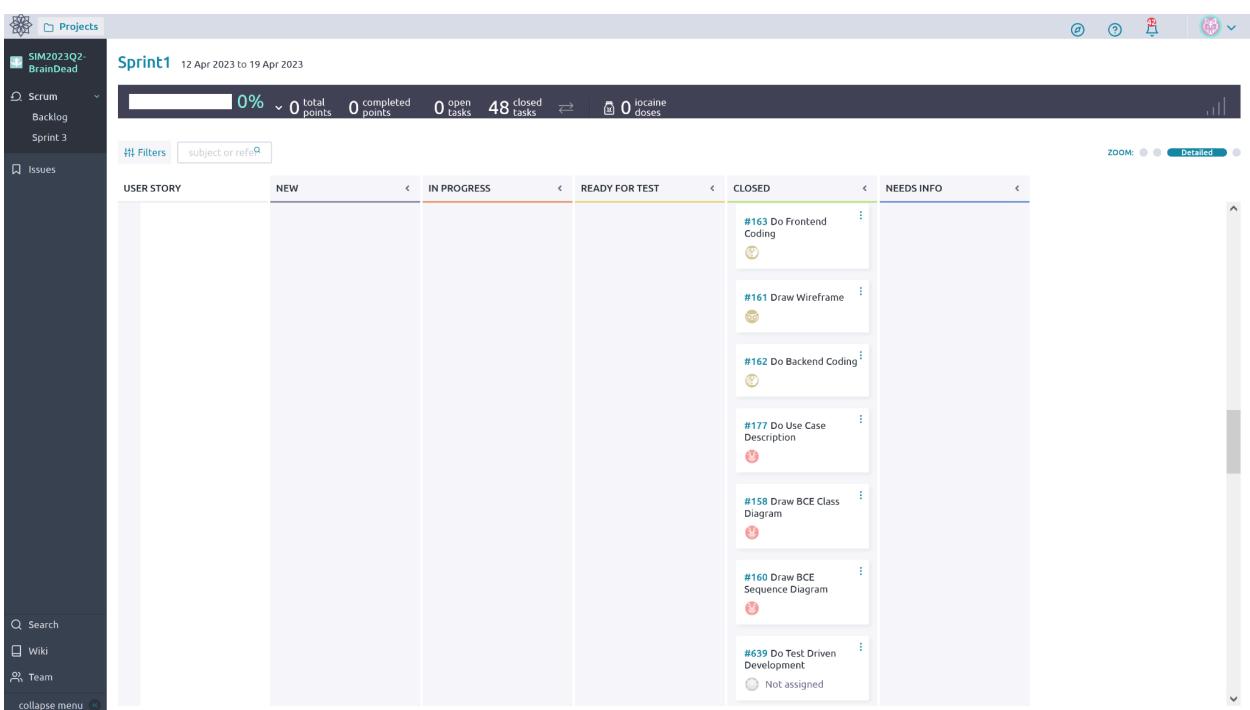
0% 0 total points 0 completed points 0 open tasks 48 closed tasks 0 cocaine doses

Filters subject or ref ID

ZOOM: **Detailed**

USER STORY	NEW	IN PROGRESS	READY FOR TEST	CLOSED	NEEDS INFO
#15 Cinema Manager-Login	N/A	NEW		#157 Draw Use Case #164 Conduct Testing #163 Do Frontend Coding #161 Draw Wireframe #162 Do Backend Coding #177 Do Use Case Description #158 Draw BCE Class Diagram	

search Wiki Team collapse menu



Sprint 1 12 Apr 2023 to 19 Apr 2023

0% 0 total points 0 completed points 0 open tasks 48 closed tasks 0 cocaine doses

Filters subject or ref ID

ZOOM: **Detailed**

USER STORY	NEW	IN PROGRESS	READY FOR TEST	CLOSED	NEEDS INFO
				#163 Do Frontend Coding #161 Draw Wireframe #162 Do Backend Coding #177 Do Use Case Description #158 Draw BCE Class Diagram #160 Draw BCE Sequence Diagram #639 Do Test Driven Development Not assigned	

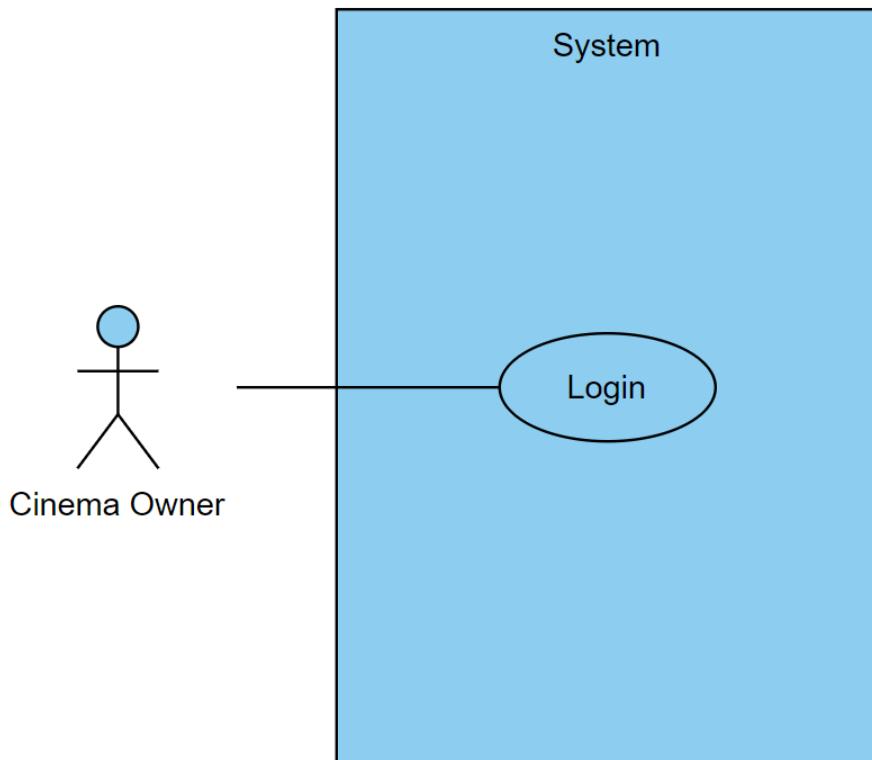
search Wiki Team collapse menu

Cinema Owner - Login

#38 User Story

As a Cinema Owner, I want to log in so that I can use the website features meant for the owner.

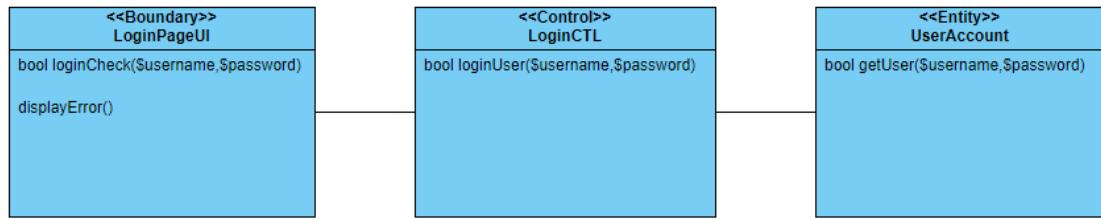
#139 Use Case Diagram



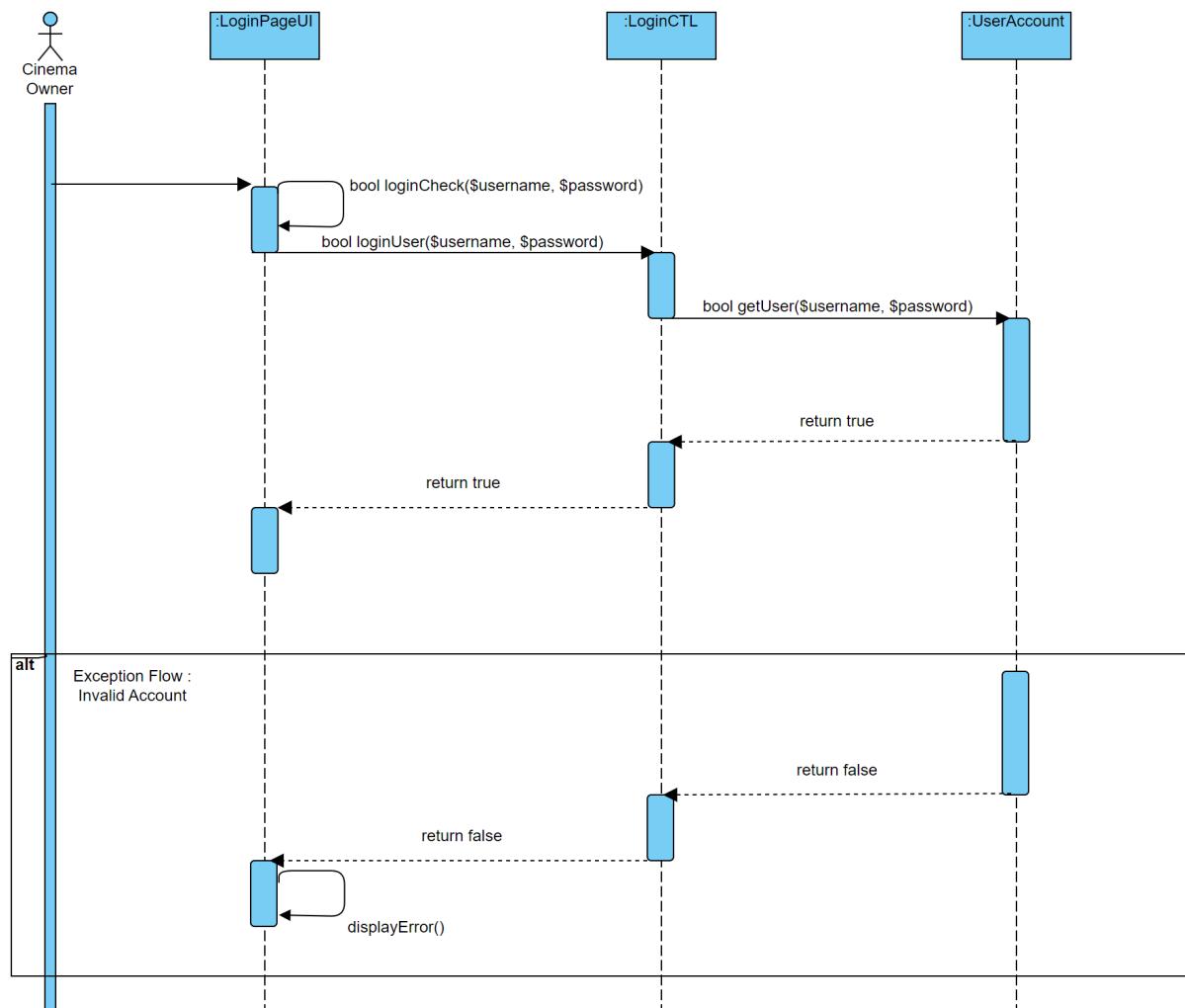
#179 Use Case Description

Name : Cinema Owner - Log in	ID: #179
Stakeholders and goals : Cinema Owner - Wants to log in to be able to use the website features	
Description : Cinema Owner wants to log in to the cinema website using his/her username and password.	
Actors : Cinema Owner	
Precondition : Cinema Owner is at login page	
Trigger : Cinema Owner enters username and password and clicks on log in	
Normal flow: <ol style="list-style-type: none">1. The system checks the database for the corresponding username and verifies the password2. The Cinema Owner is logged in3. End	
Sub-flows : None	
Alternative/Exceptional flows: 1a Invalid Account : account does not exist	

#140 BCE Class Diagram



#142 BCE Sequence Diagram



#143 Wireframe

Welcome to Braindead Movies !

Username:

Password:

New? Sign up here →

#146 Conduct Testing

Project Name :	Braindead				
Test CaseID :	TC-146				
Test Case Description :	Cinema Owner to login to website to access Cinema Owner landing page.				
Pre-Condition :	Cinema Owner is on index.php (Login page)				
Test Data File :	userAccount_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-146-1	Start login page	Nil	Login Page appears on screen	Login Page appears on Screen	Pass
TC-146-2	Enter Username, Password	Username:co1 Password:123	Login success, redirects to Cinema Owner landing page.	Login success, redirects to Cinema Owner landing page.	Pass

Taiga

Sprint 1 12 Apr 2023 to 19 Apr 2023

0% total points, 0 completed points, 0 open tasks, 48 closed tasks, 0 cocaine doses

Filters: subject or ref ID

ZOOM: Detailed

USER STORY	NEW	IN PROGRESS	READY FOR TEST	CLOSED	NEEDS INFO
#30 Cinema Owner-Login	N/E	NEW		#139 Draw Use Case #146 Conduct Testing #145 Do Frontend Coding #143 Draw Wireframe #144 Do Backend Coding #179 Do Use Case Description #140 Draw BCE Class Diagram #142 Draw BCE Sequence Diagram	

Sprint 1 12 Apr 2023 to 19 Apr 2023

0% total points, 0 completed points, 0 open tasks, 48 closed tasks, 0 cocaine doses

Filters: subject or ref ID

ZOOM: Detailed

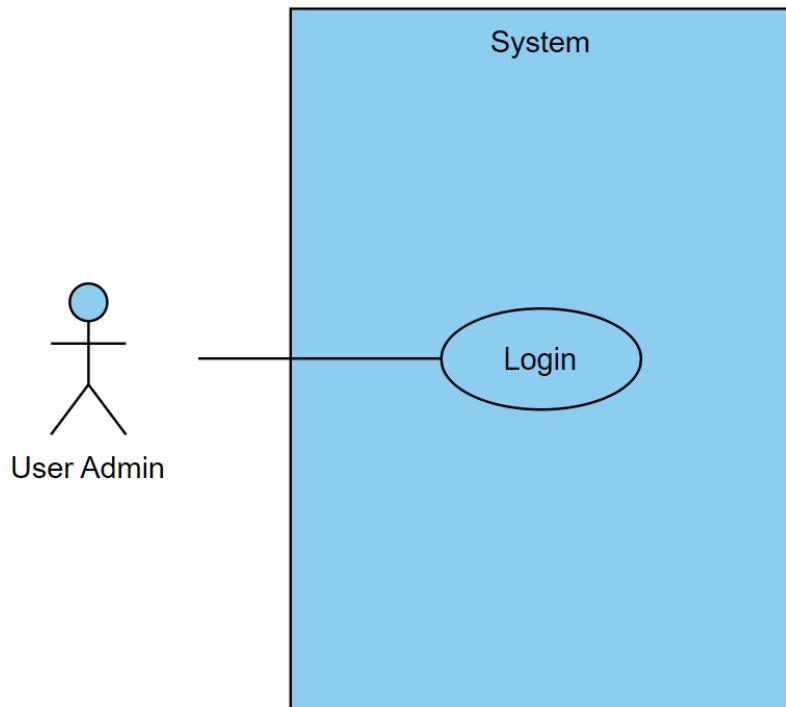
USER STORY	NEW	IN PROGRESS	READY FOR TEST	CLOSED	NEEDS INFO
				#145 Do Frontend Coding #143 Draw Wireframe #144 Do Backend Coding #179 Do Use Case Description #140 Draw BCE Class Diagram #142 Draw BCE Sequence Diagram #640 Do Test Driven Development	

User Admin - Login

#47 User Story

As a User Admin, I want to be able to login so that I can use the website features meant for user admin.

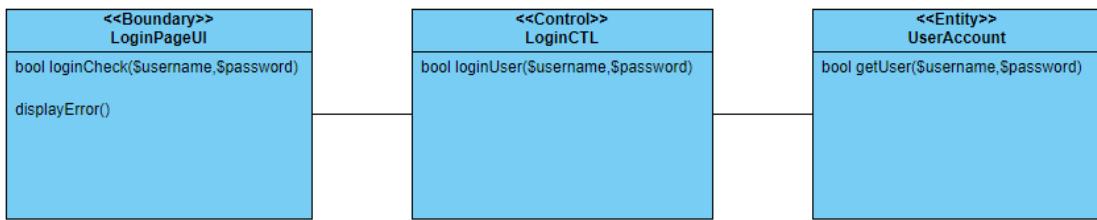
#174 Use Case Diagram



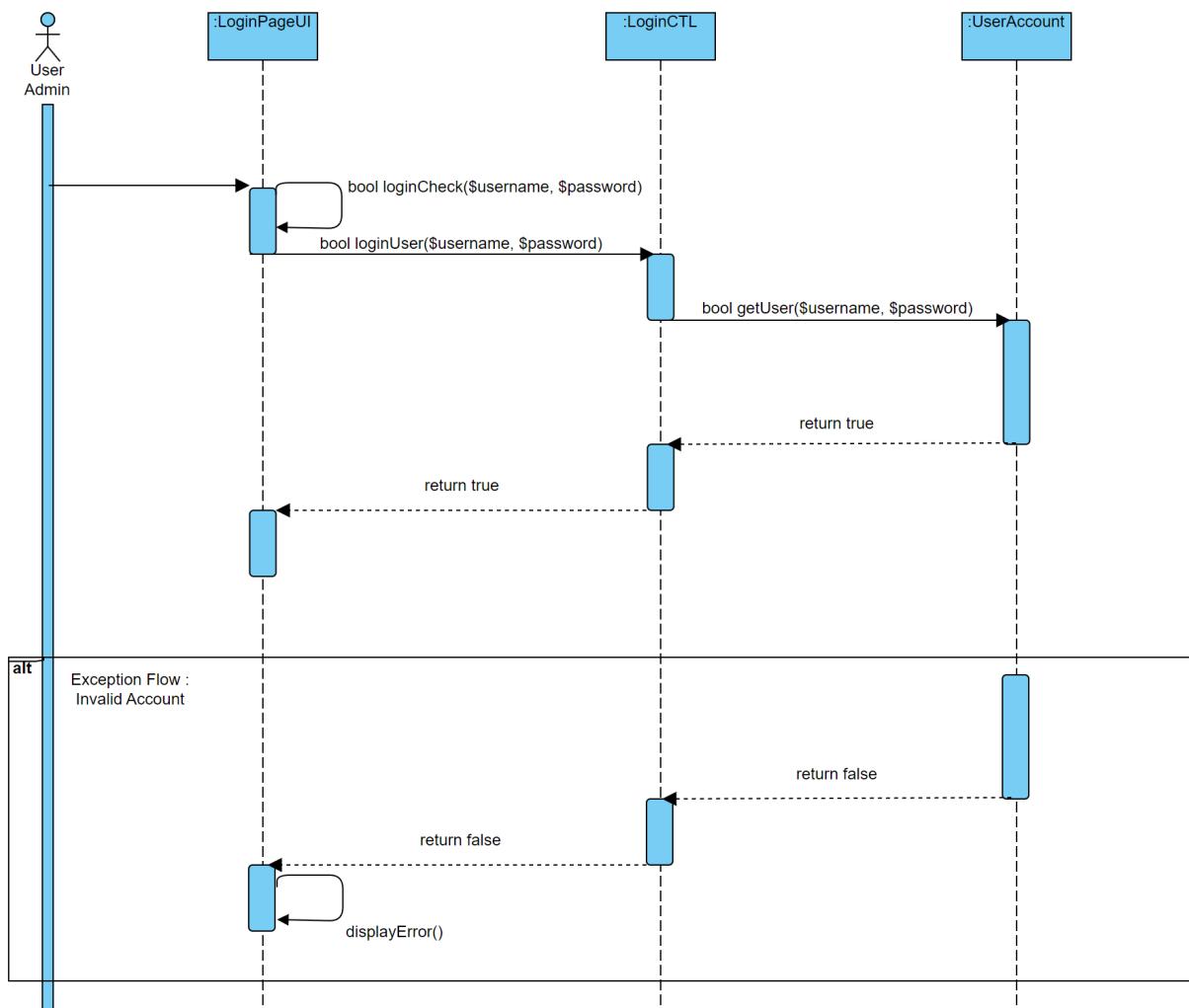
#181 Use Case Description

Name : User Admin - Log in	ID: #181
Stakeholders and goals : User Admin - wants to log in to be able to use the website features	
Description : User Admin wants to log in to the cinema website	
Actors : User Admin	
Precondition : User Admin is at login page	
Trigger : User Admin enters username and password and clicks on log in	
Normal flow: <ol style="list-style-type: none">1. The system checks the database for the corresponding username and verifies the password2. The User Admin is logged in3. End	
Sub-flows : None	
Alternative/Exceptional flows: 2a Invalid account : account does not exist	

#122 BCE Class Diagram



#124 BCE Sequence Diagram



#125 Wireframe

Welcome to Braindead Movies !

Username:

Password:

Login

New? Sign up here → [Sign Up](#)

#128 Conduct Testing

Project Name :	Braindead				
Test CaseID :	TC-128				
Test Case Description :	User Admin to login to website to access User Admin landing page.				
Pre-Condition :	User Admin is on index.php (Login page)				
Test Data File :	userAccount_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-128-1	Start login page	Nil	Login Page appears on screen	Login Page appears on Screen	Pass
TC-128-2	Enter Username, Password	Username: admin1 Password:123	Login success, redirects to User Admin landing page.	Login success, redirects to User Admin landing page.	Pass

Taiga

Sprint 1 12 Apr 2023 to 19 Apr 2023

0% 0 total points 0 completed points 0 open tasks 48 closed tasks 0 cocaine doses

ZOOM: Detailed

USER STORY	NEW	IN PROGRESS	READY FOR TEST	CLOSED	NEEDS INFO
#47 User Admin-Login	N/E	NEW		#174 Draw Use Case #127 Do Frontend Coding #125 Draw Wireframe #128 Conduct Testing #126 Do Backend Coding #181 Do Use Case Description #122 Draw BCE Class Diagram	

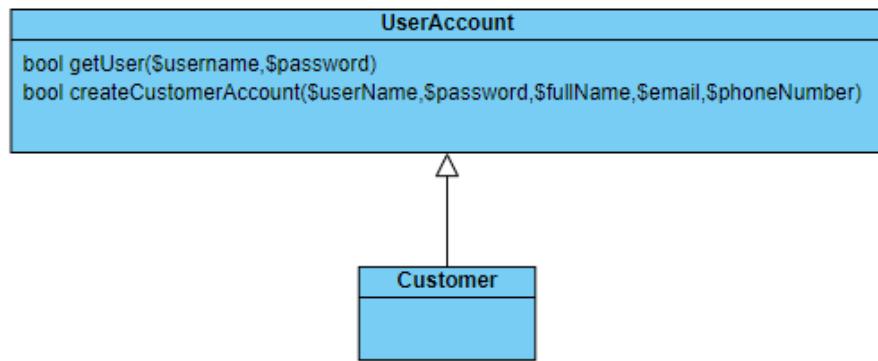
Sprint 1 12 Apr 2023 to 19 Apr 2023

0% 0 total points 0 completed points 0 open tasks 48 closed tasks 0 cocaine doses

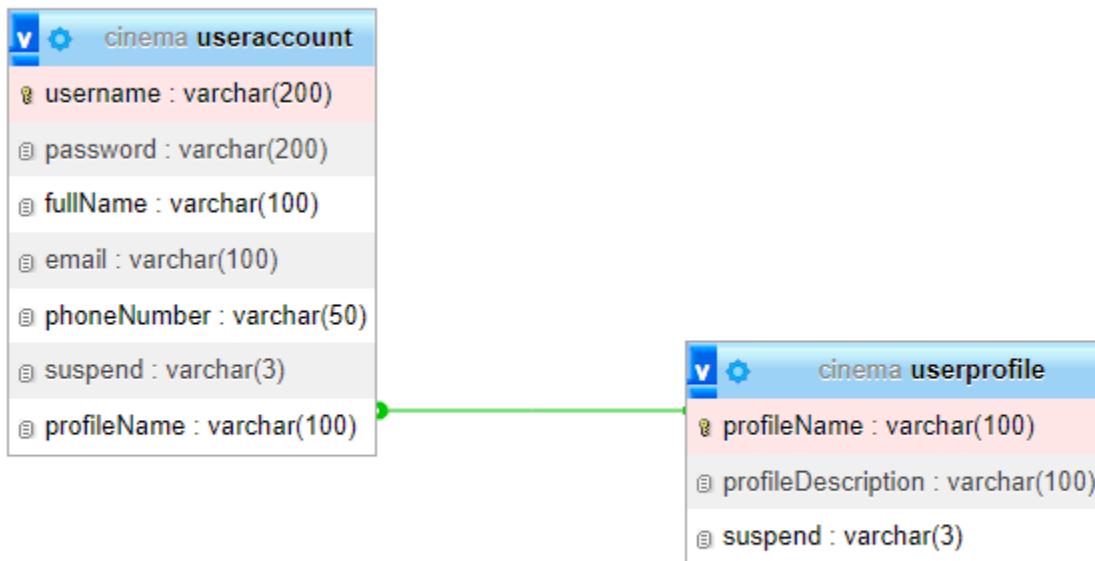
ZOOM: Detailed

USER STORY	NEW	IN PROGRESS	READY FOR TEST	CLOSED	NEEDS INFO
				#125 Draw Wireframe #128 Conduct Testing #126 Do Backend Coding #181 Do Use Case Description #122 Draw BCE Class Diagram #124 Draw BCE Sequence Diagram #641 Do Test Driven Development	# Not assigned

#192 UML Class Diagram



#73 Data Persistence Diagram



Test Driven Development

#637 Customer - Login

The screenshot shows a code editor interface with several tabs at the top: phpunit.xml, LoginCTLTest.php (active), LoginCTL.php, and UserAccount.php. The LoginCTLTest.php tab contains the following code:

```
5 class LoginCTLTest extends TestCase
6 {
7     public function testLoginUserReturnsTrueForValidCredentials()
8     {
9         // Arrange
10        $userAccount = new LoginCTL();
11        $username = 'cxl';
12        $password = '123';
13
14        // Act
15        $result = $userAccount->loginUser($username, $password);
16
17        // Assert
18        $this->assertTrue($result, 'Expected the result to be true');
19    }
20
21
22
23
24 ?>
```

Below the code editor is a terminal window with the following output:

```
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
● PS C:\xampp\htdocs\Sprint4> vendor/bin/phpunit
PHPUnit 10.1.3 by Sebastian Bergmann and contributors.

Runtime:      PHP 8.2.4
Configuration: C:\xampp\htdocs\Sprint4\phpunit.xml
.
.
.
Time: 00:00.015, Memory: 6.00 MB
OK (1 test, 1 assertion)
● PS C:\xampp\htdocs\Sprint4> []
```

- Description: The following code is to test for customer login. If the testing passed it means that the customer has successfully logged in.
 - Expected result: We expect the function `loginUser($username, $password)` to return true. Hence, the terminal should show OK(1 test, 1 assertion).
 - Actual result: As shown in the picture above, the function `loginUser($username, $password)` returns true. Hence, the terminal shows OK(1 test, 1 assertion).

The screenshot shows a code editor interface with several tabs at the top: 'phpunit.xml', 'LoginCTLTest.php' (selected), 'LoginCTL.php', and 'UserAccount.php'. The 'LoginCTLTest.php' tab contains the following PHP code:

```
1 <?php
2 use PHPUnit\Framework\TestCase;
3
4 include_once('Controller/LoginCTL.php');
5 class LoginCTLTest extends TestCase
6 {
7     public function testLoginUserReturnsFalseForInvalidCredentials()
8     {
9         // Arrange
10        $userAccount = new LoginCTL();
11        $username = 'dasdsad';
12        $password = 'sdsadad';
13
14        // Act
15        $result = $userAccount->loginUser($username, $password);
16
17        // Assert
18        $this->assertFalse($result, 'Expected the result to be false');
19    }
20}
21?>
```

Below the code editor is a terminal window showing the execution of the test:

```
PS C:\xampp\htdocs\Sprint4> vendor/bin/phpunit
PHPUnit 10.1.3 by Sebastian Bergmann and contributors.

Runtime:      PHP 8.2.4
Configuration: C:\xampp\htdocs\Sprint4\phpunit.xml
.
.
.
Time: 00:00.015, Memory: 6.00 MB
OK (1 test, 1 assertion)
PS C:\xampp\htdocs\Sprint4> [ ]
```

- Description: The following code is to test for customer login. If the testing passed it means that the customer has failed to log in as the username and password is invalid.
 - Expected result: We expect the function `loginUser($username, $password)` to return false. Hence, the terminal should show OK(1 test, 1 assertion).
 - Actual result: As shown in the picture above, the function `loginUser($username, $password)` returns false. Hence, the terminal shows OK(1 test, 1 assertion).

#638 Customer - Sign Up

The screenshot shows a code editor interface with several tabs at the top: phpunit.xml, CustomerSignUpCTLTest.php (selected), CustomerSignUpCTL.php, and Customer.php. The code in CustomerSignUpCTLTest.php is as follows:

```
<?php
use PHPUnit\Framework\TestCase;
include_once('Controller\CustomerSignUpCTL.php');
class CustomerSignUpCTLTest extends TestCase
{
    function testCreateCustomerAccountReturnsTrueForValidCredentials()
    {
        // Arrange
        $customer = new CustomerSignUpCTL();
        $userName = 'ValidCreation28';
        $password = '123';
        $fullName = "ValidUser";
        $email = "ValidCreation@gmail.com";
        $phoneNumber = "12345678";
        // Act
        $result = $customer->createCustomerAccount($userName, $password, $fullName, $email, $phoneNumber);
        // Assert
        $this->assertTrue($result, 'Expected the result to be true');
    }
}
```

Below the code editor is a terminal window showing the execution of the test:

```
PS C:\xampp\htdocs\Sprint4> vendor/bin/phpunit
PHPUnit 10.1.3 by Sebastian Bergmann and contributors.

Runtime:      PHP 8.2.4
Configuration: C:\xampp\htdocs\Sprint4\phpunit.xml

.

1 / 1 (100%)

Time: 00:00.025, Memory: 6.00 MB

OK (1 test, 1 assertion)
PS C:\xampp\htdocs\Sprint4> []
```

- Description: The following code is to test for customer sign up. If the testing passed it means that the customer account had been successfully created.
 - Expected result: We expect the function `createCustomerAccount($userName,$password,$fullName,$email,$phone Number)` to return true. Hence, the terminal should show OK(1 test, 1 assertion).
 - Actual result: As shown in the picture above, the function `createCustomerAccount($userName,$password,$fullName,$email,$phone Number)` returns true. Hence, the terminal shows OK(1 test, 1 assertion).

#639 Cinema Manager - Login

The screenshot shows a code editor interface with a dark theme. At the top, there are two tabs: 'phpunit.xml' and 'LoginCTLTest.php X'. Below the tabs, the file content is displayed:

```
① SourceCode > tests > Unit > LoginCTLTest.php > LoginCTLTest > testLoginUserReturnsTrueForValidCredentials
1  <?php
2  use PHPUnit\Framework\TestCase;
3
4  include_once('Controller\LoginCTL.php');
5  class LoginCTLTest extends TestCase
6  {
7      public function testLoginUserReturnsTrueForValidCredentials()
8      {
9          // Arrange
10         $userAccount = new LoginCTL();
11         $username = 'mg1';
12         $password = '123';
13
14         // Act
15         $result = $userAccount->loginUser($username, $password);
16
17         // Assert
18         $this->assertTrue($result, 'Expected the result to be true');
19     }
20 }
21 }
```

Below the code editor, there is a navigation bar with tabs: PROBLEMS, OUTPUT, TERMINAL, and DEBUG CONSOLE. The TERMINAL tab is currently selected. The terminal output is as follows:

```
● PS C:\xampp\htdocs\SourceCode> vendor/bin/phpunit
PHPUnit 10.1.3 by Sebastian Bergmann and contributors.

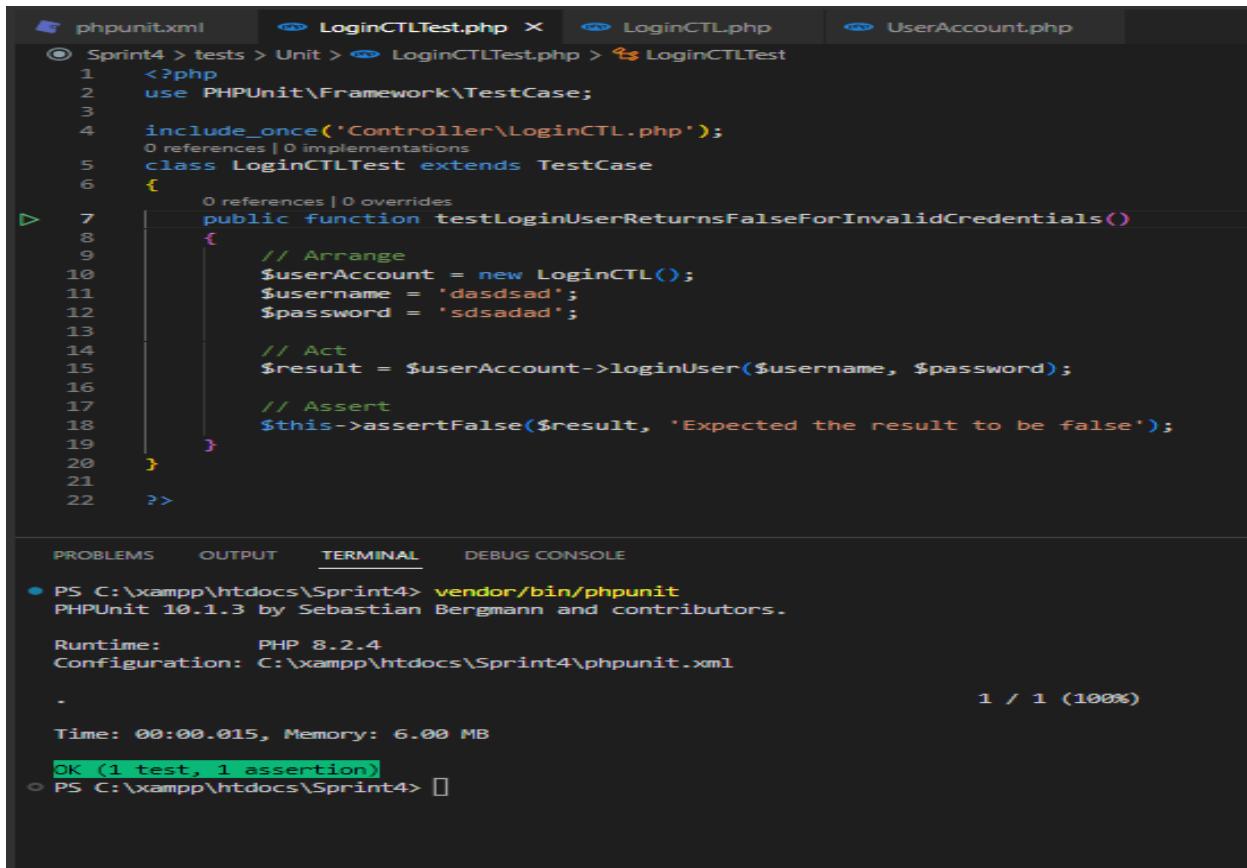
Runtime:      PHP 8.2.4
Configuration: C:\xampp\htdocs\SourceCode\phpunit.xml

.
1 / 1 (100%)

Time: 00:00.016, Memory: 6.00 MB

OK (1 test, 1 assertion)
● PS C:\xampp\htdocs\SourceCode> []
```

- Description: The following code is to test for cinema manager login. If the testing passed it means that the cinema manager has successfully logged in.
 - Expected result: We expect the function `loginUser($username, $password)` to return true. Hence, the terminal should show OK(1 test, 1 assertion).
 - Actual result: As shown in the picture above, the function `loginUser($username, $password)` returns true. Hence, the terminal shows OK(1 test, 1 assertion).



```
phpunit.xml  LoginCTLTest.php  LoginCTL.php  UserAccount.php
Sprint4 > tests > Unit > LoginCTLTest.php > LoginCTLTest
1  <?php
2  use PHPUnit\Framework\TestCase;
3
4  include_once('Controller/LoginCTL.php');
5  references | 0 implementations
6  class LoginCTLTest extends TestCase
7  {
8      0 references | 0 overrides
9      public function testLoginUserReturnsFalseForInvalidCredentials()
10     {
11         // Arrange
12         $userAccount = new LoginCTL();
13         $username = 'dasdsad';
14         $password = 'sdsadad';
15
16         // Act
17         $result = $userAccount->loginUser($username, $password);
18
19         // Assert
20         $this->assertFalse($result, 'Expected the result to be false');
21     }
22 ?>

PROBLEMS    OUTPUT    TERMINAL    DEBUG CONSOLE
PS C:\xampp\htdocs\Sprint4> vendor/bin/phpunit
PHPUnit 10.1.3 by Sebastian Bergmann and contributors.

Runtime:      PHP 8.2.4
Configuration: C:\xampp\htdocs\Sprint4\phpunit.xml
.
1 / 1 (100%)

Time: 00:00.015, Memory: 6.00 MB
OK (1 test, 1 assertion)
PS C:\xampp\htdocs\Sprint4> []
```

- Description: The following code is to test for cinema manager login . If the testing passed it means that the cinema manager has failed to log in as the username and password is invalid.
 - Expected result: We expect the function loginUser(\$username, \$password) to return false. Hence, the terminal should show OK(1 test, 1 assertion).
 - Actual result: As shown in the picture above, the function loginUser(\$username, \$password) returns false. Hence, the terminal shows OK(1 test, 1 assertion).

#640 Cinema Owner - Login

The screenshot shows a code editor interface with a dark theme. At the top, there are two tabs: 'phpunit.xml' and 'LoginCTLTest.php'. Below the tabs, the file content is displayed:

```
① SourceCode > tests > Unit > LoginCTLTest.php > testLoginUserReturnsTrueForValidCredentials
1  <?php
2  use PHPUnit\Framework\TestCase;
3
4  include_once('Controller\LoginCTL.php');
0 references | 0 implementations
5  class LoginCTLTest extends TestCase
6  {
0 references | 0 overrides
7      public function testLoginUserReturnsTrueForValidCredentials()
8      {
9          // Arrange
10         $userAccount = new LoginCTL();
11         $username = 'owner1';
12         $password = '123';
13
14         // Act
15         $result = $userAccount->loginUser($username, $password);
16
17         // Assert
18         $this->assertTrue($result, 'Expected the result to be true');
19     }
20
21 }
```

Below the code editor, there is a navigation bar with tabs: PROBLEMS, OUTPUT, TERMINAL, and DEBUG CONSOLE. The TERMINAL tab is currently selected. The terminal output shows the execution of the test:

```
● PS C:\xampp\htdocs\SourceCode> vendor/bin/phpunit
PHPUnit 10.1.3 by Sebastian Bergmann and contributors.

Runtime:      PHP 8.2.4
Configuration: C:\xampp\htdocs\SourceCode\phpunit.xml

.
1 / 1 (100%)

Time: 00:00.015, Memory: 6.00 MB

OK (1 test, 1 assertion)
● PS C:\xampp\htdocs\SourceCode> []
```

- Description: The following code is to test for cinema owner login. If the testing passed it means that the cinema owner has successfully logged in.
 - Expected result: We expect the function `loginUser($username, $password)` to return true. Hence, the terminal should show OK(1 test, 1 assertion).
 - Actual result: As shown in the picture above, the function `loginUser($username, $password)` returns true. Hence, the terminal shows OK(1 test, 1 assertion).

The screenshot shows a code editor interface with several tabs at the top: phpunit.xml, LoginCTLTest.php (active), LoginCTL.php, and UserAccount.php. Below the tabs is a code editor window displaying PHP code for a unit test. The code includes imports, a class definition, and a single test method. The terminal below the editor shows the execution of the test using the vendor/bin/phpunit command, displaying the PHPUnit version, runtime information, and the result: OK (1 test, 1 assertion). The terminal also shows the current working directory as C:\xampp\htdocs\Sprint4.

```
<?php
use PHPUnit\Framework\TestCase;
include_once('Controller/LoginCTL.php');
class LoginCTLTest extends TestCase
{
    public function testLoginUserReturnsFalseForInvalidCredentials()
    {
        // Arrange
        $userAccount = new LoginCTL();
        $username = 'dasdsad';
        $password = 'sdsadad';

        // Act
        $result = $userAccount->loginUser($username, $password);

        // Assert
        $this->assertFalse($result, 'Expected the result to be false');
    }
?>

PROBLEMS    OUTPUT    TERMINAL    DEBUG CONSOLE
● PS C:\xampp\htdocs\Sprint4> vendor/bin/phpunit
PHPUnit 10.1.3 by Sebastian Bergmann and contributors.

Runtime:      PHP 8.2.4
Configuration: C:\xampp\htdocs\Sprint4\phpunit.xml
.
Time: 00:00.015, Memory: 6.00 MB
OK (1 test, 1 assertion)
○ PS C:\xampp\htdocs\Sprint4> 
```

- Description: The following code is to test for cinema owner login . If the testing passed it means that the cinema owner has failed to log in as the username and password is invalid.
 - Expected result: We expect the function loginUser(\$username, \$password) to return false. Hence, the terminal should show OK(1 test, 1 assertion).
 - Actual result: As shown in the picture above, the function loginUser(\$username, \$password) returns false. Hence, the terminal shows OK(1 test, 1 assertion).

#641 User Admin - Login

The screenshot shows a code editor interface with a dark theme. At the top, there are tabs for 'phpunit.xml' and 'LoginCTLTest.php'. Below the tabs, the code for 'LoginCTLTest.php' is displayed. The code is a PHPUnit test for a 'LoginCTL' class. It includes an 'Arrange' section where it creates a new instance of 'LoginCTL' and sets the username and password to 'admin1' and '123' respectively. In the 'Act' section, it calls the 'loginUser' method on the \$userAccount object with the provided credentials. Finally, in the 'Assert' section, it uses the 'assertTrue' method to check if the result is true, with the expected message being 'Expected the result to be true'. The code editor also shows line numbers from 1 to 21.

```
<?php
use PHPUnit\Framework\TestCase;
include_once('Controller/LoginCTL.php');
class LoginCTLTest extends TestCase
{
    public function testLoginUserReturnsTrueForValidCredentials()
    {
        // Arrange
        $userAccount = new LoginCTL();
        $username = 'admin1';
        $password = '123';

        // Act
        $result = $userAccount->loginUser($username, $password);

        // Assert
        $this->assertTrue($result, 'Expected the result to be true');
    }
}
```

Below the code editor, there is a navigation bar with tabs: PROBLEMS, OUTPUT, TERMINAL, and DEBUG CONSOLE. The TERMINAL tab is selected. The terminal window displays the output of a PHPUnit run. It starts with the command 'PS C:\xampp\htdocs\SourceCode> vendor/bin/phpunit'. It then shows the configuration information: 'PHPUnit 10.1.3 by Sebastian Bergmann and contributors.', 'Runtime: PHP 8.2.4', and 'Configuration: C:\xampp\htdocs\SourceCode\phpunit.xml'. It then shows a single test case starting with a dot ('.') and ending with '1 / 1 (100%)'. The time taken is 'Time: 00:00.016, Memory: 6.00 MB'. Finally, it shows the result 'OK (1 test, 1 assertion)'.

```
PS C:\xampp\htdocs\SourceCode> vendor/bin/phpunit
PHPUnit 10.1.3 by Sebastian Bergmann and contributors.

Runtime:      PHP 8.2.4
Configuration: C:\xampp\htdocs\SourceCode\phpunit.xml

.

1 / 1 (100%)

Time: 00:00.016, Memory: 6.00 MB

OK (1 test, 1 assertion)
PS C:\xampp\htdocs\SourceCode> []
```

- Description: The following code is to test for User Admin login. If the testing passed it means that the User Admin has successfully logged in.
 - Expected result: We expect the function `loginUser($username, $password)` to return true. Hence, the terminal should show OK(1 test, 1 assertion).
 - Actual result: As shown in the picture above, the function `loginUser($username, $password)` returns true. Hence, the terminal shows OK(1 test, 1 assertion).

The screenshot shows a code editor interface with several tabs at the top: phpunit.xml, LoginCTLTest.php (active), LoginCTL.php, and UserAccount.php. Below the tabs is a code editor window displaying PHP test code:

```
1 <?php
2 use PHPUnit\Framework\TestCase;
3
4 include_once('Controller/LoginCTL.php');
5
6 class LoginCTLTest extends TestCase
7 {
8     public function testLoginUserReturnsFalseForInvalidCredentials()
9     {
10         // Arrange
11         $userAccount = new LoginCTL();
12         $username = 'dasdsad';
13         $password = 'sdsadad';
14
15         // Act
16         $result = $userAccount->loginUser($username, $password);
17
18         // Assert
19         $this->assertFalse($result, 'Expected the result to be false');
20     }
21
22 ?>
```

Below the code editor is a terminal window showing the execution of the PHPUnit test:

```
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
● PS C:\xampp\htdocs\Sprint4> vendor/bin/phpunit
PHPUnit 10.1.3 by Sebastian Bergmann and contributors.

Runtime:      PHP 8.2.4
Configuration: C:\xampp\htdocs\Sprint4\phpunit.xml
.
.
.
Time: 00:00.015, Memory: 6.00 MB
OK (1 test, 1 assertion)
○ PS C:\xampp\htdocs\Sprint4> []
```

- Description: The following code is to test for User Admin login . If the testing passed it means that the User Admin has failed to log in as the username and password is invalid.
 - Expected result: We expect the function `loginUser($username, $password)` to return false. Hence, the terminal should show OK(1 test, 1 assertion).
 - Actual result: As shown in the picture above, the function `loginUser($username, $password)` returns false. Hence, the terminal shows OK(1 test, 1 assertion).

Test Report

	A	B
1	Project Name :	Braindead
2	Test Cycle :	1
3	Tested by :	Tay song xian
4	Tested on :	
5		
6	Test CaseID	Pass/Fail
7	TC-92	Pass
8	TC-128	Pass
9	TC-146	Pass
10	TC-164	Pass
11	TC-490	Pass
12		
13		
14		
15	Total Tests Conducted :	5
16	Total Tests Pass	5
17	Total Test Fail	0
18		
19	Test Cycle	
20		

Meeting Minutes

Meeting Minutes: Sprint 1 - Planning			
Date: 12th April 2023	Attendees: Song Xian, Cheng Xun, Min Liang, Christon, John, Yong Qi, Whye Keat, Tian Sheng		
Time: 1200 - 1400			
Meeting Objective: Create user stories and divide work among members			
Agenda: <ol style="list-style-type: none">1. Sprint Planning2. Review of Project Specifications3. User Stories Discussion4. Allocation of backlogs			
Discussion summary: User stories for all the actors were discussed, compiled and emailed to Mr Terence for approval. We decided to use Taiga to follow scrum methodology and Gitlab to store the codes. Work was distributed to each member of the team. We have agreed for our sprint to be a 7-day sprint, starting on Wednesday and ends on the following Wednesday. In this first sprint, we agreed to do the logins for each actor, set up the database and draw the wireframes. We will be using the scripting language PHP for this project. Applications to be used are Taiga, Gitlab, and Xampp.			
Items	Action Items	Responsibility	Deadline
#1 Customer - Sign Up	Draw use case, use case description, BCE diagram, sequence diagram, wireframe Code frontend and backend Do testing for code	Song Xian	19th April 2023
Taiga	Create project on Taiga and invite the team members	John	14th April 2023
UML Class Diagram	Draw UML Class Diagram	Song Xian	19th April 2023

#2 Customer - Login	Draw use case, use case description, BCE diagram, sequence diagram, wireframe Code frontend and backend Do testing for code	Min Liang	19th April 2023
Gitlab	Create project on Gitlab and invite team members into the project	Min Liang	14th April 2023
#15 Cinema Manager - Login	Draw use case, use case description, BCE diagram, sequence diagram, wireframe Code frontend and backend Do testing for code	Yong Qi	19th April 2023
#47 User Admin - Login	Draw use case, use case description, BCE diagram, sequence diagram, wireframe Code frontend and backend Do testing for code	John	19th April 2023
#38 Cinema Owner - Login	Draw use case, use case description, BCE diagram, sequence diagram, wireframe Code frontend and backend Do testing for code	Cheng Xun	19th April 2023
Database	Create UML diagram for database Create SQL tables in database	Whye Keat, Tian Sheng	19th April 2023
Wireframe	Create wireframe diagrams for user stories #1, #2, #15, #47, #38	Christon	19th April 2023
Next Meeting: In the next meeting, we planned to discuss the code that we have pushed and			

committed to the main branch in Gitlab, and discuss any difficulty we encountered for the items assigned to us.

Meeting Minutes: Sprint 1 - Review	
Date: 19th April 2023	Attendees: Song Xian, Cheng Xun, ML, Christon, John, Yong Qi, Whye Keat, Tian Sheng
Time: 1200 - 1250	
Meeting Objective: Review of sprint	
Agenda: <ol style="list-style-type: none">1. Discussion of code and database2. Standardize of diagrams3. Difficulty encountered during sprint4. Declare which user story is done	
Discussion summary: We've tested the code and it was working well with the database. Logins for each actor are working as expected. Each BCE and sequence diagram from each user story were created using different applications, moving forward we agreed to use Visual Paradigm to standardize the diagrams. Some difficulties encountered during the sprint were namely the database and learning of PHP. For the database as we were not confirmed on what attributes are needed for each table. For learning PHP, as some of us had not learned it before, it took some time for each of us to efficiently use it. User stories #2, #1, #15, #38 and #47 are marked done.	

Sprint 2 [19th April to 26th April]

Test Plan

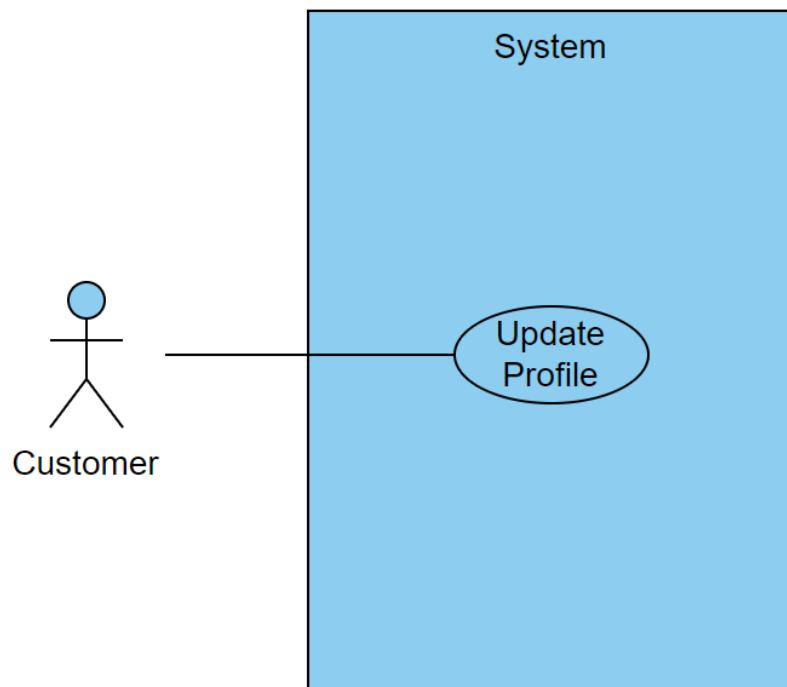
Master Test Plan for Sprint 2 [19 APR - 26 APR]	
Personnel Conducting Test:	Chong Min Liang
Test Schedule:	23 APR 2023 to 25 APR 2023
Test Environment used:	Local Physical Device with access to browsers such as Google Chrome / FireFox
Testing Technique:	<p><u>Unit Testing:</u></p> <p>- To validate individual components / function</p> <p><u>Integrate Testing:</u></p> <p>- Verifies interaction between component, ensure integrated program is in working order.</p>
Components tested in current sprint:	<p><u>Testing type:</u> Functionality</p> <p><u>Tested Components:</u></p> <p><u>1. Customer - Update Profile</u></p> <p><u>2. Customer - View Profile</u></p> <p><u>3. Customer - View Movie Session</u></p> <p><u>4. Customer - Purchase Ticket</u></p> <p><u>5. Customer - Logout</u></p> <p><u>6. Cinema Manager-Update Profile</u></p> <p><u>7. Cinema Manager-Create Movie Sessions</u></p> <p><u>8. Cinema Manager-Update Movie Sessions</u></p> <p><u>9. Cinema Manager-Search Movie Sessions</u></p> <p><u>10. Cinema Manager-Create Food and Drink Items</u></p> <p><u>11. Cinema Manager-View Food and Drink Details</u></p> <p><u>12. Cinema Manager-Search Food and Drink Details</u></p> <p><u>13. Cinema Manager-Logout</u></p> <p><u>14. Cinema Owner-Generate Daily Revenue Report</u></p> <p><u>15. Cinema Owner-Generate Daily Cinema Utilization Report</u></p> <p><u>16. Cinema Owner-Logout</u></p> <p><u>17. User Admin-Create User Account</u></p> <p><u>18. User Admin-View User Account</u></p> <p><u>19. User Admin-Update User Account</u></p> <p><u>20. User Admin-Suspend User Accounts</u></p> <p><u>21. User Admin-Search User Account</u></p> <p><u>22. User Admin-Create User Profiles</u></p> <p><u>23. User Admin-View User Profiles</u></p> <p><u>24. User Admin-Suspend User Profile</u></p> <p><u>25. User Admin-Update User Profile</u></p> <p><u>26. User Admin-Search User Profile</u></p> <p><u>27. User Admin-Logout</u></p>

Customer - Update Profile

#3 User Story

As a Customer, I want to be able to update my profile so that I can edit my details.

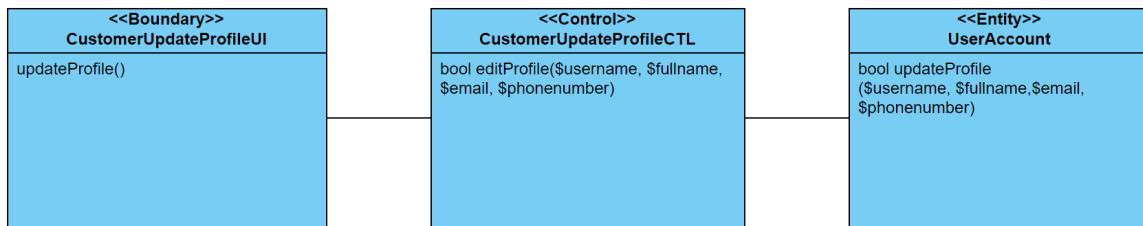
#494 Use Case Diagram



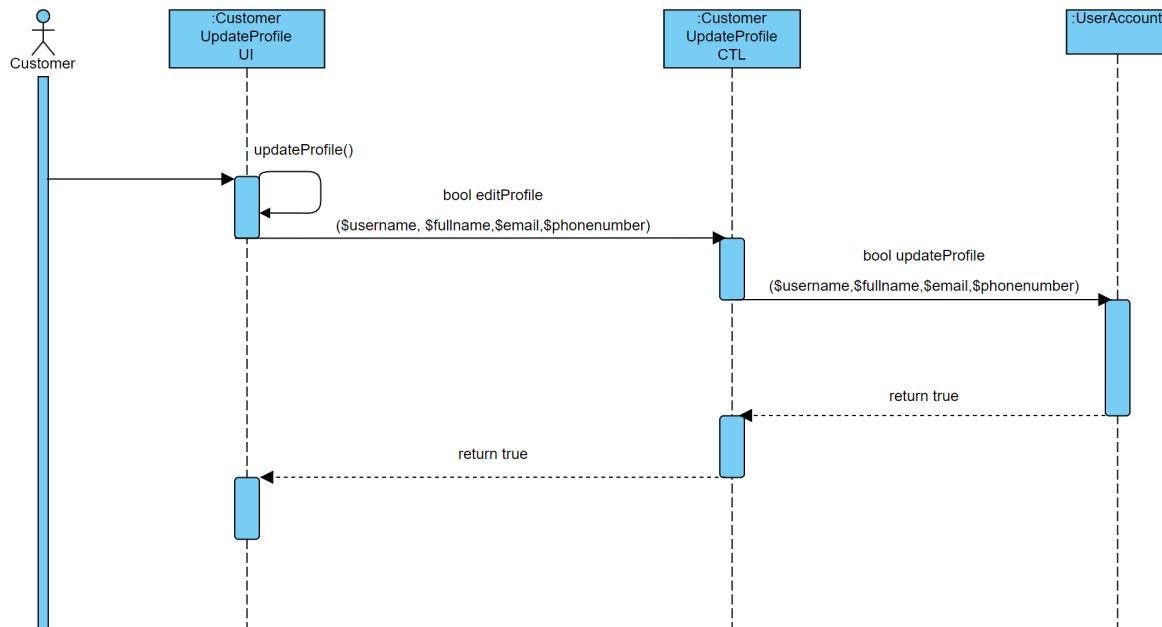
#308 Use Case Description

Name : Customer - Update Profile	ID: #308
Stakeholders and goals : Customer - Wants to Update Profile	
Description : Customer - Wants to Update Profile details	
Actors : Customer	
Pre-Condition: Customer is on Customer View Profile page	
Trigger : Customer clicks on Update Profile link	
Normal flow: <ol style="list-style-type: none">1. The System displays the Customer Update Profile page2. The Customer chooses to edit full name, email or phone number then clicks on Update button3. The System updates the corresponding profile in the database4. End.	
Sub-flows : None	
Alternative/Exceptional flows: None	

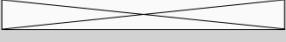
#307 BCE Class Diagram



#311 BCE Sequence Diagram



Customer View Profile UI Page



Profile Movie Session Summary Of Purchase Log Out

Username: customerusername
Full Name: customerfullname
Email: email@email.com
Phone Number: 81234567
[Update Profile](#)

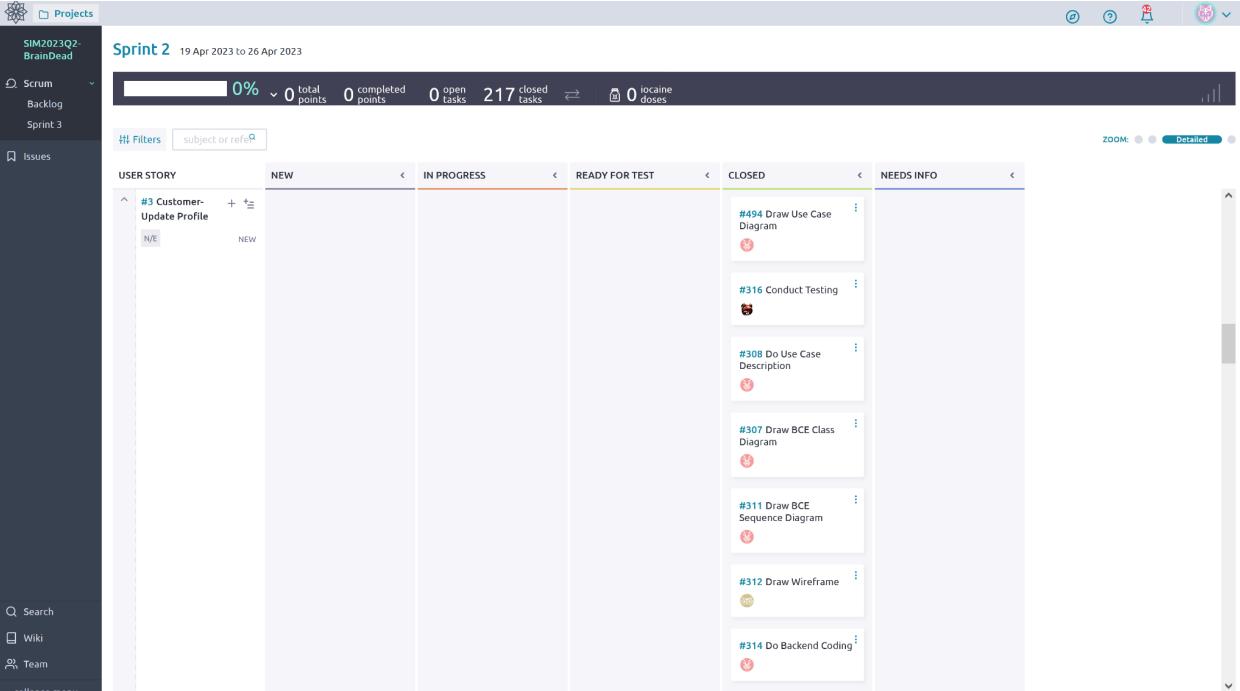
#312 Wireframe

The wireframe shows a user interface for updating a customer profile. At the top, there's a header bar with a logo consisting of two overlapping rectangles, a navigation menu with links for 'Profile', 'Movie Session', 'Summary Of Purchase', and a 'Log Out' button. Below the header is a large white area for the form. In this area, there are three input fields: 'Full Name' containing 'customerusername', 'Email' containing 'email@email.com', and 'Phone Number' containing '81234567'. Below these fields is a single 'Update' button.

#316 Conduct Testing

Project Name :	BrainDead			
Test CaseID :	TC-316			
Test Case Description :	Customer-Update Profile			
Pre-Condition :	User is on CustomerViewProfile UI page			
Test Data File :	userAccount_sql.txt			
Test Step	Test Step Description	Test Data	Expected Results	Actual Result
TC-316-1	Select "Update Profile" to update own profile information	-	An interface to allow updating of personal profile information is displayed.	Forn for updating profile information is displayed on screen. Original information are pre-filled.
TC-316-2	Enter new informations and submits form.	Full Name: "newname" Email: "newemail@gmail.com" Phone Number: "87654321"	New information is shown after profile update.	Redirected user back to view updated personal profile information

Taiga



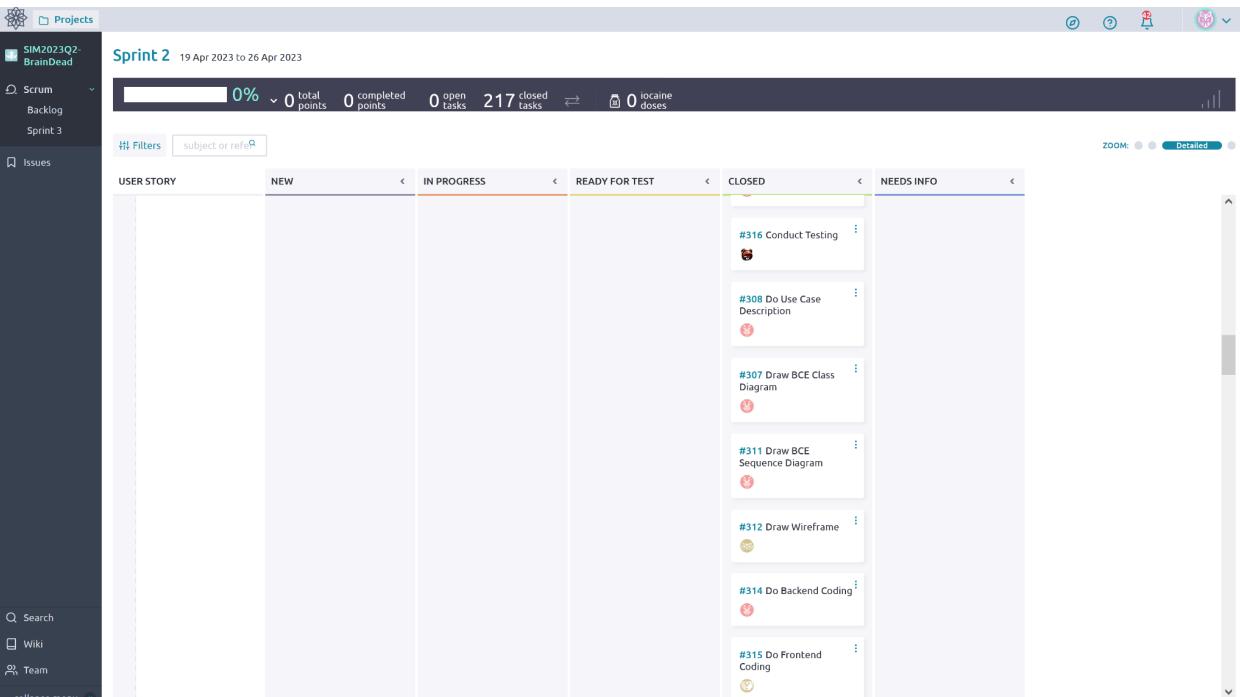
Sprint 2 19 Apr 2023 to 26 Apr 2023

0% 0 total points 0 completed points 0 open tasks 217 closed tasks 0 cocaine doses

ZOOM: Detailed

USER STORY	NEW	IN PROGRESS	READY FOR TEST	CLOSED	NEEDS INFO
#3 Customer-Update Profile	N/E	NEW			#494 Draw Use Case Diagram #316 Conduct Testing #308 Do Use Case Description #307 Draw BCE Class Diagram #311 Draw BCE Sequence Diagram #312 Draw Wireframe #314 Do Backend Coding

search Wiki Team collapse menu



Sprint 2 19 Apr 2023 to 26 Apr 2023

0% 0 total points 0 completed points 0 open tasks 217 closed tasks 0 cocaine doses

ZOOM: Detailed

USER STORY	NEW	IN PROGRESS	READY FOR TEST	CLOSED	NEEDS INFO
					#316 Conduct Testing #308 Do Use Case Description #307 Draw BCE Class Diagram #311 Draw BCE Sequence Diagram #312 Draw Wireframe #314 Do Backend Coding #315 Do Frontend Coding

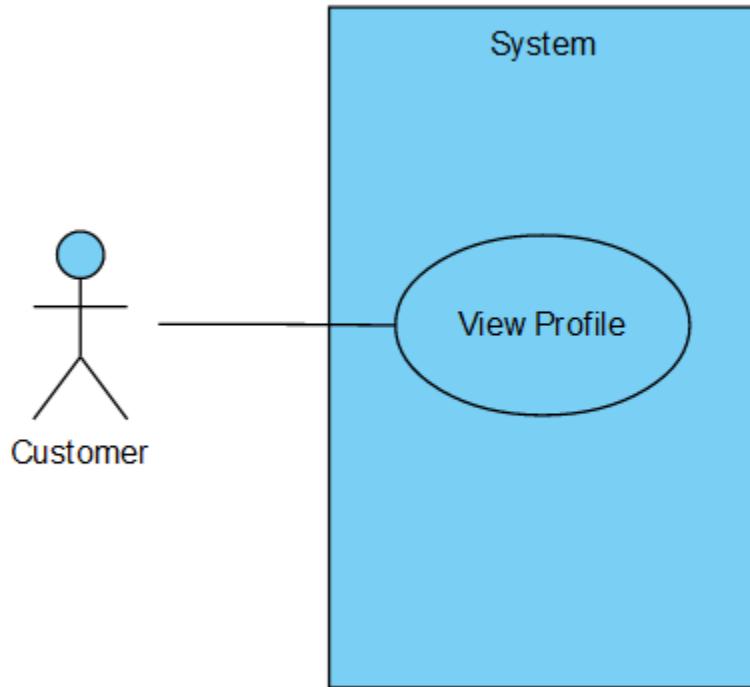
search Wiki Team collapse menu

Customer - View Profile

#4 User Story

As a Customer, I want to be able to view my profile so that I can check my personal details.

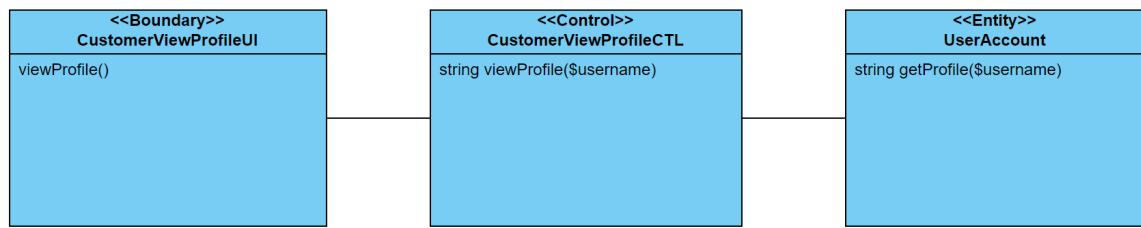
#187 Use Case Diagram



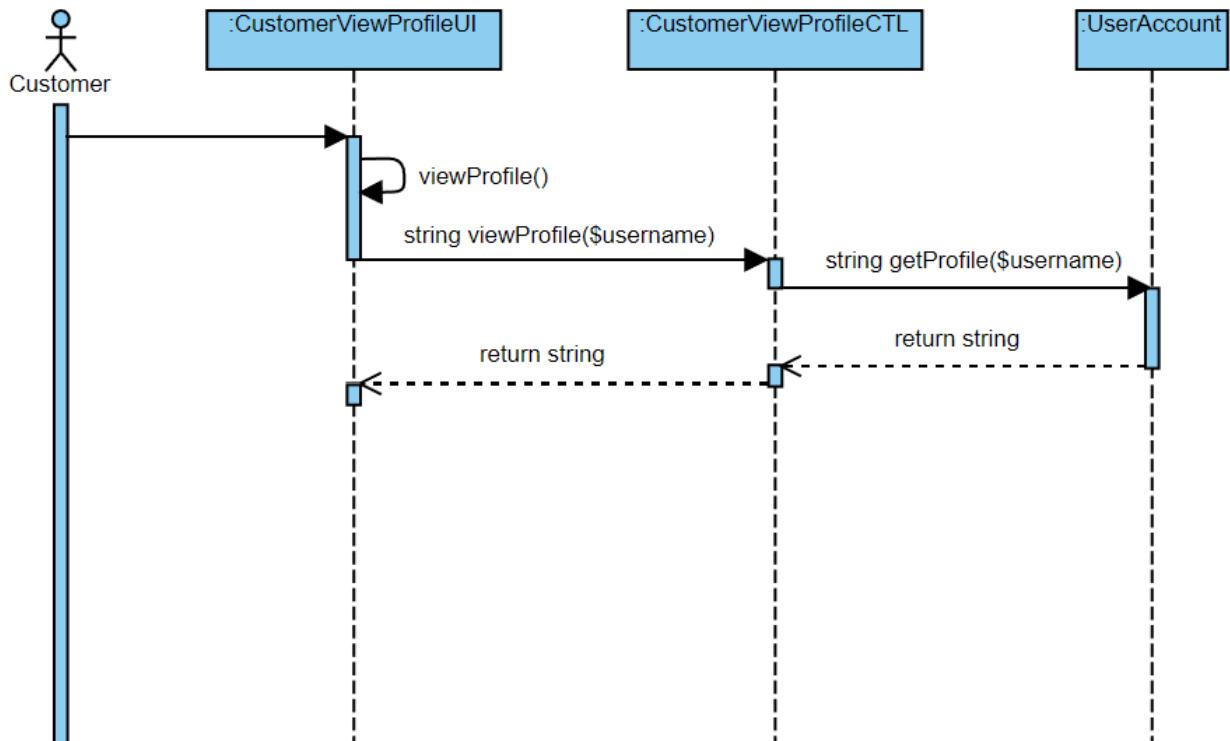
#188 Use Case Description

Name : Customer - View Profile	ID: #188
Stakeholders and goals : Customer - Wants to be able to view their profile	
Description : Customer wants to view their profile to see their personal details	
Actors : Customer	
Precondition : Customer is logged in	
Trigger : Customer clicks on Profile tab	
Normal flow: <ol style="list-style-type: none">1. The System retrieves the Customer account details and displays it.2. End	
Sub-flows : None	
Alternative/Exceptional flows: None	

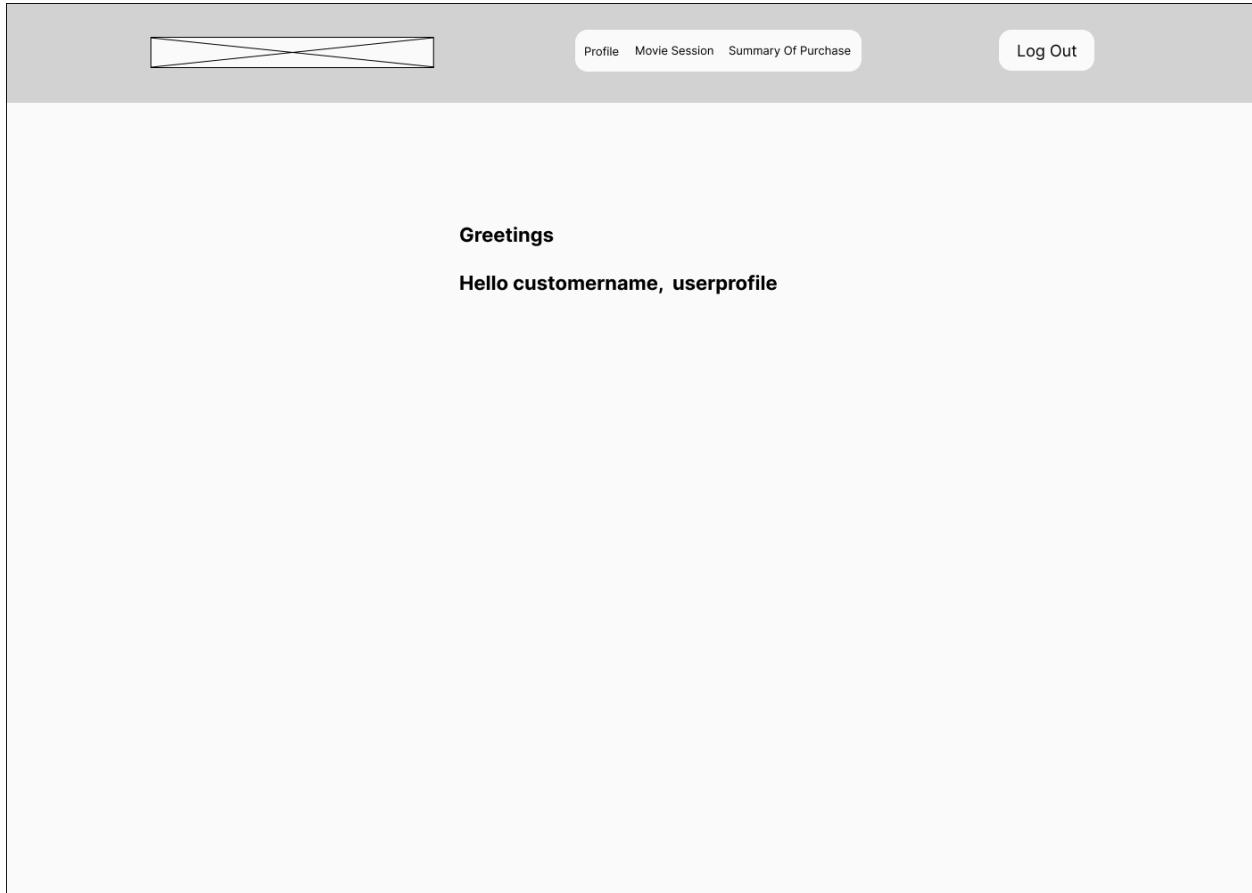
#189 BCE Class Diagram



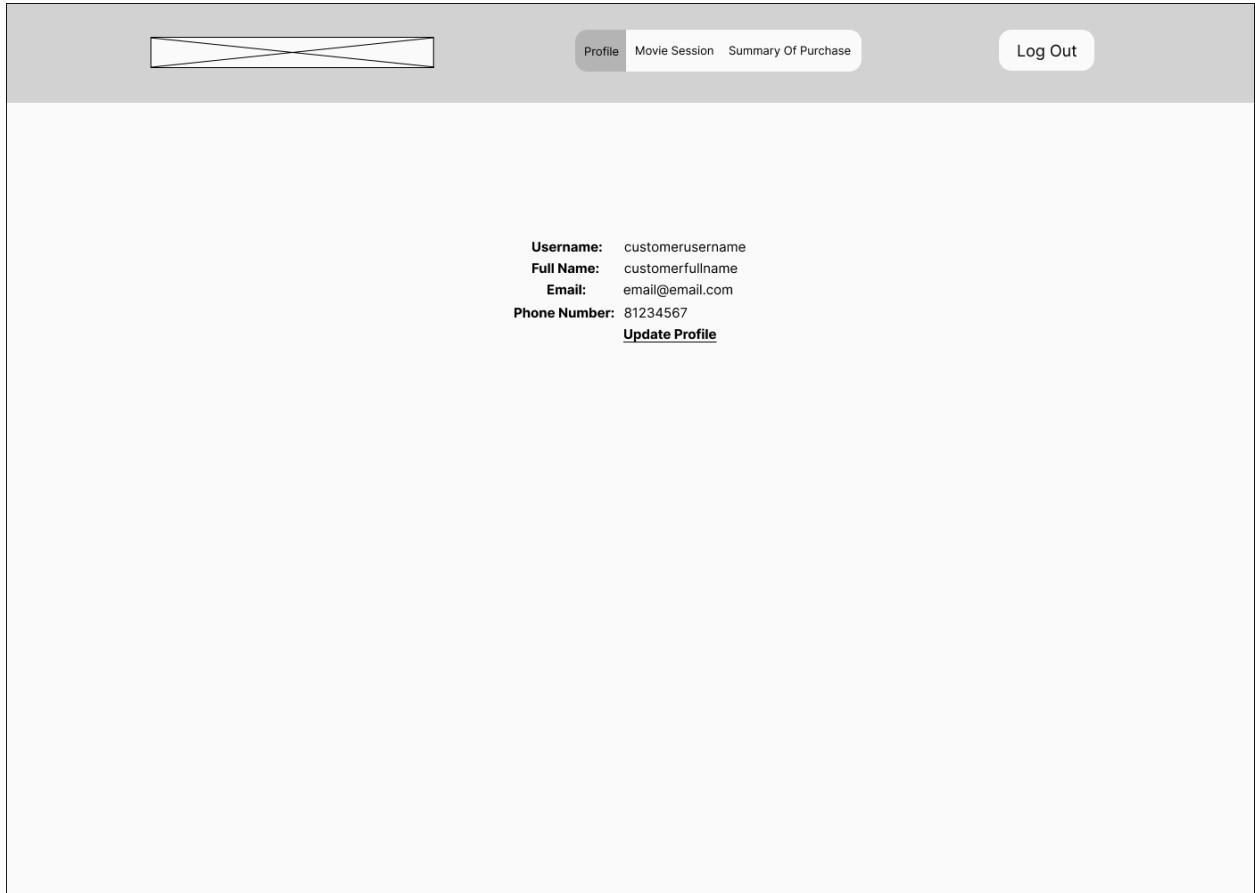
#190 BCE Sequence Diagram



Customer Logon Page UI



#492 Wireframe



#493 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-493				
Test Case Description :	Customer - View Profile				
Pre-Condition :	User is logged in				
Test Data File :	userAccount_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-493-1	Select "Profile" tab to view own profile information	-	Profile information is displayed on the screen.	Profile information is displayed on the screen.	Pass

Taiga

Sprint 2 19 Apr 2023 to 26 Apr 2023

Scrum

Backlog

Issues

Search

wiki

Team

collapse menu

0% 0 total points 0 completed points 0 open tasks 217 closed tasks 0 cocaine doses

Filters subject or reference

ZOOM: Default

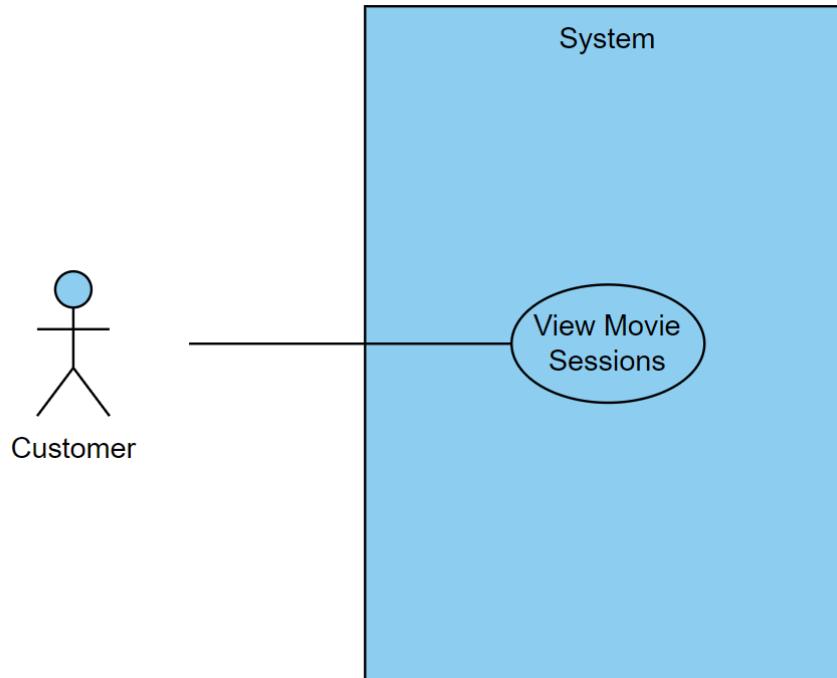
USER STORY	NEW	IN PROGRESS	READY FOR TEST	CLOSED	NEEDS INFO
#4 Customer-View Profile N/E	NEW			#187 Draw Use Case Diagram #493 Conduct Testing #188 Do Use Case Description #189 Draw BCE Diagram #190 Draw BCE Sequence Diagram #191 Do Backend Coding #491 Do Frontend Coding #492 Draw Wireframe	

Customer - View Movie Sessions

#5 User Story

As a Customer, I want to view movie sessions details so that I can choose my preference.

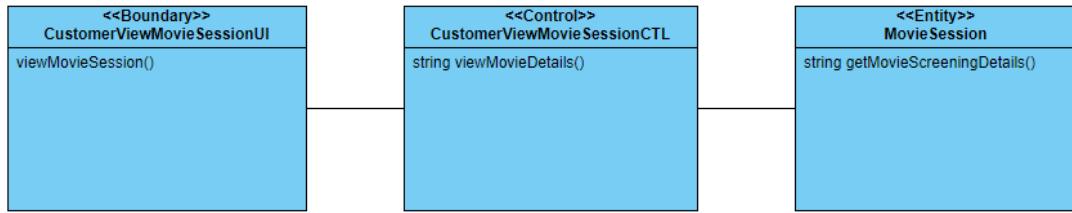
#320 Use Case Diagram



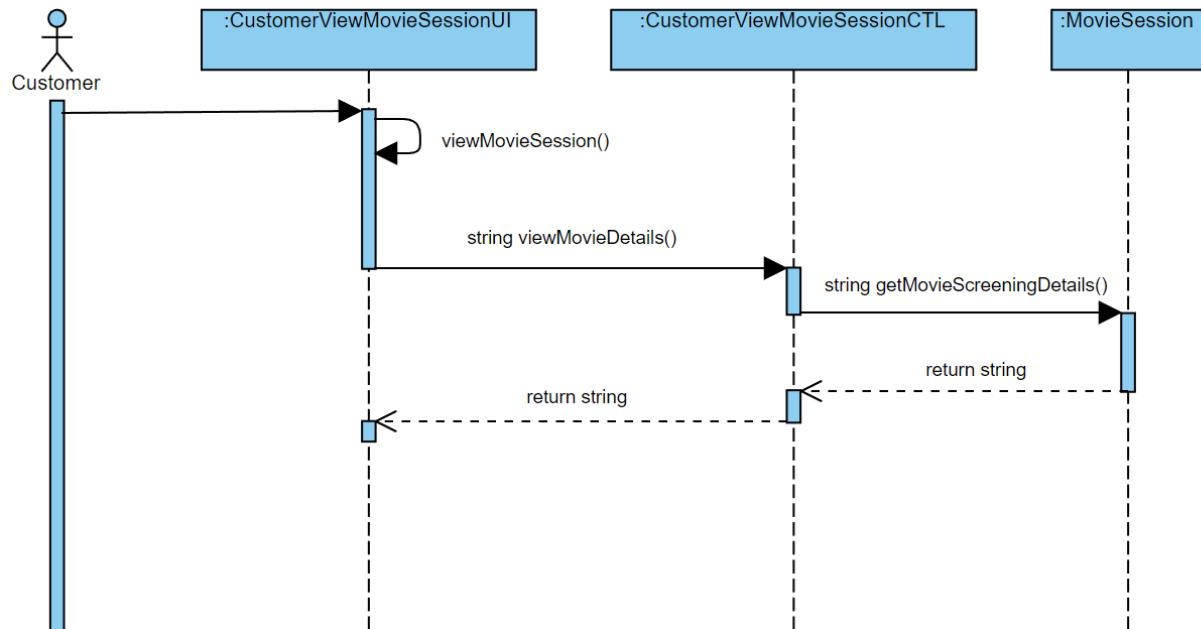
#298 Use Case Description

Name : Customer - View Movie Sessions	ID : #298
Stakeholders and goals : Customer - Wants to View Movie Sessions	
Description : Customer wants to view current movie sessions in order to purchase a ticket	
Actors : Customer	
Precondition: Customer is logged in	
Trigger : Customer clicks on Movie Sessions tab	
Normal flow: <ol style="list-style-type: none">1. The System retrieves Movie Sessions from the database and displays it to the Customer2. End.	
Sub-flows : None	
Alternative/Exceptional flows : None	

#300 BCE Class Diagram



#301 BCE Sequence Diagram



#302 Wireframe



Profile	Movie Session	Summary Of Purchase			
Log Out					
Now Showing					
Movie Name	Screening Date Time	Description	Duration	Hall No	
A Movie Title	2023-3-17 10:10:00		90	1	Buy Ticket
A Movie Title	2023-3-17 10:10:00		90	1	Buy Ticket
A Movie Title	2023-3-17 10:10:00		90	1	Buy Ticket
A Movie Title	2023-3-17 10:10:00		90	1	Buy Ticket
A Movie Title	2023-3-17 10:10:00		90	1	Buy Ticket
A Movie Title	2023-3-17 10:10:00		90	1	Buy Ticket
A Movie Title	2023-3-17 10:10:00		90	1	Buy Ticket
A Movie Title	2023-3-17 10:10:00		90	1	Buy Ticket
A Movie Title	2023-3-17 10:10:00		90	1	Buy Ticket
A Movie Title	2023-3-17 10:10:00		90	1	Buy Ticket
A Movie Title	2023-3-17 10:10:00		90	1	Buy Ticket
A Movie Title	2023-3-17 10:10:00		90	1	Buy Ticket
<u>Pre-Purchase Food And Drinks</u>					

#306 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-306				
Test Case Description :	Customer - View Movie Screening Details				
Pre-Condition :	User is logged in				
Test Data File :	moviesession_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-306-1	Select "Movie Sessions" tab to view all available movie sessions	-	All available movie sessions are displayed	A table consisting of existing movie session is displayed	Pass

Taiga

The screenshot shows a Taiga Scrum board for the 'SIM2023Q2-BrainDead' project. The board is set up for 'Sprint 2' from April 19 to April 26, 2023. The columns represent the workflow stages: NEW, IN PROGRESS, READY FOR TEST, CLOSED, and NEEDS INFO.

NEW Column: Contains one user story: '#5 Customer View Movie Sessions' (status: NEW).

IN PROGRESS Column: Contains 217 tasks.

READY FOR TEST Column: Contains 0 tasks.

CLOSED Column: Contains 0 tasks.

NEEDS INFO Column: Contains 8 tasks:

- #320 Draw Use Case Diagram
- #304 Do Backend Coding
- #298 Do Use Case Description
- #306 Conduct Testing
- #300 Draw BCE Class Diagram
- #301 Draw BCE Sequence Diagram
- #302 Draw Wireframe
- #305 Do Frontend Coding

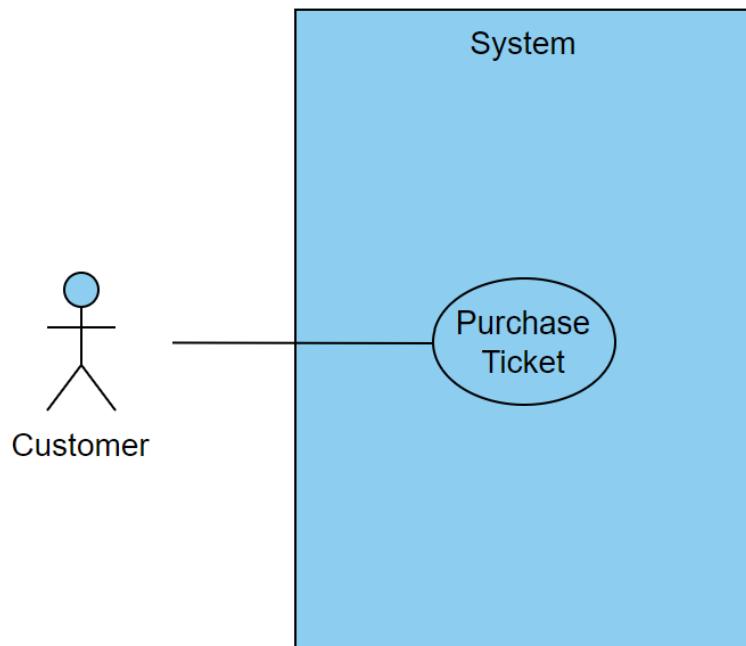
The sidebar on the left includes links for Projects, Scrum, Backlog, Issues, Search, Wiki, and Team. The bottom left corner shows a 'collapse menu' button.

Customer - Purchase Ticket

#6 User Story

As a Customer, I want to purchase a ticket so that I can confirm my booking.

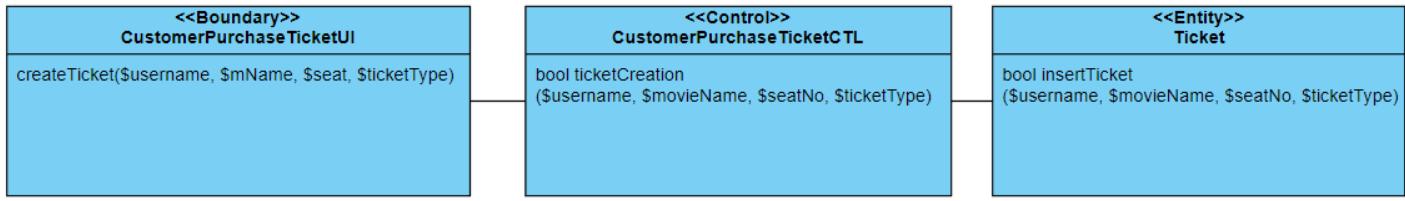
#289 Use Case Diagram



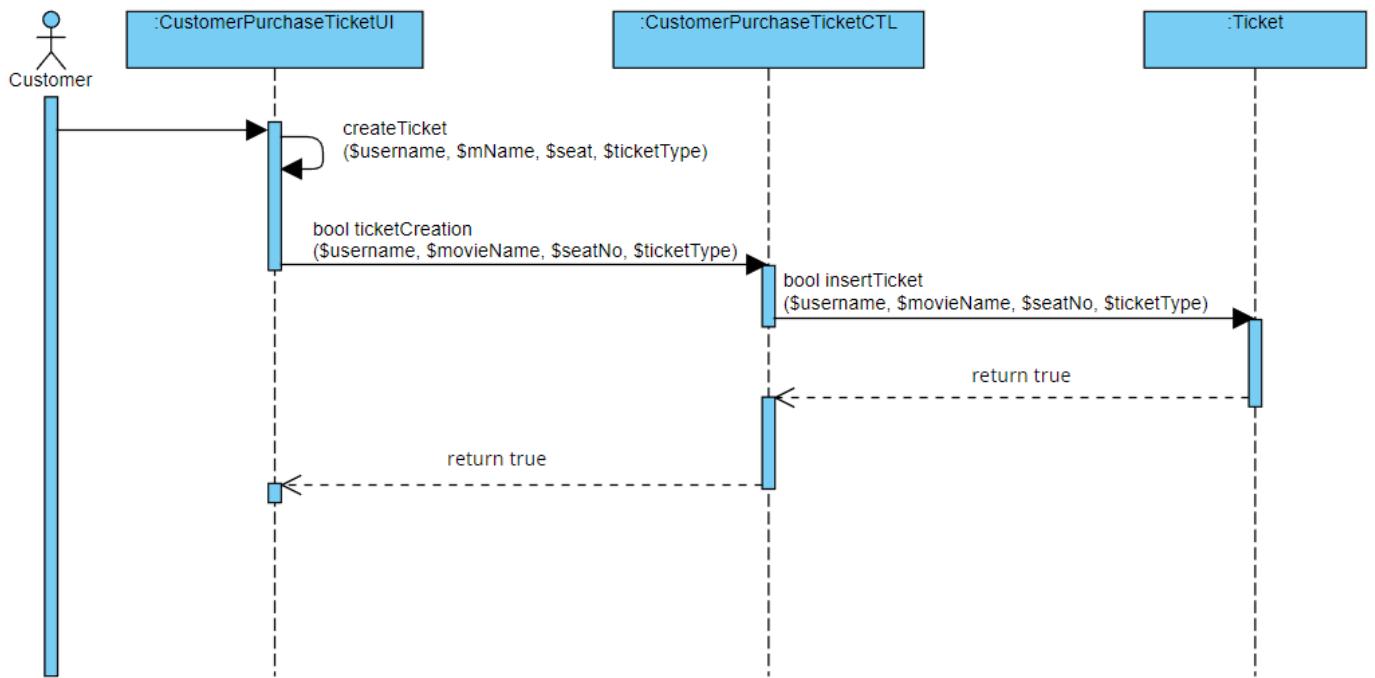
#317 Use Case Description

Name : Customer - Purchase Ticket	ID: #317
Stakeholders and goals : Customer - Want to purchase a ticket for movie	
Description : Customer wants to purchase a ticket that he/she is interested in	
Actors : Customer	
Precondition: Customer is on Customer View Movie Session UI page	
Trigger : Customer clicks on Buy Ticket button for the movie they want to purchase	
Normal flow: <ol style="list-style-type: none">1. The System displays the Customer Purchase Ticket page2. The Customer selects their preferred seat, ticket type and clicks on Confirm Ticket Purchase button3. The System creates the ticket that the customer purchase4. End	
Sub-flows : None	
Alternative/Exceptional flows: None	

#290 BCE Class Diagram

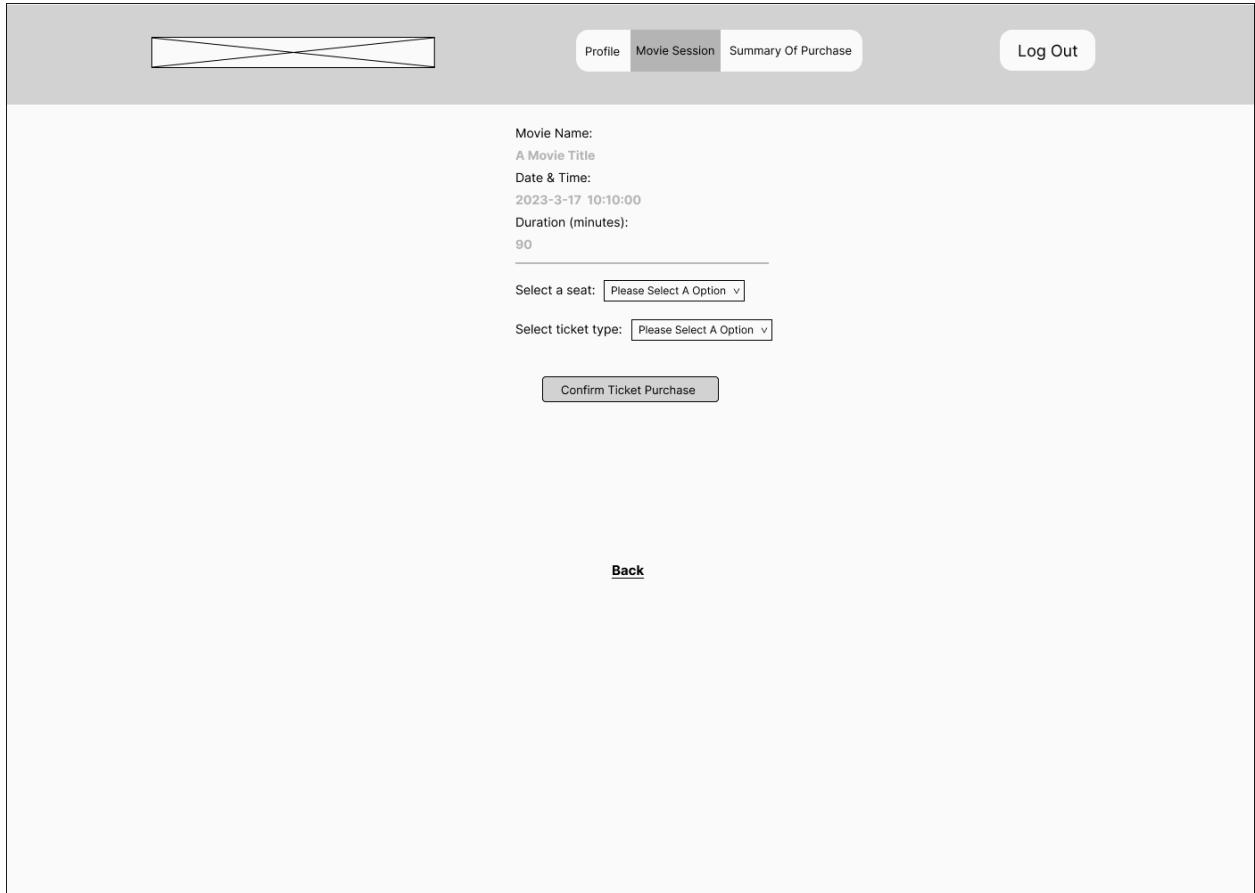


#318 BCE Sequence Diagram



Customer View Movie Session UI Page

#292 Wireframe



A wireframe diagram of a movie ticket purchase interface. The interface is contained within a rectangular frame.

The top header bar is grey and contains:

- A logo placeholder icon consisting of two overlapping triangles.
- Navigation links: Profile, Movie Session (which is highlighted in dark grey), and Summary Of Purchase.
- A Log Out button.

The main content area has a white background and displays the following information:

Movie Name:
A Movie Title

Date & Time:
2023-3-17 10:10:00

Duration (minutes):
90

Select a seat:

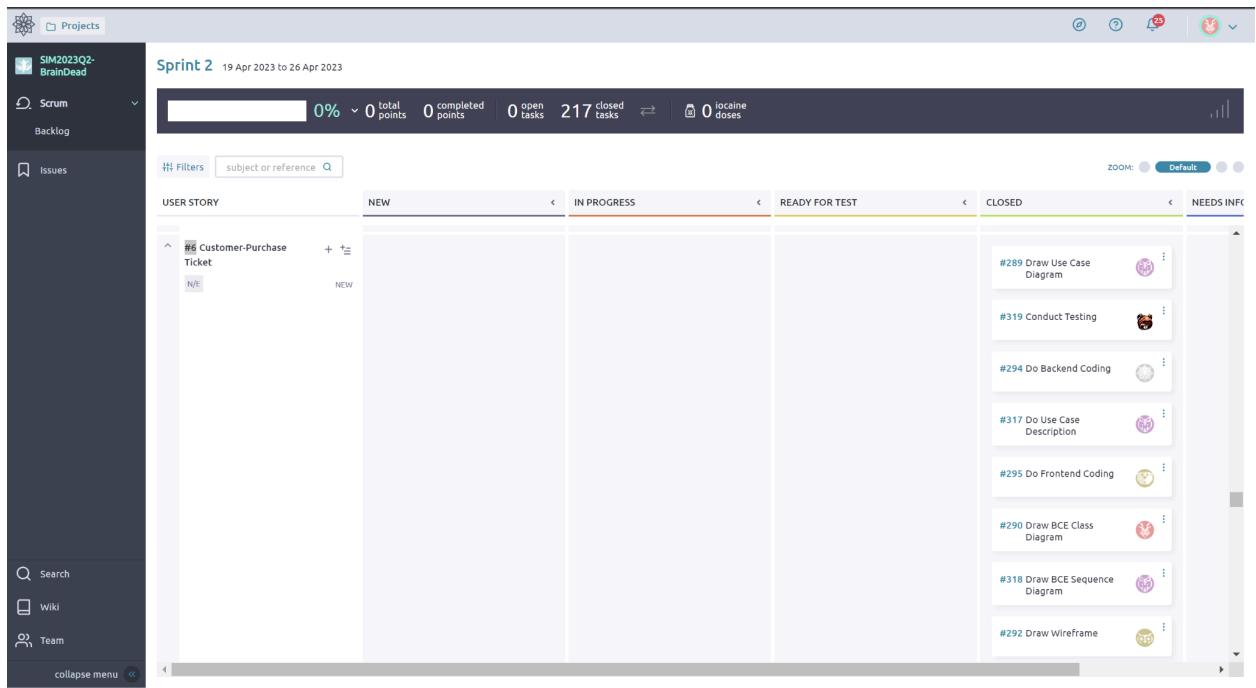
Select ticket type:

In the bottom right corner of the content area, there is a link labeled Back.

#319 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-319				
Test Case Description :	Customer - Purchase Ticket				
Pre-Condition :	User is on CustomerViewMovieSession UI page				
Test Data File :	-				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-319-1	Select "Buy Ticket" to purchase a ticket for a specific movie	movie selected = "A Pulp Fiction"	An interface to purchase ticket is displayed	A form is displayed on screen for user to select desired seating and ticket type	Pass
TC-319-2	Complete ticket purchase by entering seat number and ticket type, and submit form.	Select a seat = "A1" Ticket Type = "Adult"	Message displayed on screen showing that ticket purchase is successful.	"Ticket purchase sucessful" is displayed	Pass

Taiga



Sprint 2 19 Apr 2023 to 26 Apr 2023

Scrum Backlog

Issues

User Story

NEW IN PROGRESS READY FOR TEST CLOSED NEEDS INFO

#6 Customer Purchase Ticket NEW

#289 Draw Use Case Diagram
#319 Conduct Testing
#294 Do Backend Coding
#317 Do Use Case Description
#295 Do Frontend Coding
#290 Draw BCE Class Diagram
#318 Draw BCE Sequence Diagram
#292 Draw Wireframe

Search wiki Team

collapse menu

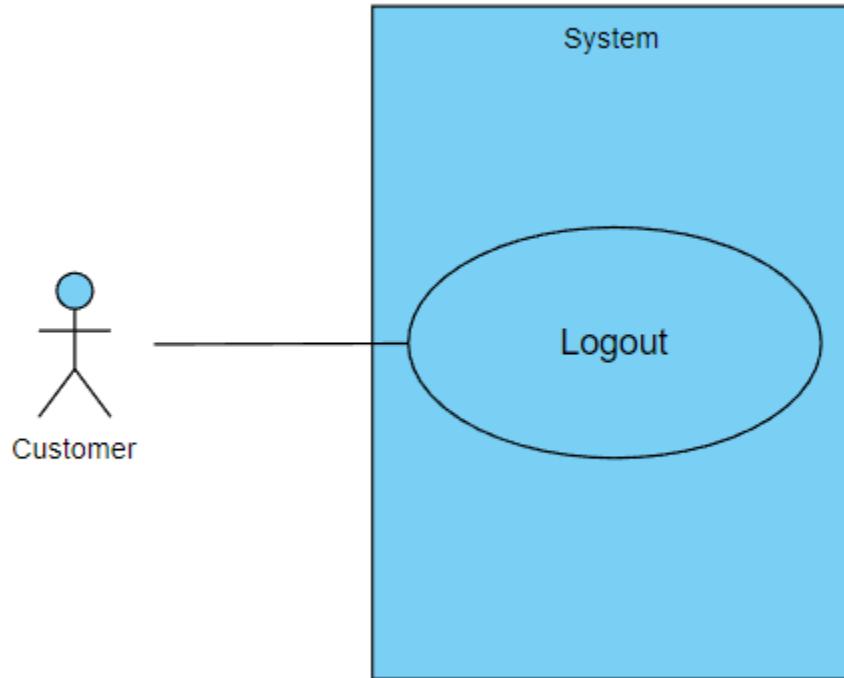
This screenshot shows the Taiga project management interface for the 'SIM2023Q2-BrainDead' project. The main view is the 'Scrum Backlog' under 'Sprint 2'. A single user story, '#6 Customer Purchase Ticket', is listed in the 'NEW' column. To the right, a detailed list of tasks is shown for this story, each with a small profile icon and a three-dot menu button. The tasks include drawing use case diagrams, conducting testing, doing backend coding, doing use case descriptions, doing frontend coding, drawing BCE class diagrams, drawing BCE sequence diagrams, and drawing wireframes. The sidebar on the left includes links for 'Search', 'wiki', and 'Team', along with a 'collapse menu' option.

Customer - Logout

#14 User Story

As a Customer, I want to log out so that I can end my session.

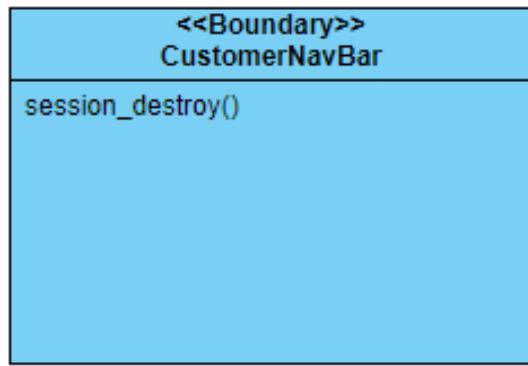
#166 Use Case Diagram



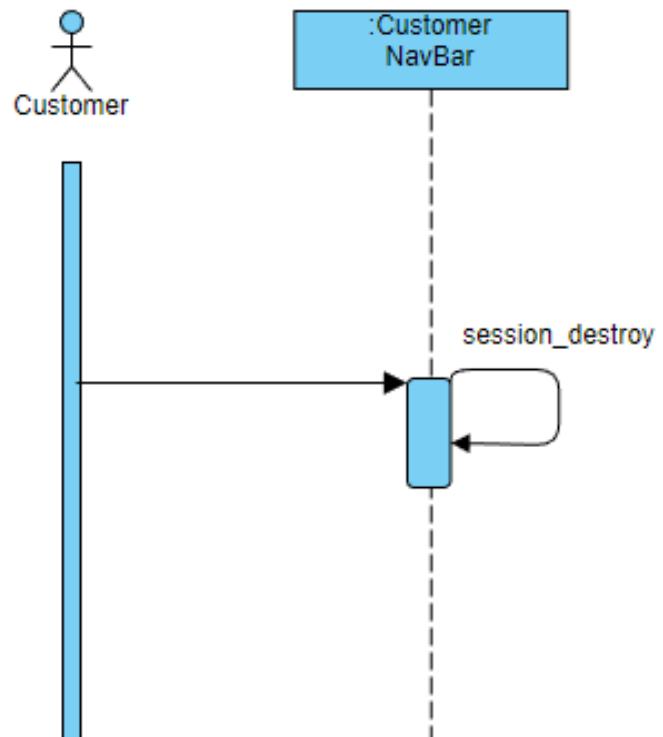
#176 Use Case Description

Name : Customer - Logout	ID: #176
Stakeholders and goals : Customer - Wants to logout	
Description : Customer wants to logout of the system	
Actors : Customer	
Precondition: Customer is logged in	
Trigger : Customer clicks on the Logout button on the Customer Nav Bar	
Normal flow: <ol style="list-style-type: none">1. The System logs the Customer out.2. End	
Sub-flows : None	
Alternative/Exceptional flows: None	

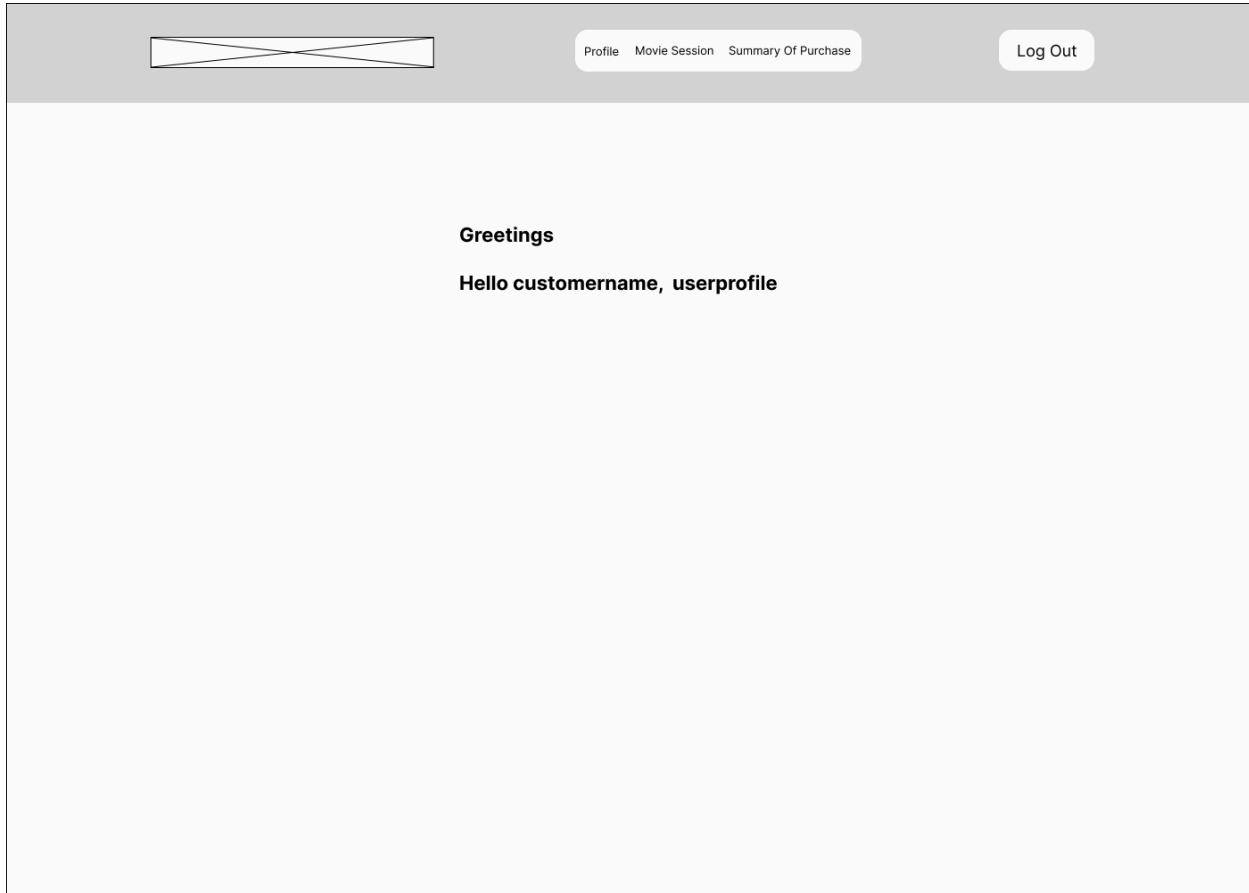
#167 BCE Class Diagram



#169 BCE Sequence Diagram



Customer Logon Page UI



#170 Wireframe

Welcome to Braindead Movies !

Username:

Password:

New? Sign up here → [Sign Up](#)

#173 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-173				
Test Case Description :	Customer - Logout				
Pre-Condition :	User is logged in				
Test Data File :	-				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-173-1	Click on Log Out button	-	User is logged out and redirected back to Log In page	User is logged out and redirected back to Log In page	Pass

Taiga

The screenshot shows a Taiga Scrum board for the 'SIM2023Q2-BrainDead' project. The current sprint is 'Sprint 2' (19 Apr 2023 to 26 Apr 2023). The board has five columns: NEW, IN PROGRESS, READY FOR TEST, CLOSED, and NEEDS INFO. The NEW column contains one user story: '#14 Customer-Logout' (status: NEW). The IN PROGRESS column is empty. The READY FOR TEST column is empty. The CLOSED column contains 217 tasks. The NEEDS INFO column contains 17 tasks. A sidebar on the left includes links for Search, Wiki, Team, and collapse menu.

USER STORY	NEW	IN PROGRESS	READY FOR TEST	CLOSED	NEEDS INFO
#14 Customer-Logout N/E	NEW			217 tasks	17 tasks

ZOOM: Default

Filters subject or reference

Search

Wiki

Team

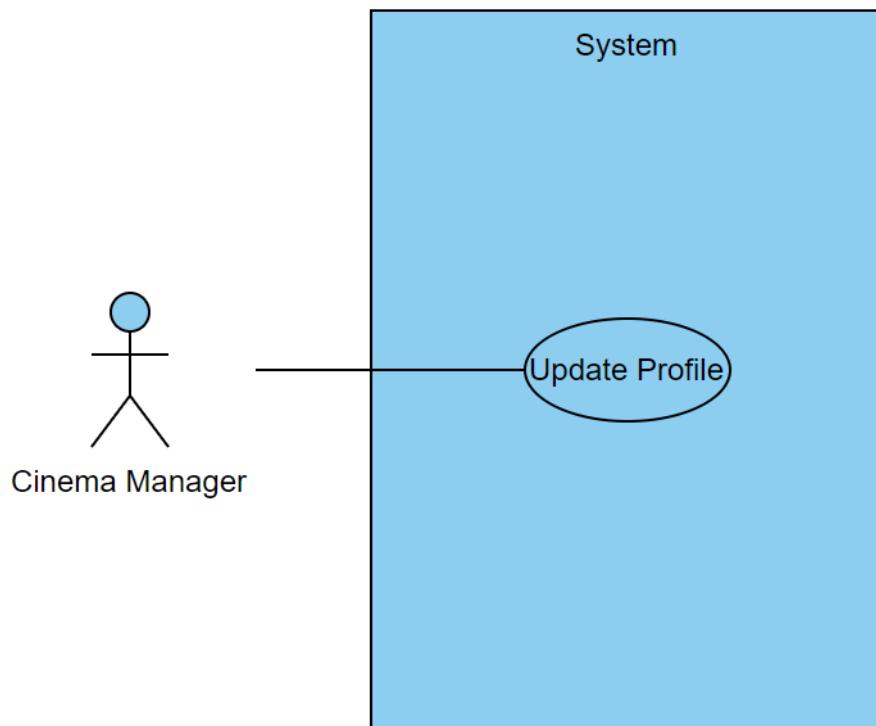
collapse menu

Cinema Manager - Update Profile

#16 User Story

As a Cinema Manager, I want to be able to update my profile so that I can edit my account details.

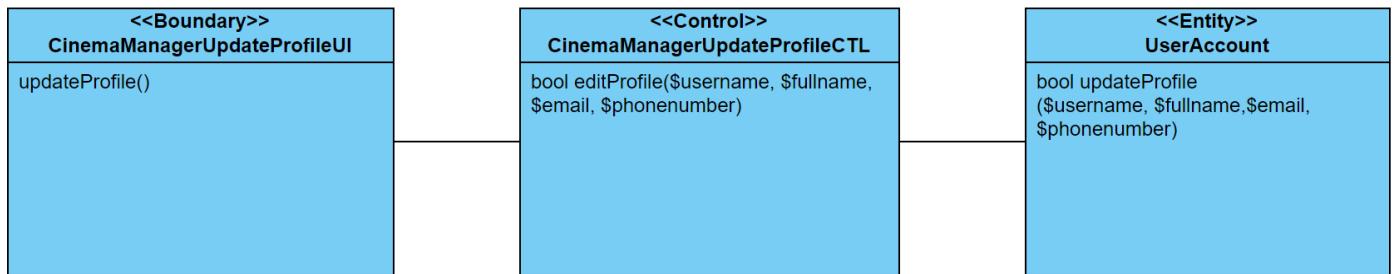
#255 Use Case Diagram



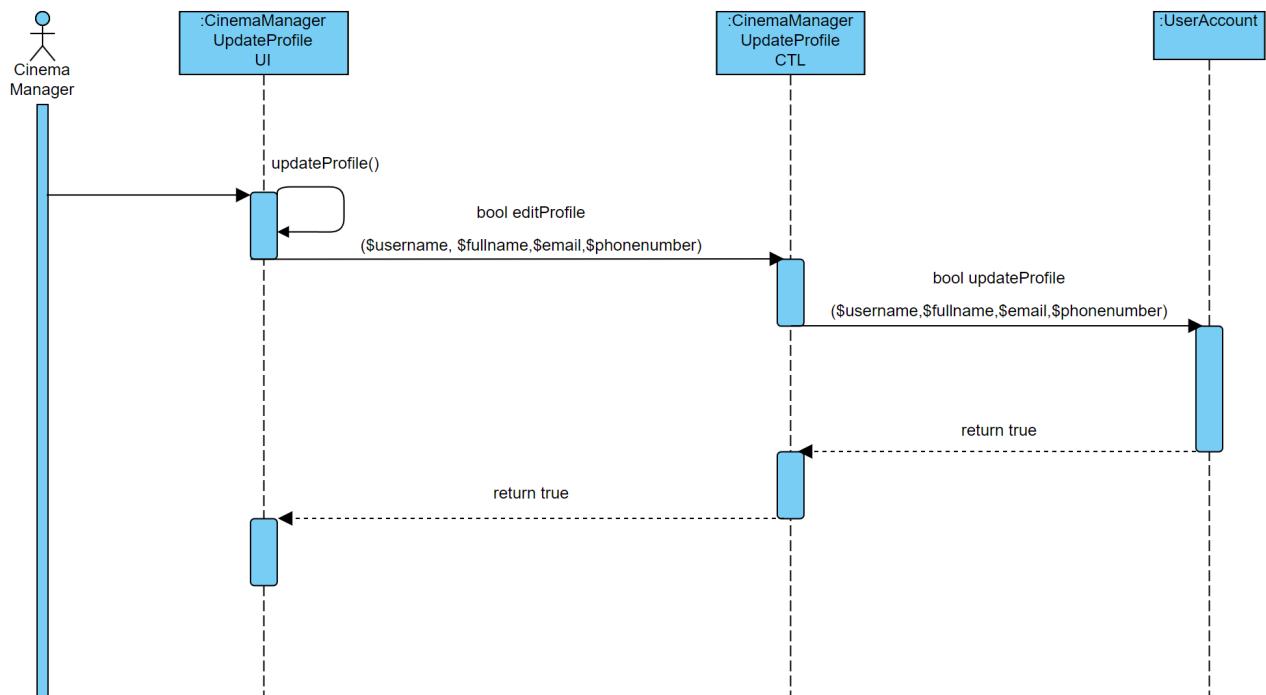
#254 Use Case Description

Name : Cinema Manager - Update Profile	ID: #254
Stakeholders and goals : Cinema Manager - Wants to update profile	
Description : Cinema Manager wants to Update Profile information	
Actors : Cinema Manager	
Precondition: Cinema Manager is in the Cinema Manager View Profile page	
Trigger : Cinema Manager clicks on Update Profile link	
Normal flow: <ol style="list-style-type: none">1. The System displays the Cinema Manager Update Profile page2. The Cinema Manager chooses to edit full name, email or phone number then clicks on Update Profile button3. The System updates the corresponding profile in the database4. End	
Sub-flows : None	
Alternative/Exceptional flows: None	

#256 BCE Class Diagram



#257 BCE Sequence Diagram



Cinema Manager View Profile Page



Profile Movie Sessions Cinema Rooms Ticket Types Food And Drinks Log Out

Username: cinemamanager
Full Name: cinemamanager
Email: email@email.com
Phone Number: 81234567
[Update Profile](#)

#259 Wireframe

The wireframe shows a user interface for updating a profile. At the top, there is a navigation bar with links for Profile, Movie Sessions, Cinema Rooms, Ticket Types, Food And Drinks, and Log Out. Below the navigation bar is a large, empty white area. In the center of this area, there is a form for updating personal information. The form includes fields for Full Name (cinemamanager), Email (email@email.com), and Phone Number (81234567). Below the form is a single button labeled "Update".

#261 Conduct Testing

Project Name :	BrainDead					
Test CaseID :	TC-261					
Test Case Description :	Cinema Manager- Update Profile					
Pre-Condition :	User is on CinemaManagerViewProfile UI page					
Test Data File :	userAccount_sql.txt					
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail	Remarks
TC-261-1	Select "Update Profile" to change own profile information	-	An interface to allow updating of personal profile information is displayed.	Form for updating profile information is displayed on screen. Original information are pre-filled.	Pass	
TC-261-2	Enter new informations and submits form.	Full Name: "newname" Email: "newemail@gmail.com" Phone Number: "87654321"	New information is shown after profile update.	Redirected user back to view updated personal profile information	Pass	"username" is not changeable

Taiga

The screenshot shows a Taiga Scrum board for the "SIM2023Q2-BrainDead" project. The board is titled "Sprint 2" (19 Apr 2023 to 26 Apr 2023). The columns represent the sprint cycle: NEW, IN PROGRESS, READY FOR TEST, CLOSED, and NEEDS INFO.

NEW Column: Contains one user story: "#16 Cinema Manager-Update Profile".

CLOSED Column: Contains 10 tasks, each with a small profile icon and a link:

- #255 Draw Use Case Diagram
- #261 Conduct Testing
- #254 Do Use Case Description
- #260 Do Frontend Coding
- #256 Draw BCE Class Diagram
- #257 Draw BCE Sequence Diagram
- #259 Draw Wireframe
- #258 Do Backend Coding

NEEDS INFO Column: Contains 1 task: "#253 Do Database Setup".

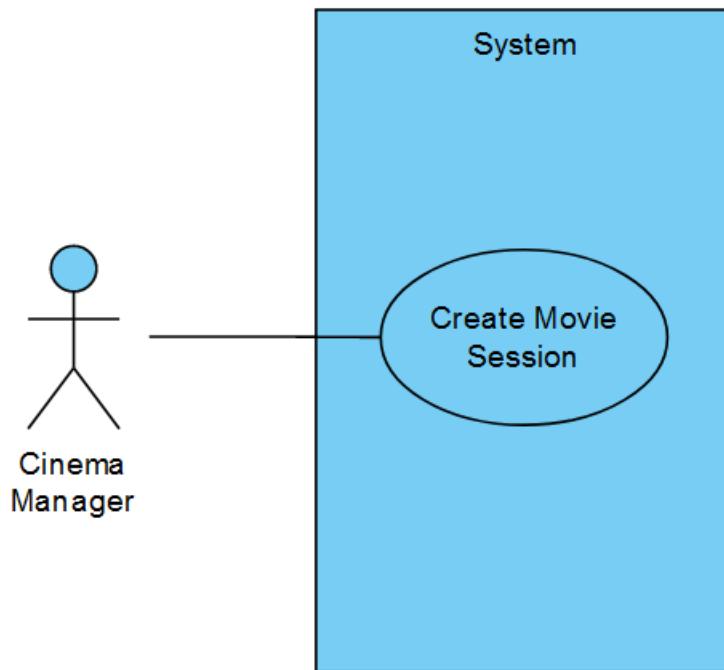
The sidebar on the left includes links for "Scrum Backlog", "Issues", "Search", "wiki", and "Team".

Cinema Manager - Create Movie Sessions

#17 User Story

As a Cinema Manager, I want to create new movie sessions so as to introduce new movie sessions.

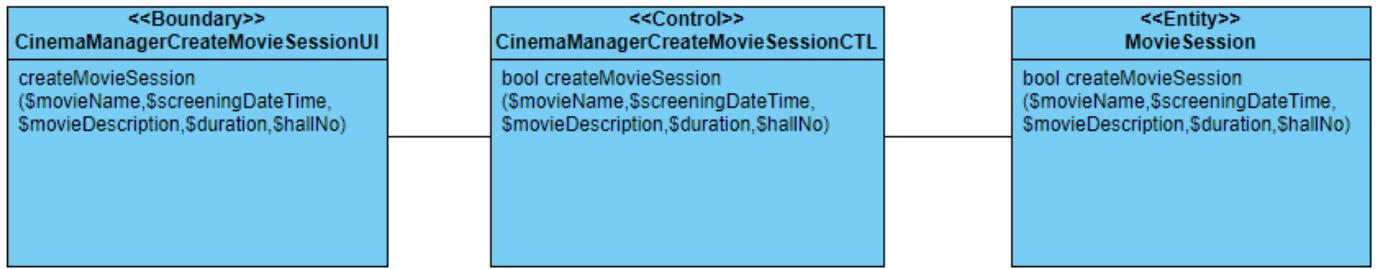
#321 Use Case Diagram



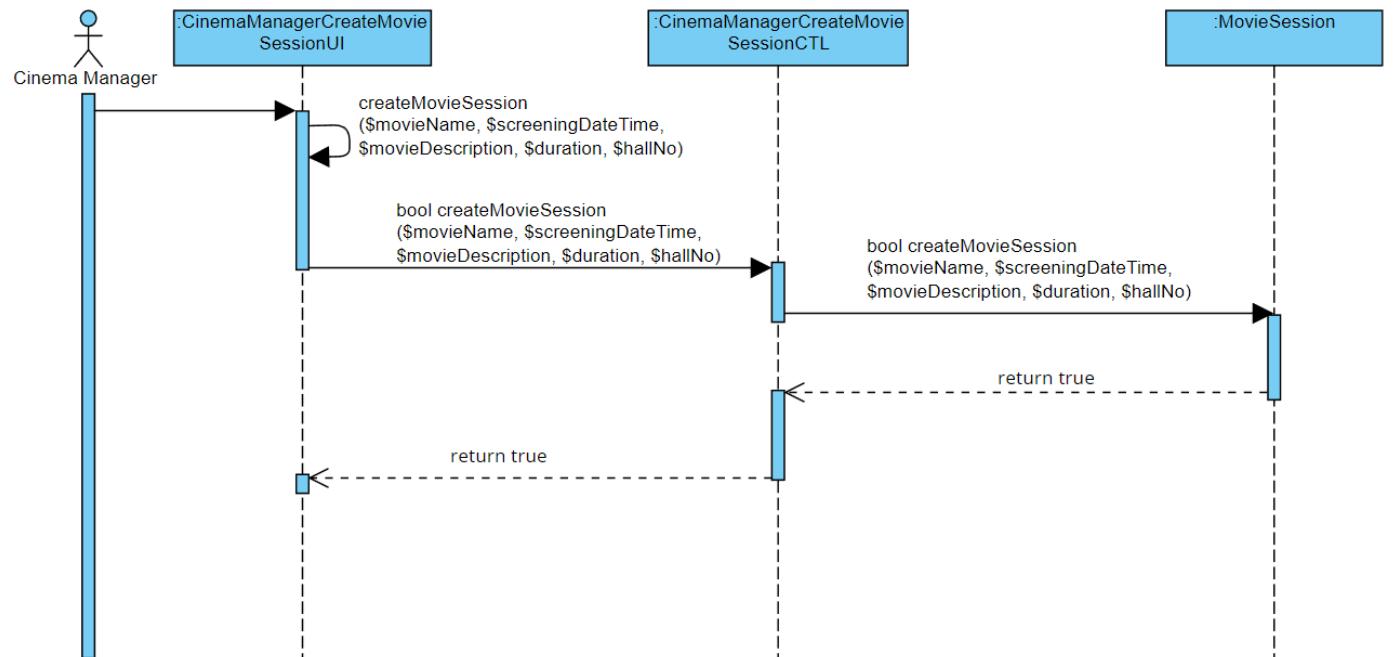
#322 Use Case Description

Name : Cinema Manager - Create Movie Sessions	ID: #322
Stakeholders and goals : Cinema Manager - Want to Create Movie Sessions	
Description : Cinema Manager- Want to Create Movie Sessions to introduce new movie	
Actors : Cinema Manager	
Precondition: Cinema Manager on Cinema Manager Movie Session page	
Trigger : Cinema Manager clicks Create Movie Session link	
Normal flow: <ol style="list-style-type: none">1. The System display Cinema Manager Create Movie Session UI page2. The Cinema Manger input movie name, screening date and time, movie description, duration, select hallNo and clicks Create Session button3. The System creates the movie session in the database4. End	
Sub-flows : None	
Alternative/Exceptional flows: None	

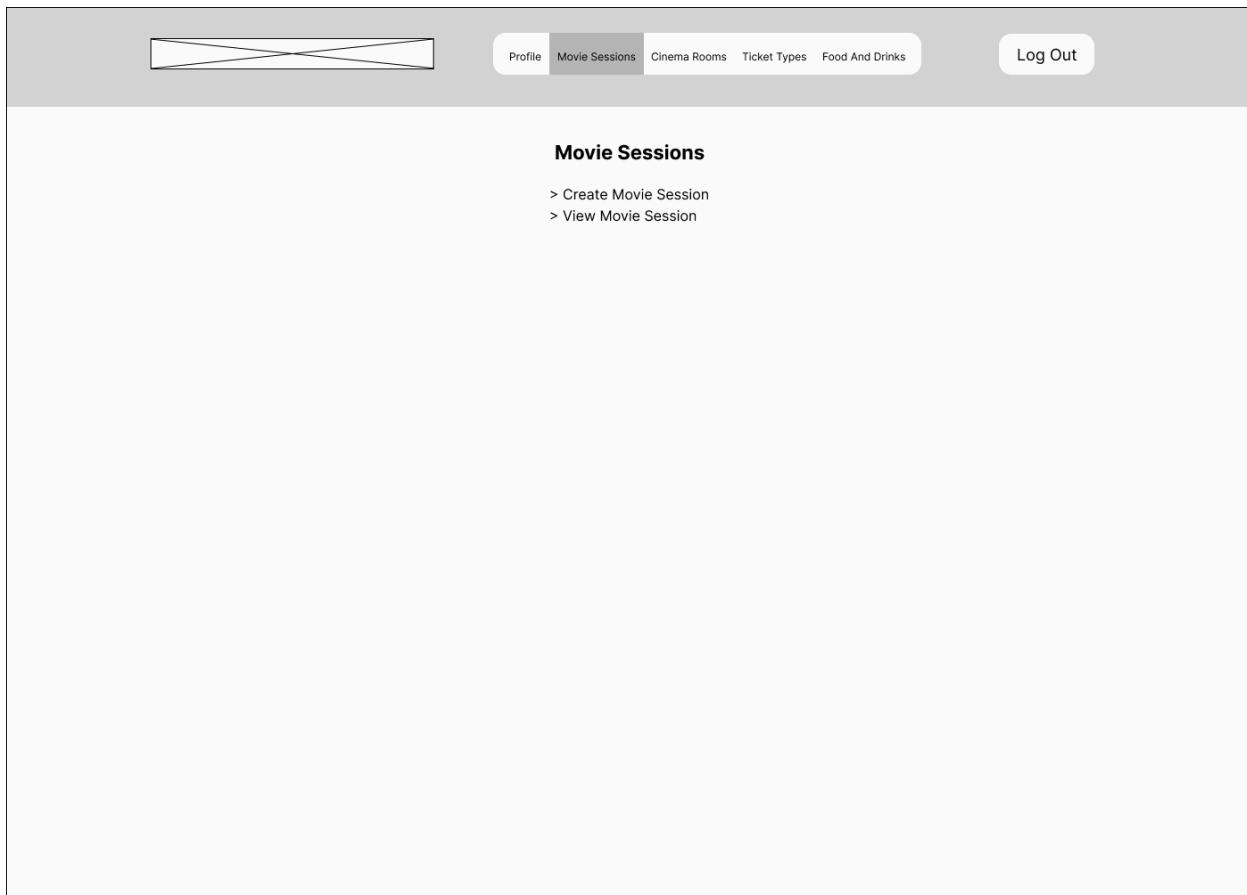
#324 BCE Class Diagram



#325 BCE Sequence Diagram



Cinema Manager Movie Session UI Page



The image shows a wireframe representation of a user interface for managing movie sessions. At the top, there is a navigation bar with a profile icon, five menu items ('Profile', 'Movie Sessions', 'Cinema Rooms', 'Ticket Types', 'Food And Drinks'), and a 'Log Out' button. Below the navigation bar, the main content area is titled 'Movie Sessions' and contains two menu items: 'Create Movie Session' and 'View Movie Session'. The rest of the page is a large, empty white space.

Profile Movie Sessions Cinema Rooms Ticket Types Food And Drinks Log Out

Movie Sessions

> Create Movie Session
> View Movie Session

#326 Wireframe

Create Movie Session

Movie Name:

Screening Date Time: dd/mm/yyyy 00:00

Movie Description:

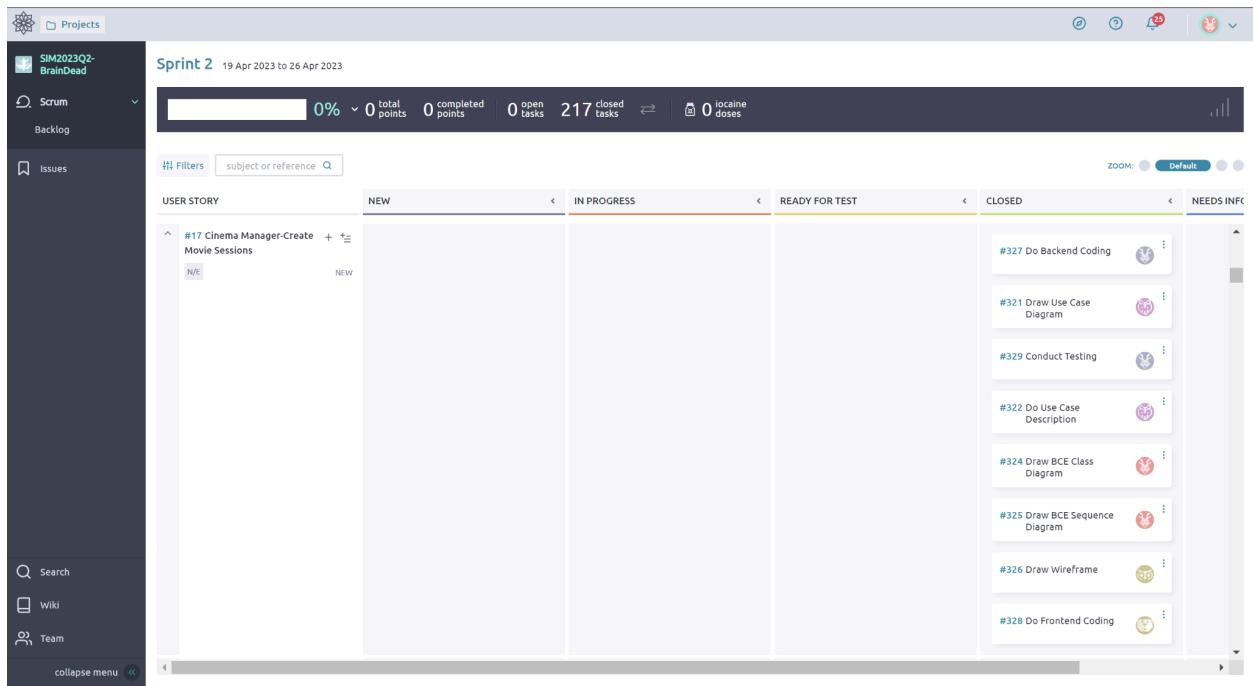
Duration: Minutes

Hall No:

#329 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-329				
Test Case Description :	Cinema Manager - Create Movie Session				
Pre-Condition :	User is on CinemaManagerMovieSession UI page				
Test Data File :	moviesession_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-329-1	Select "Create Movie Session" to create new movie session	-	Create Movie Session interface appear on screen.	Create Movie Session Form is displayed	Pass
TC-329-2	Create new movie session with current non-existing movie session information.	Movie Name = "A new movie" Screening Date-Time = 05/08/2023 12:00 PM Movie Description = "It is a new movie" Duration = 100 Hall No = 2	Message to notify successful creation, new movie session added	"Movie session creation SUCCESSFUL" displays on screen. New movie session is added.	Pass
TC-329-3	Create new movie session with current existing movie session information.	Movie Name = "A Pulp Fiction" Screening Date-Time = 05/17/2023 02:00 PM Movie Description = "A duplicate" Duration = 100 Hall No = 2	Message to notify user that session already exist.	"Movie session already exists" displays on screen. New movie session is not added	Pass

Taiga



Sprint 2 19 Apr 2023 to 26 Apr 2023

Scrum Backlog Issues

Filters subject or reference

ZOOM: Default

USER STORY	NEW	IN PROGRESS	READY FOR TEST	CLOSED	NEEDS INFO
#17 Cinema Manager-Create Movie Sessions	NEW			#327 Do Backend Coding #321 Draw Use Case Diagram #329 Conduct Testing #322 Do Use Case Description #324 Draw BCE Class Diagram #325 Draw BCE Sequence Diagram #326 Draw Wireframe #328 Do Frontend Coding	

Search Wiki Team

collapse menu

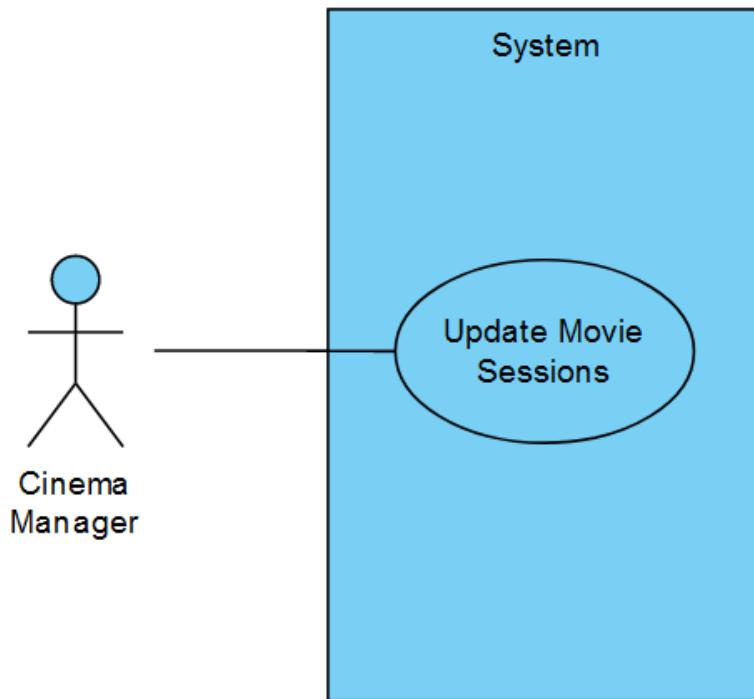
This screenshot shows the Taiga project management interface for the 'SIM2023Q2-BrainDead' project. The main view is the 'Scrum Backlog' for 'Sprint 2' (19 Apr 2023 to 26 Apr 2023). The backlog is organized into columns: NEW, IN PROGRESS, READY FOR TEST, CLOSED, and NEEDS INFO. A single user story, '#17 Cinema Manager-Create Movie Sessions', is listed under the NEW column. In the CLOSED column, there is a list of tasks: #327 Do Backend Coding, #321 Draw Use Case Diagram, #329 Conduct Testing, #322 Do Use Case Description, #324 Draw BCE Class Diagram, #325 Draw BCE Sequence Diagram, #326 Draw Wireframe, and #328 Do Frontend Coding. The sidebar on the left includes links for Search, Wiki, and Team, along with a 'collapse menu' button.

Cinema Manager - Update Movie Sessions

#19 User Story

As a Cinema Manager, I want to update the movie sessions so that I can edit the movie sessions.

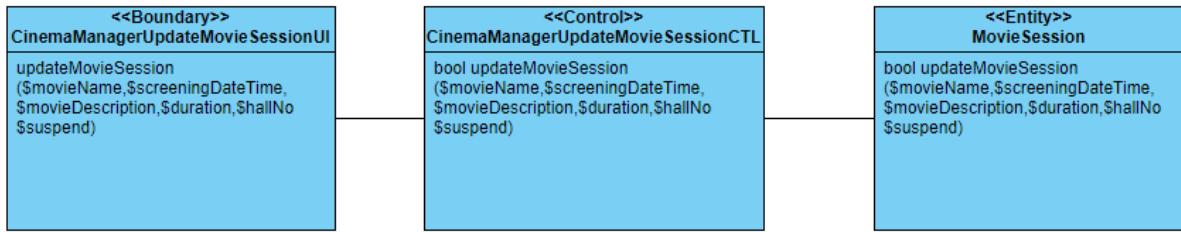
#330 Use Case Diagram



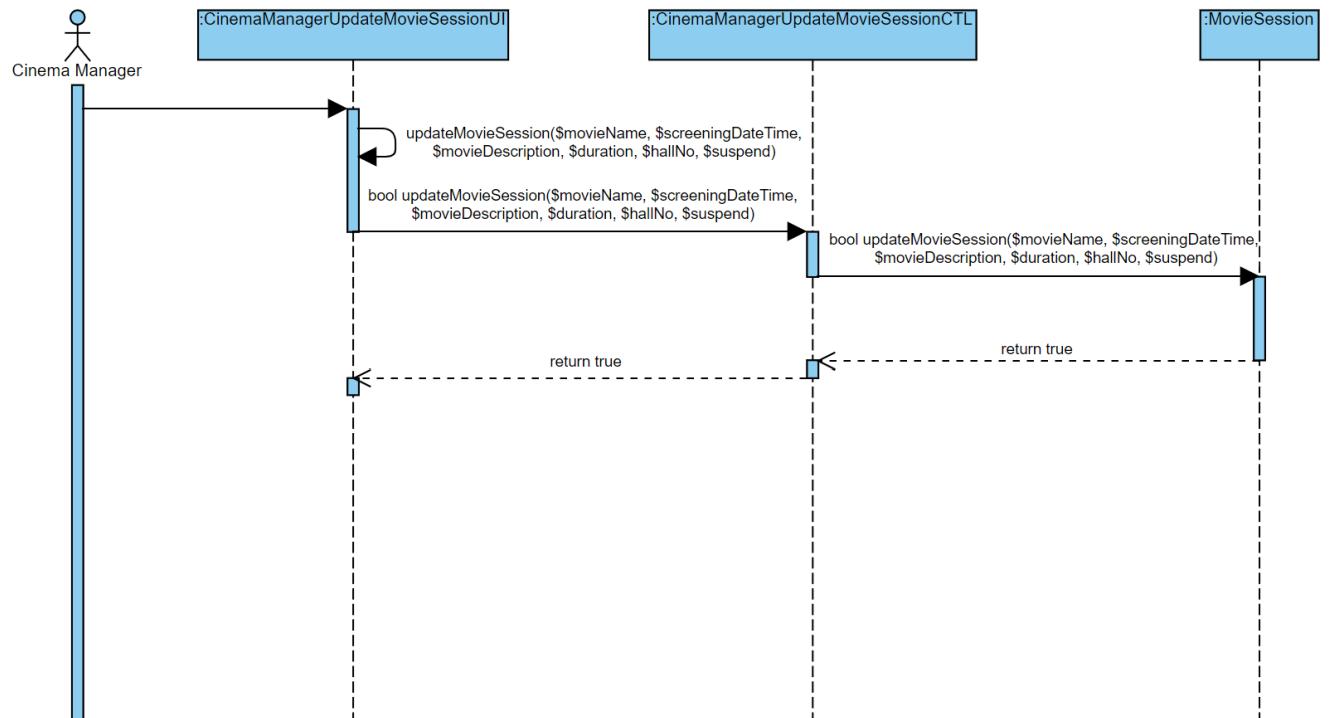
#331 Use Case Description

Name : Cinema Manager - Update Movie Sessions	ID: #331
Stakeholders and goals : Cinema Manager- Want to Update Movie Sessions	
Description : Cinema Manager- Want to Update Movie Sessions	
Actors : Cinema Manager	
Precondition: Cinema Manager on Cinema Manager View Movie Session page	
Trigger : Cinema Manager clicks on the Update link for the movie that required updating	
Normal flow: <ol style="list-style-type: none">1. The System display Cinema Manager Update Movie SessionUI page2. The Cinema Manager edits the movie description, duration, hall no, or suspends the movie and then and clicks on the Update button3. The System update the movie session in the database4. End	
Sub-flows : None	
Alternative/Exceptional flows: None	

#333 BCE Class Diagram



#334 BCE Sequence Diagram



Cinema Manager View Movie Session UI Page



Profile Movie Sessions Cinema Rooms Ticket Types Food And Drinks Log Out

View Movie Sessions

Search Bar:

Movie Name	Movie Description	Hall No	Screening Date	Time	Duration	Suspend	Update	Suspend
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>
A Movie Title								

#335 Wireframe

Update Movie Session

Movie Name: A Movie Name

Screening Date Time: dd/mm/yyyy 00:00

Movie Description:
Lorem ipsum dolor sit amet,
consectetur adipiscing.

Duration: 90 Minutes

Hall No: 1 V

Suspend: N

Buttons: Update, Back

#338 Conduct Testing

Project Name :	BrainDead			
Test CaseID :	TC-338			
Test Case Description :	Cinema Manager - Update Movie Session			
Pre-Condition :	User is on CinemaManagerViewMovieSession UI page			
Test Data File :	moviesession_sql.txt			
Test Step	Test Step Description	Test Data	Expected Results	Actual Result
TC-338-1	Select Update option for movie session "Back to School"	-	Movie Session Update interface appear on screen.	Movie Session Update Form appear on screen with the prefilled information of session.
TC-338-2	Update Movie Description, Duration, Hall, Suspend (status).	Movie Description = "A new description". Duration = 50 Hall No = 3 Suspend = "Y"	Message show on screen to notify that movie session has been updated successfully.	"Update Movie Session SUCCESSFUL!" displays on screen. The movie session successfully updates to the new information.

Taiga

The screenshot shows a Taiga Scrum board for the project "SIM2023Q2-BrainDead". The board is set up for "Sprint 2" from April 19 to April 26, 2023. The backlog is currently in "Scrum" mode. The board has columns for "NEW", "IN PROGRESS", "READY FOR TEST", "CLOSED", and "NEEDS INFO". A user story "#19 Cinema Manager-Update Movie Sessions" is in the NEW column. To its right, under the IN PROGRESS column, is a list of tasks assigned to this user story:

- #336 Do Backend Coding
- #331 Do Use Case Description
- #338 Conduct Testing
- #330 Draw Use Case Diagram
- #337 Do Frontend Coding
- #334 Draw BCE Sequence Diagram
- #335 Draw Wireframe
- #333 Draw BCE Class Diagram

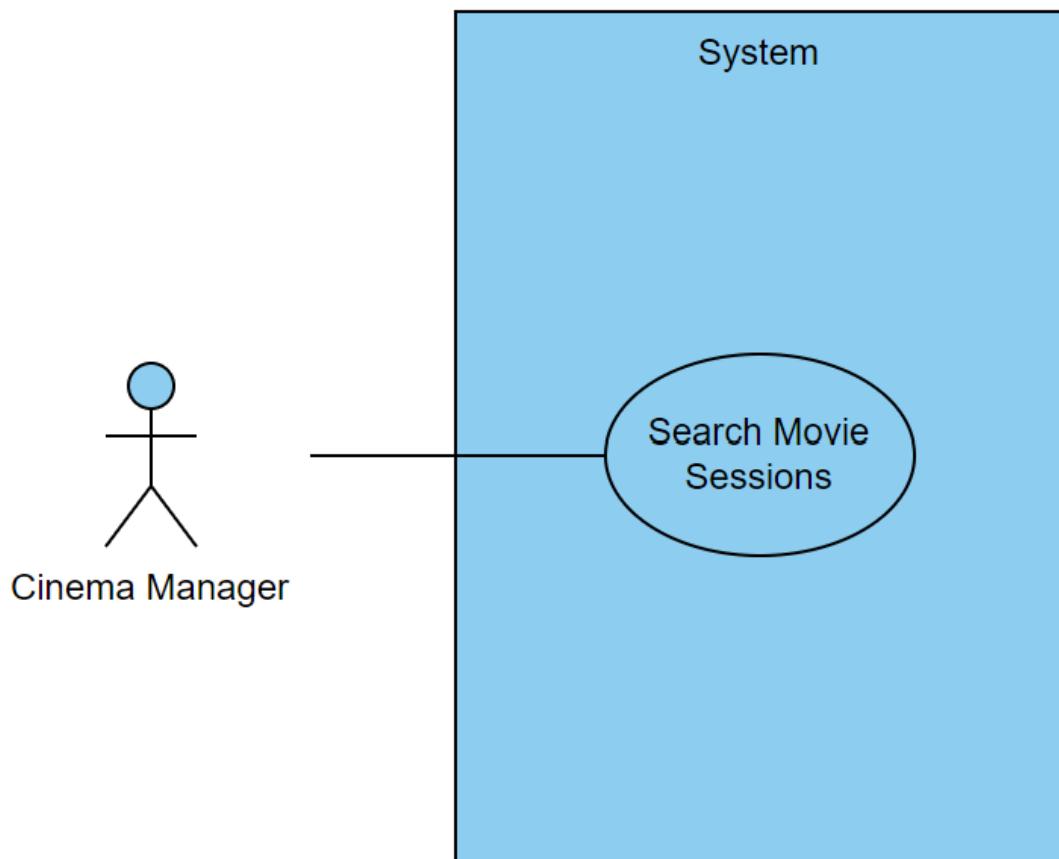
The sidebar on the left includes links for "Search", "Wiki", and "Team".

Cinema Manager - Search Movie Sessions

#21 User Story

As a Cinema Manager, I want to search for movie sessions so that I can review certain movie sessions.

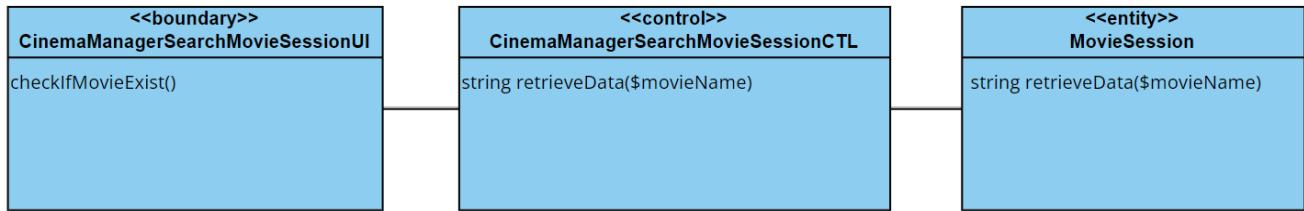
#339 Use Case Diagram



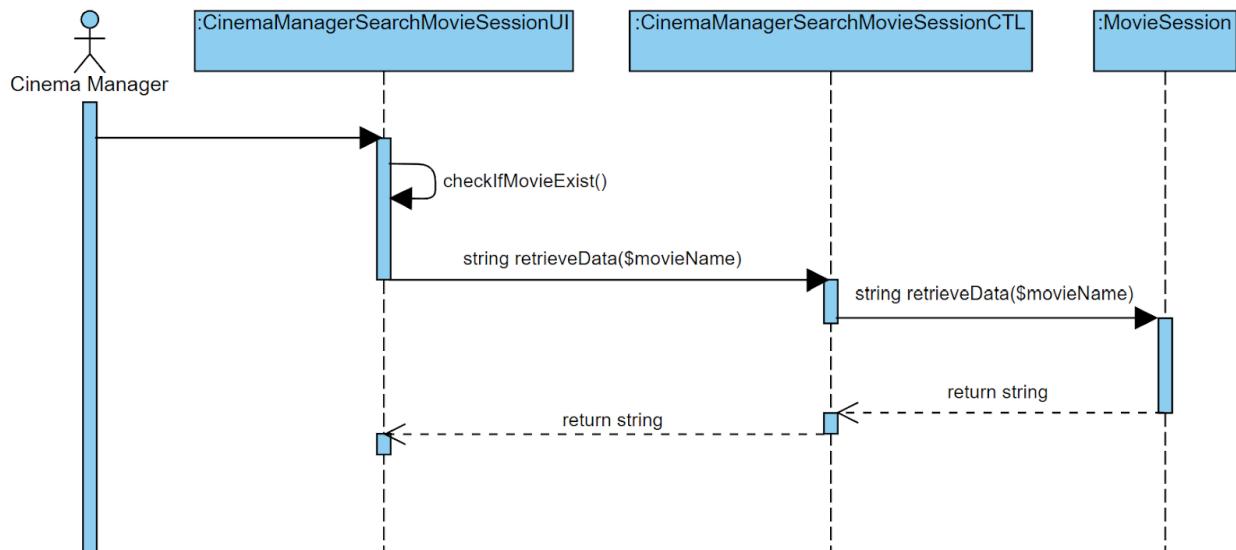
#340 Use Case Description

Name : Cinema Manage - Search Movie Sessions	ID: #340
Stakeholders and goals : Cinema Manager - Want to Search Movie Sessions	
Description : Cinema Manager - Want to Search Movie Sessions	
Actors : Cinema Manager	
Precondition: Cinema Manager is on Cinema Manager View Movie Session page	
Trigger : Cinema Manager types movie name into the search bar and clicks on Search	
Normal flow: <ol style="list-style-type: none">1. The System retrieves and displays the corresponding Movie Session details2. End	
Sub-flows : None	
Alternative/Exceptional flows: None	

#342 BCE Class Diagram



#343 BCE Sequence Diagram



Cinema Manager View Movie Session UI Page



Profile Movie Sessions Cinema Rooms Ticket Types Food And Drinks Log Out

View Movie Sessions

Search Bar:

Movie Name	Movie Description	Hall No	Screening Date	Time	Duration	Suspend	Update	Suspend
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>
A Movie Title								

#344 Wireframe

Search Result :

Search Bar:

Movie Name	Movie Description	Hall No	Screening Date	Time	Duration	Suspend	Update	Suspend
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>

#347 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-347				
Test Case Description :	Cinema Manager - Search Movie Session				
Pre-Condition :	User is on CinemaManagerViewMovieSession UI page				
Test Data File :	moviesession_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-347-1	Search for Movie Session	movieName = "Back To School"	Movie session displays according to search criteria	Movie Session for "Back To School" appears on screen	Pass

Taiga

The screenshot shows a Taiga Scrum board for the 'SIM2023Q2-BrainDead' project. The board is set up for 'Sprint 2' from 19 Apr 2023 to 26 Apr 2023. The columns represent the sprint cycle: NEW, IN PROGRESS, READY FOR TEST, CLOSED, and NEEDS INFO.

IN PROGRESS Column:

- #21 Cinema Manager-Search + Movie Sessions (Status: NEW)

CLOSED Column:

- #339 Draw Use Case Diagram
- #345 Do Backend Coding
- #347 Conduct Testing
- #340 Do Use Case Description
- #346 Do Frontend Coding
- #344 Draw Wireframe
- #343 Draw BCE Sequence Diagram
- #342 Draw BCE Class Diagram

Side Navigation:

- Projects
- Scrum
- Backlog
- Issues
- Search
- Wiki
- Team

Bottom Bar:

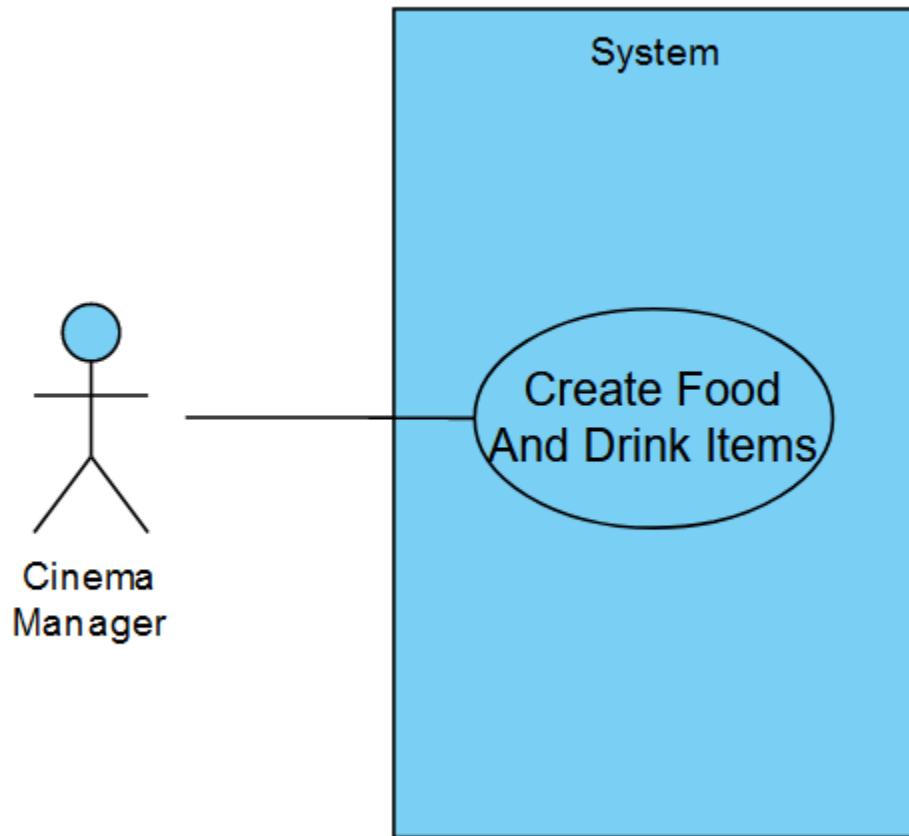
- collapse menu

Cinema Manager - Create Food and Drink Items

#27 User Story

As a Cinema Manager, I want to create food and drink items so that I can add new menu items.

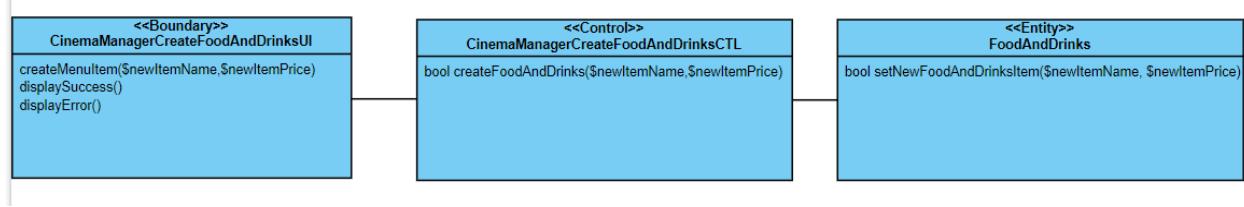
#263 Use Case Diagram



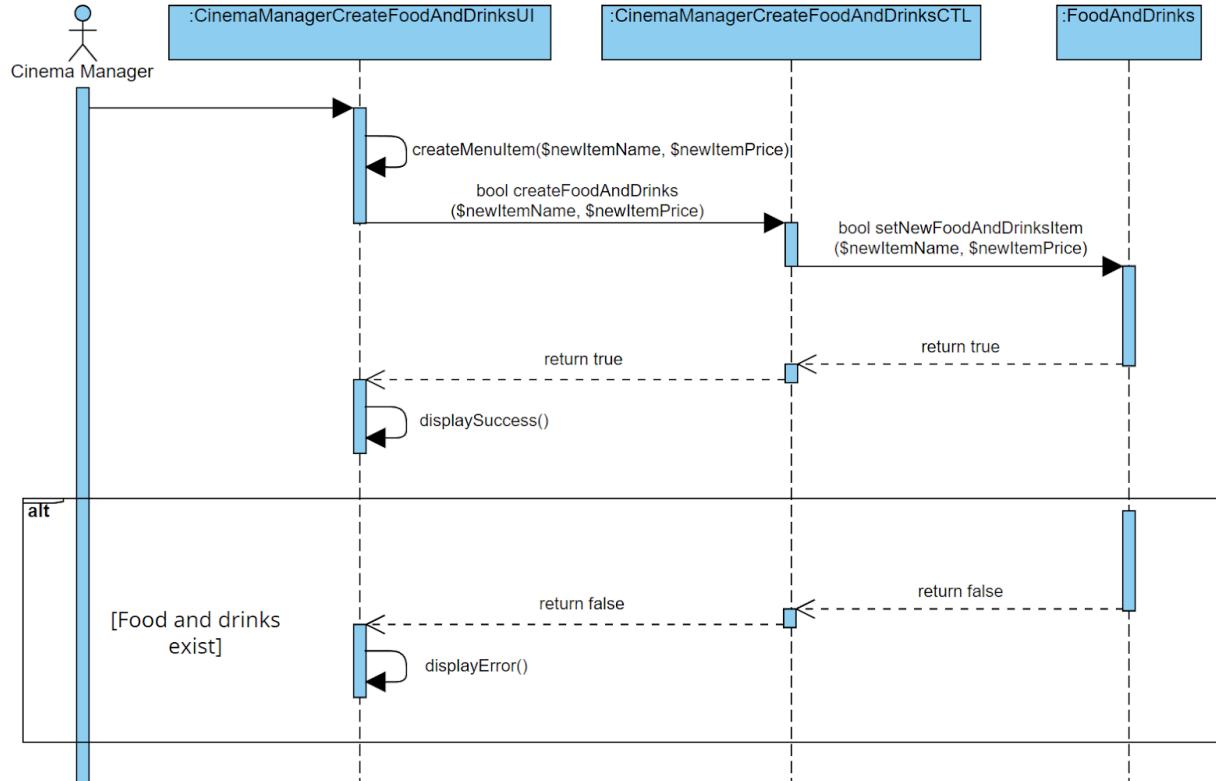
#262 Use Case Description

Name : Cinema Manager - Create Food And Drink Items	ID: #262
Stakeholders and goals : Cinema Manager- Want to Create Food And Drink Items	
Description : Cinema Manager- Want to Create Food And Drink Items	
Actors : Cinema Manager	
Precondition: Cinema Manager is on Cinema Manager Food And Drinks page	
Trigger : Cinema Manager clicks Create New Food And Drinks Item link	
Normal flow: <ol style="list-style-type: none">1. The System display Cinema Manager Create Food And Drinks UI page2. The Cinema Manager input new food/drink name, price and clicks Create button3. The System creates the new food/drink item in database4. End	
Sub-flows : None	
Alternative/Exceptional flows: <p>3a. Food and drinks exist: The System validates, if the food and drinks item already exists an error message will be prompted to inform the cinema manager.</p>	

#265 BCE Class Diagram



#264 BCE Sequence Diagram



Cinema Manager Food And Drink UI Page



Profile Movie Sessions Cinema Rooms Ticket Types Food And Drinks Log Out

Food And Drinks Menu Items

- > Create New Food And Drinks Item
- > View Food And Drinks Items
- > Update Food And Drinks Items
- > Suspend Food And Drinks Items
- > Search Food And Drinks Items

#267 Wireframe

Create New Food And Drinks Item

New Food and Drink Item:

Set Item Price:

#269 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-269				
Test Case Description :	Cinema Manager - Create Food & Drink				
Pre-Condition :	User is on CinemaManagerFoodAndDrink UI page				
Test Data File :	foodanddrink_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-269-1	Select "Create New Food And Drinks Item" to create new food & drink	-	Interface for creation of new foodanddrink will display	Form to create new foodanddrink is displayed	Pass
TC-269-2	Enter new food and drink details and submit.	New Food/Drink Item = "New Menu Item" Set Item Price = "10"	Message to notify that new foodanddrink item has been added	"New Menu Item successfully added!" is displayed upon successful creation.	Pass
TC-269-3	Enter food and drink details of existing items, and submit.	New Food/Drink Item = "Bottled Water - Large" Set Item Price = "3"	Message to notify that the specified food&drink item already exist. Does not add.	"Menu Item already exists!" is displayed upon failed creation due to existing item	Pass

Taiga

The screenshot shows a Taiga Scrum board for the 'SIM2023Q2-BrainDead' project. The board is titled 'Sprint 2' (19 Apr 2023 to 26 Apr 2023). The backlog is set to 'Scrum'. The board has columns: NEW, IN PROGRESS, READY FOR TEST, CLOSED, and NEEDS INFO. A user story is currently in the IN PROGRESS column: '#27 Cinema Manager-Create + Food And Drink Items'. Below it, there is a note: 'N/E'. In the IN PROGRESS column, there are 217 closed tasks. To the right, under NEEDS INFO, there is a list of tasks:

- #266 Do Backend Coding
- #269 Conduct Testing
- #265 Draw BCE Class Diagram
- #268 Do Frontend Coding
- #263 Draw Use Case Diagram
- #262 Do Use Case Description
- #267 Draw Wireframe
- #264 Draw BCE Sequence Diagram

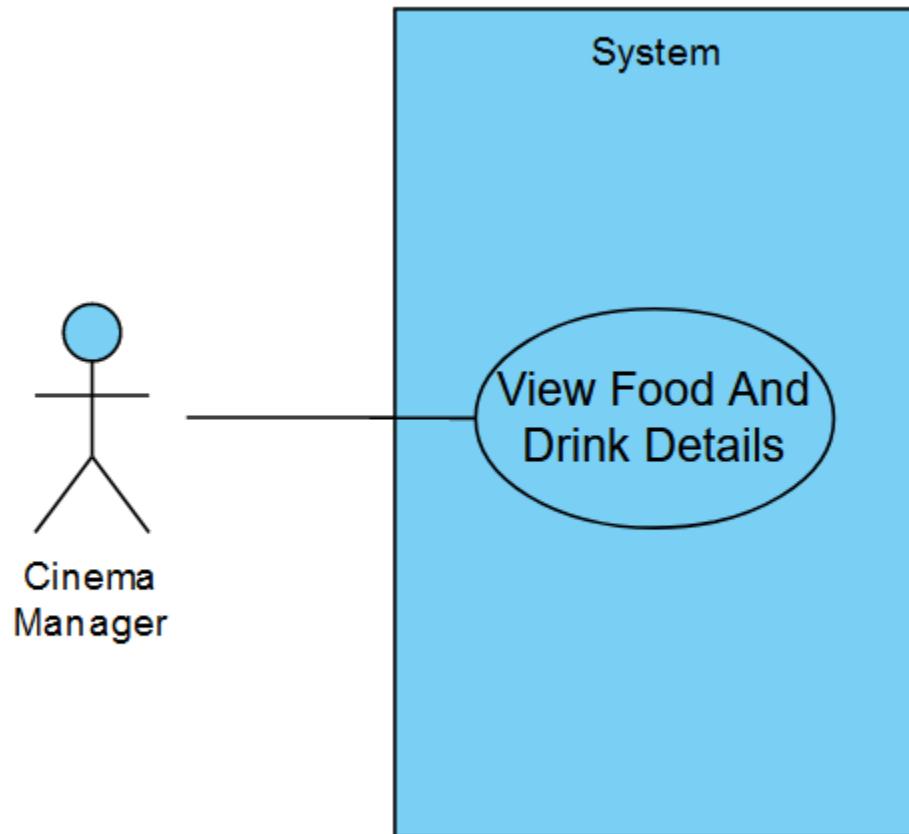
The sidebar on the left includes links for Search, Wiki, and Team, along with a 'collapse menu' option.

Cinema Manager - View Food and Drink Details

#28 User Story

As a Cinema Manager, I want to view the food and drink details so I can see all available menu items.

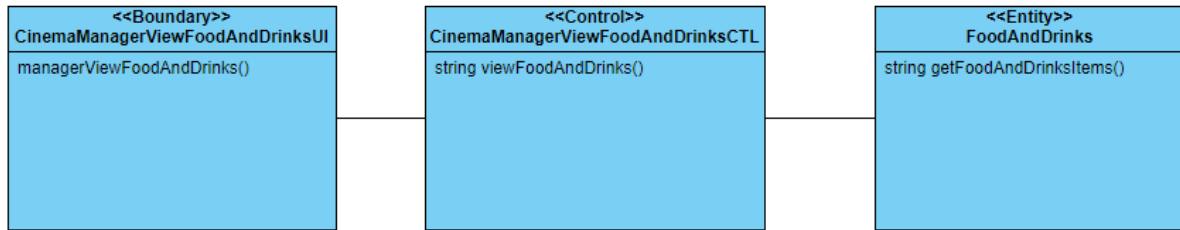
#271 Use Case Diagram



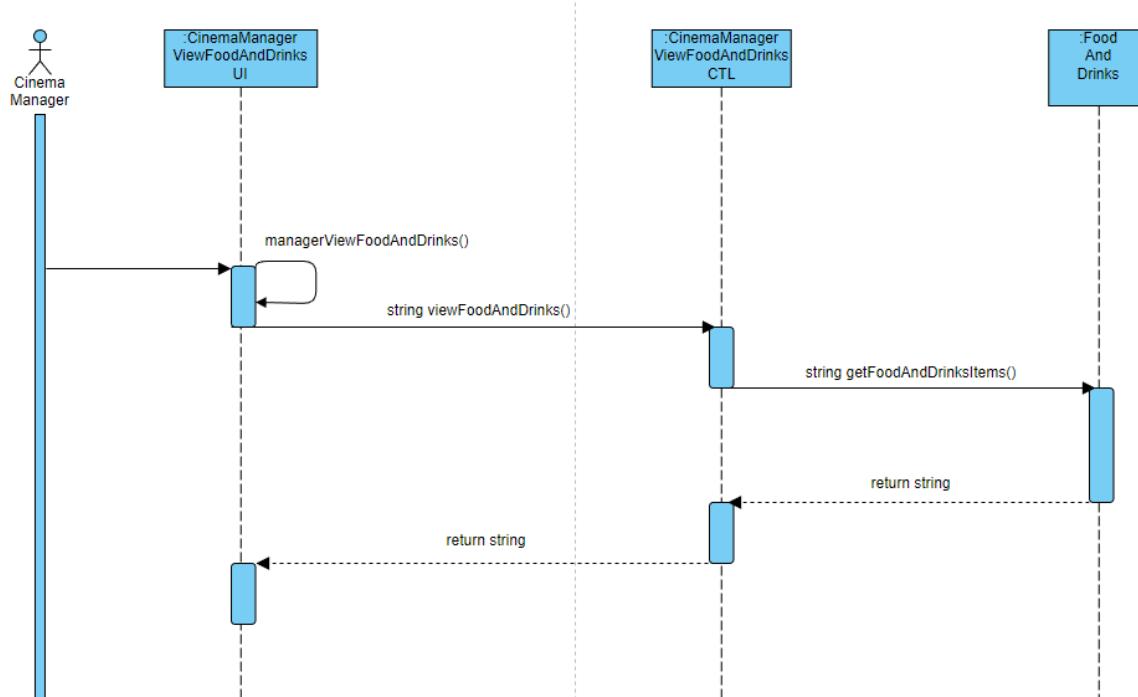
#270 Use Case Description

Name : Cinema Manager - View Food And Drink Details	ID: #270
Stakeholders and goals : Cinema Manager - View Food And Drink Details	
Description : Cinema Manager wants to view all the Food And Drink Details	
Actors : Cinema Manager	
Precondition: Cinema Manager is on Cinema Manager Food and Drinks page	
Trigger : Cinema Manager clicks View Food And Drinks Items link	
Normal flow: <ol style="list-style-type: none">1. The System retrieves and displays all Food And Drink items from the database2. End	
Sub-flows : None	
Alternative/Exceptional flows: None	

#273 BCE Class Diagram



#272 BCE Sequence Diagram



Cinema Manager Food And Drinks UI Page



[Profile](#) [Movie Sessions](#) [Cinema Rooms](#) [Ticket Types](#) [Food And Drinks](#)

[Log Out](#)

Food And Drinks Menu Items

- > Create New Food And Drinks Item
- > View Food And Drinks Items
- > Update Food And Drinks Items
- > Suspend Food And Drinks Items
- > Search Food And Drinks Items

#275 Wireframe

#277 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-277				
Test Case Description :	Cinema Manager - View Food And Drink Details				
Pre-Condition :	User is on CinemaManagerFoodAndDrink UI page				
Test Data File :	foodanddrink_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-277-1	Select "View Food And Drinks Items" to view all existing food & drink	-	All available foodanddrink items are displayed on screen	A table consisting of existing foodanddrink are displayed.	Pass

Taiga

The screenshot shows a Taiga Scrum board for the 'SIM2023Q2-BrainDead' project. The board is titled 'Sprint 2' (19 Apr 2023 to 26 Apr 2023). The columns represent the workflow: NEW, IN PROGRESS, READY FOR TEST, CLOSED, and NEEDS INFO.

IN PROGRESS Column:

- #28 Cinema Manager-View Food And Drink Details (N/E)

CLOSED Column:

- #271 Draw Use Case Diagram
- #277 Conduct Testing
- #270 Do Use Case Description
- #273 Draw BCE Class Diagram
- #272 Draw BCE Sequence Diagram
- #274 Do Backend Coding
- #275 Draw Wireframe
- #276 Do Frontend Coding

NEEDS INFO Column:

- (empty)

Top Summary Metrics:

- 0% total points
- 0 completed points
- 0 open tasks
- 217 closed tasks
- 0 cocaine doses

Left Sidebar:

- Projects (SIM2023Q2-BrainDead)
- Scrum (selected)
- Backlog
- Issues
- Search
- Wiki
- Team

Bottom Navigation:

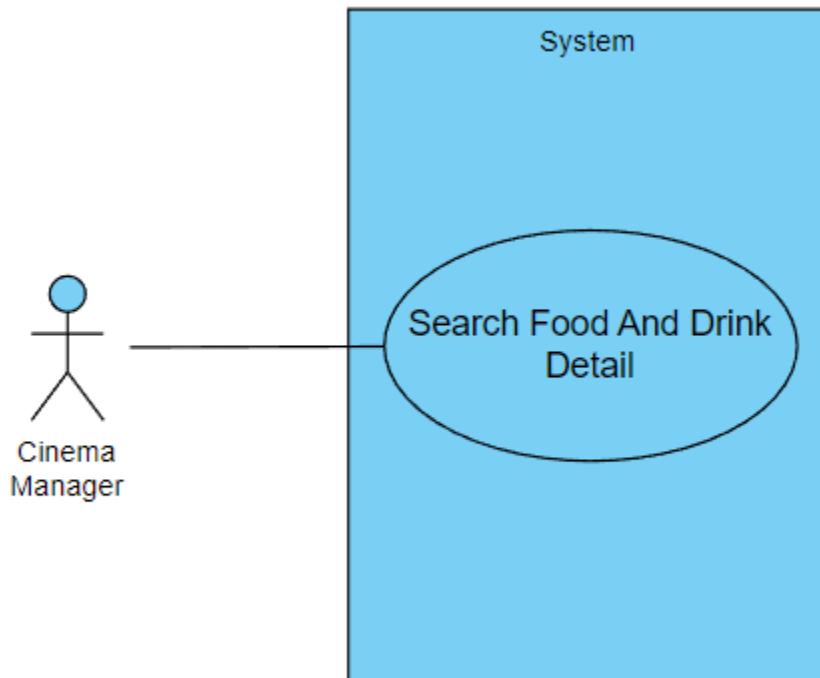
- collapse menu

Cinema Manager-Search Food and Drink Details

#31 User Story

As a Cinema Manager, I want to search the food and drink details so that I can review certain food and drink menu items.

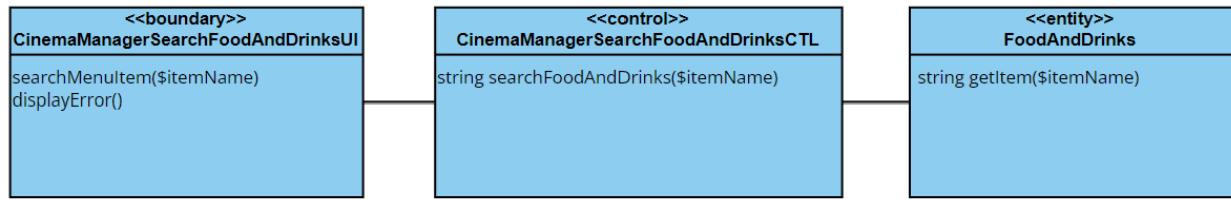
#279 Use Case Diagram



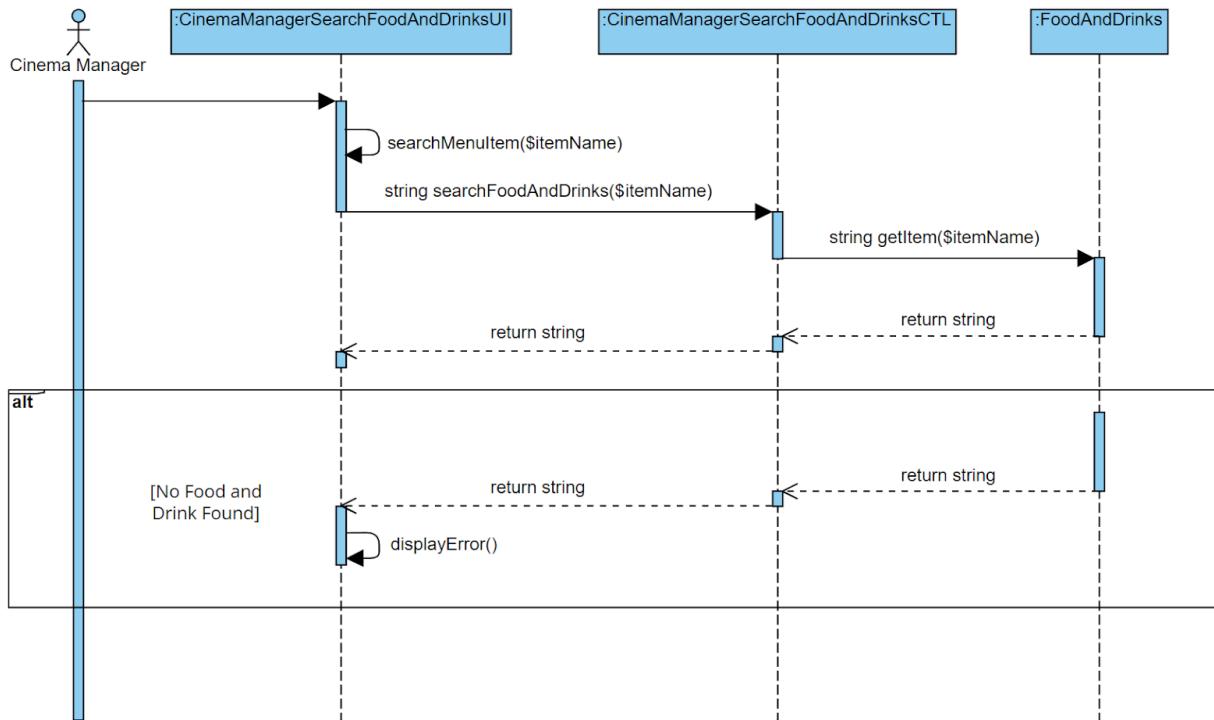
#278 Use Case Description

Name : Cinema Manager - Search Food And Drink Details	ID: #278
Stakeholders and goals : Cinema Manager- Want to Search Food And Drink Details	
Description : Cinema Manager wants to search for a specific Food And Drink Details	
Actors : Cinema Manager	
Precondition: Cinema Manager is on Cinema Manager Food And Drinks page	
Trigger : Cinema Manager clicks on Search Food And Drinks Items link	
Normal flow: <ol style="list-style-type: none">1. The System displays the Cinema Manager Search Food And Drinks page2. The Cinema Manager inputs the name of the food and drink item that they wish to search for into the search box and clicks on the search button3. The System retrieves and displays the food and drink item from the database4. End	
Sub-flows : None	
Alternative/Exceptional flows: 3a No Food and Drink Found: The System display "Menu Item not found"	

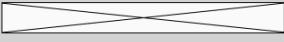
#281 BCE Class Diagram



#280 BCE Sequence Diagram



Cinema Manager Food And Drinks UI Page



Profile Movie Sessions Cinema Rooms Ticket Types Food And Drinks Log Out

Food And Drinks Menu Items

- > Create New Food And Drinks Item
- > View Food And Drinks Items
- > Update Food And Drinks Items
- > Suspend Food And Drinks Items
- > Search Food And Drinks Items

#283 Wireframe

Search for Food And Drinks Items

Name of Food and Drink Item:

#285 Conduct Testing

Project Name :	BrainDead			
Test CaseID :	TC-285			
Test Case Description :	Cinema Manager - Search Food & Drink Details			
Pre-Condition :	User is on CinemaManagerFoodAndDrink UI page			
Test Data File :	foodanddrink_sql.txt			
Test Step	Test Step Description	Test Data	Expected Results	Actual Result
TC-285-1	Select "Search Food And Drinks Items" to search for existing food & drink	-	Food&Drink search interface is displayed on screen	Search interface is displayed to search for foodanddrink
TC-285-2	Enter search criteria to search for <u>existing</u> food&drink item. Click "Search" button	Name of Food/Drink Item: "Bottled Water - Large"	Food&Drink item that match the search criteria is displayed on the screen	"Bottled Water - Large" item information is displayed on screen
TC-285-3	Enter search criteria to search for <u>non-existing</u> food&drink item. Click "Search" button	Name of Food/Drink Item: "NonexistantFood"	Screen displays that no results is found.	"Menu Item not found!" is displayed as no results retrieved.

Taiga

The screenshot shows a Taiga Scrum board for the 'Sprint 2' iteration, which ran from April 19 to April 26, 2023. The board has five columns: NEW, IN PROGRESS, READY FOR TEST, CLOSED, and NEEDS INFO. A user story titled '#31 Cinema Manager-Search Food And Drink Details' is currently in the NEW column. The IN PROGRESS column contains a single task: '#282 Do Backend Coding'. The CLOSED column contains eight tasks: '#285 Conduct Testing', '#279 Draw Use Case Diagram', '#284 Do Frontend Coding', '#281 Draw BCE Class Diagram', '#283 Draw Wireframe', '#280 Draw BCE Sequence Diagram', '#278 Do Use Case Description', and '#286 Draw BCE State Diagram'. The NEEDS INFO column is empty. The sidebar on the left includes links for 'Scrum', 'Backlog', 'Issues', 'Search', 'Wiki', and 'Team'.

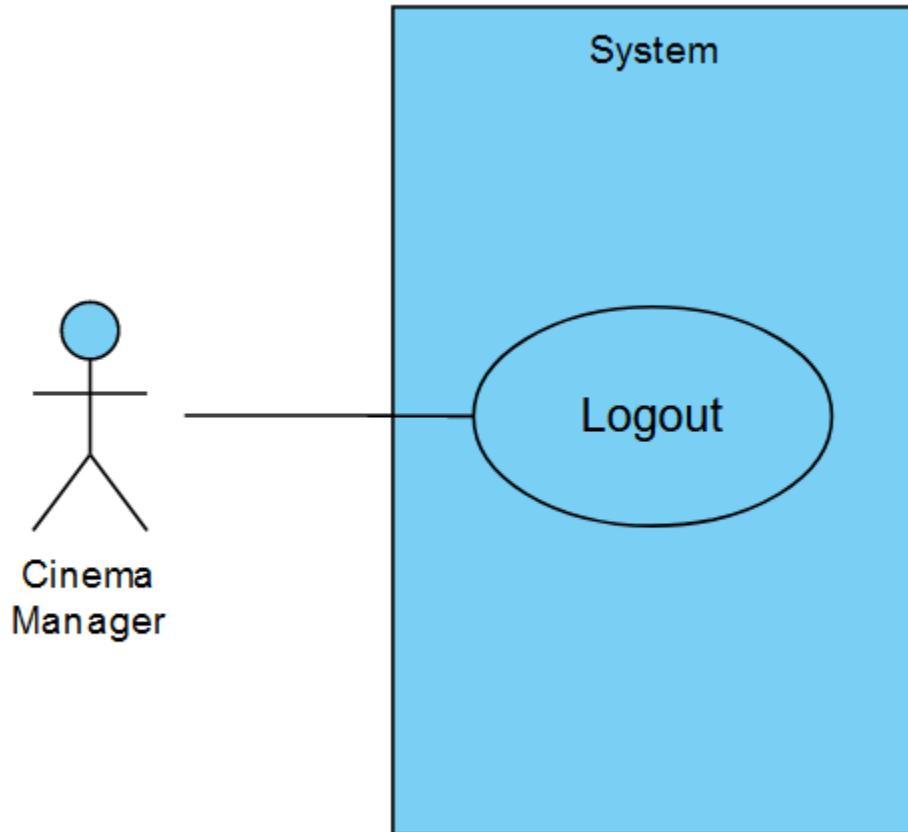
USER STORY	NEW	IN PROGRESS	READY FOR TEST	CLOSED	NEEDS INFO
#31 Cinema Manager-Search Food And Drink Details NEW		#282 Do Backend Coding		#285 Conduct Testing #279 Draw Use Case Diagram #284 Do Frontend Coding #281 Draw BCE Class Diagram #283 Draw Wireframe #280 Draw BCE Sequence Diagram #278 Do Use Case Description #286 Draw BCE State Diagram	

Cinema Manager - Logout

#37 User Story

As a Cinema Manager, I want to log out so that I can end my session

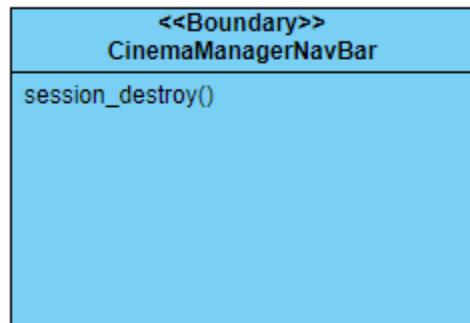
#148 Use Case Diagram



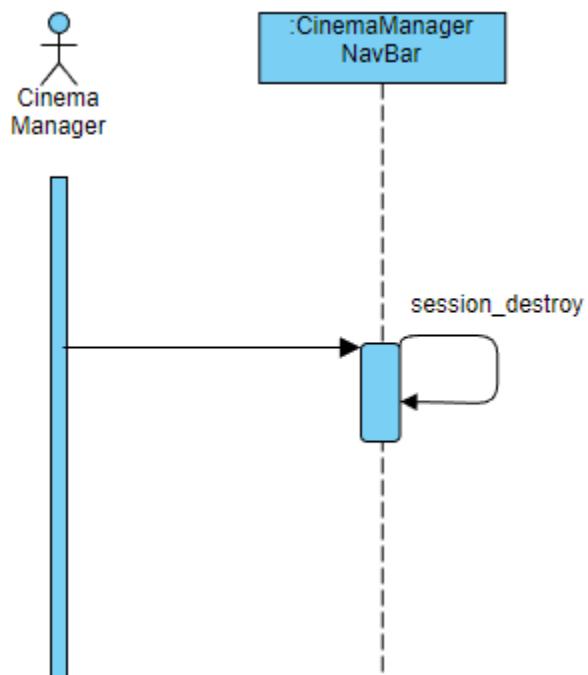
#178 Use Case Description

Name : Cinema Manager - Logout	ID: #178
Stakeholders and goals : Cinema Manager - Wants to logout	
Description : Cinema Manager wants to logout of the system	
Actors : Cinema Manager	
Precondition: Cinema Manager is logged in	
Trigger : Cinema Manager clicks on the Log out button on the Cinema Manager Nav Bar	
Normal flow: <ol style="list-style-type: none">1. The System logs the Cinema Manager out.2. End	
Sub-flows : None	
Alternative/Exceptional flows: None	

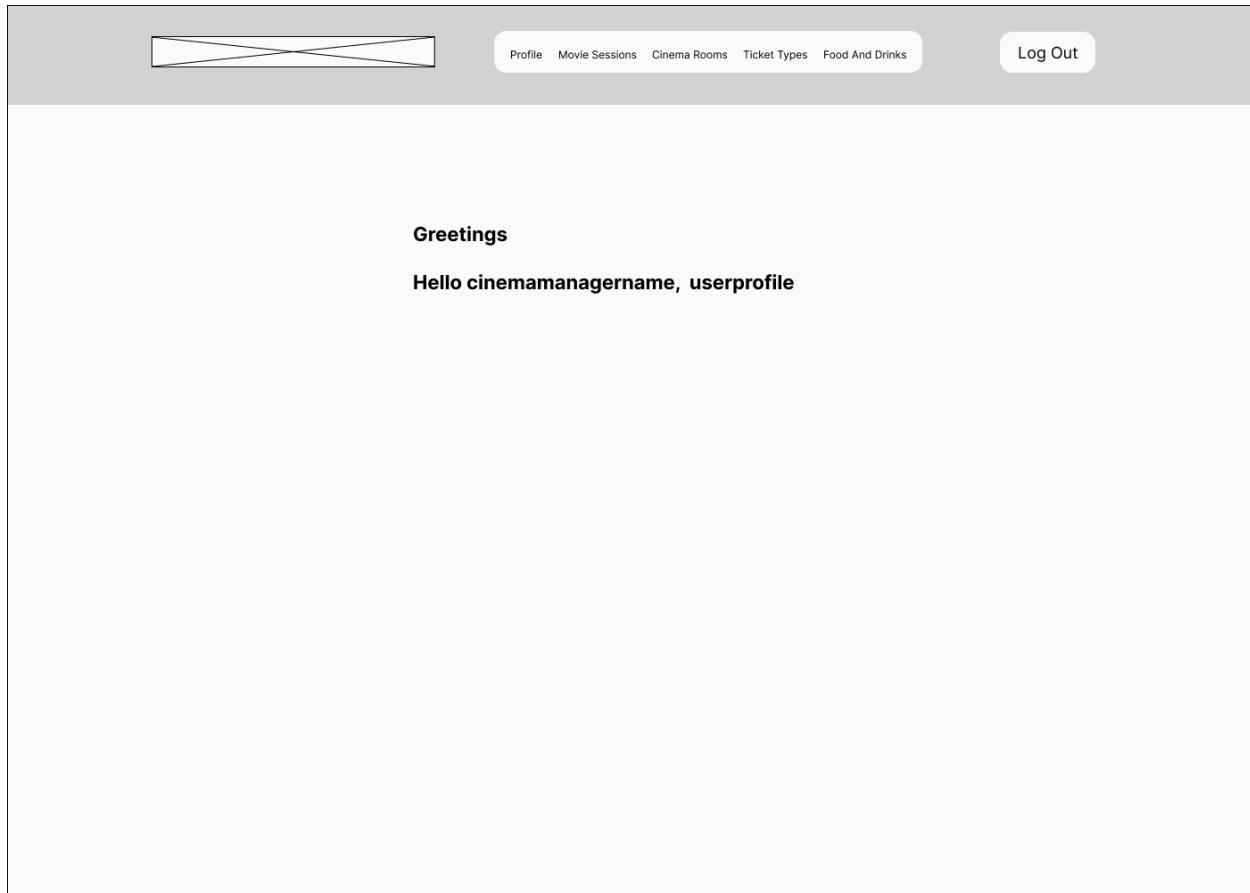
#149 BCE Class Diagram



#151 BCE Sequence Diagram



Cinema Manager Logon Page UI



#152 Wireframe

The wireframe shows a login interface. At the top center is a logo consisting of two overlapping triangles forming a V-shape, with the word "Logo" written below it. Below the logo is the text "Welcome to Braindead Movies !". There are two input fields: one for "Username" and one for "Password", both represented by empty rectangular boxes. Below these fields is a "Login" button, which is a small rectangle with the word "Login" centered inside. At the bottom left, there is a link "New? Sign up here →" followed by a "Sign Up" button, which is another small rectangle with the words "Sign Up" inside.

#144 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-155				
Test Case Description :	Cinema Manager-Logout				
Pre-Condition :	User is logged in				
Test Data File :	-				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-155-1	Click on Log Out button	-	User is logged out and redirected back to Log In page	User is logged out and redirected back to Log In page	Pass

Taiga

The screenshot shows a Taiga Scrum board for the 'Sprint 2' iteration, which ran from April 19 to April 26, 2023. The board has five columns: NEW, IN PROGRESS, READY FOR TEST, CLOSED, and NEEDS INFO. A single user story, '#37 Cinema Manager-Logout', is present in the NEW column. The IN PROGRESS column is empty. The CLOSED column contains eight tasks, and the NEEDS INFO column contains one task. The sidebar on the left includes links for Scrum Backlog, Issues, Search, Wiki, and Team.

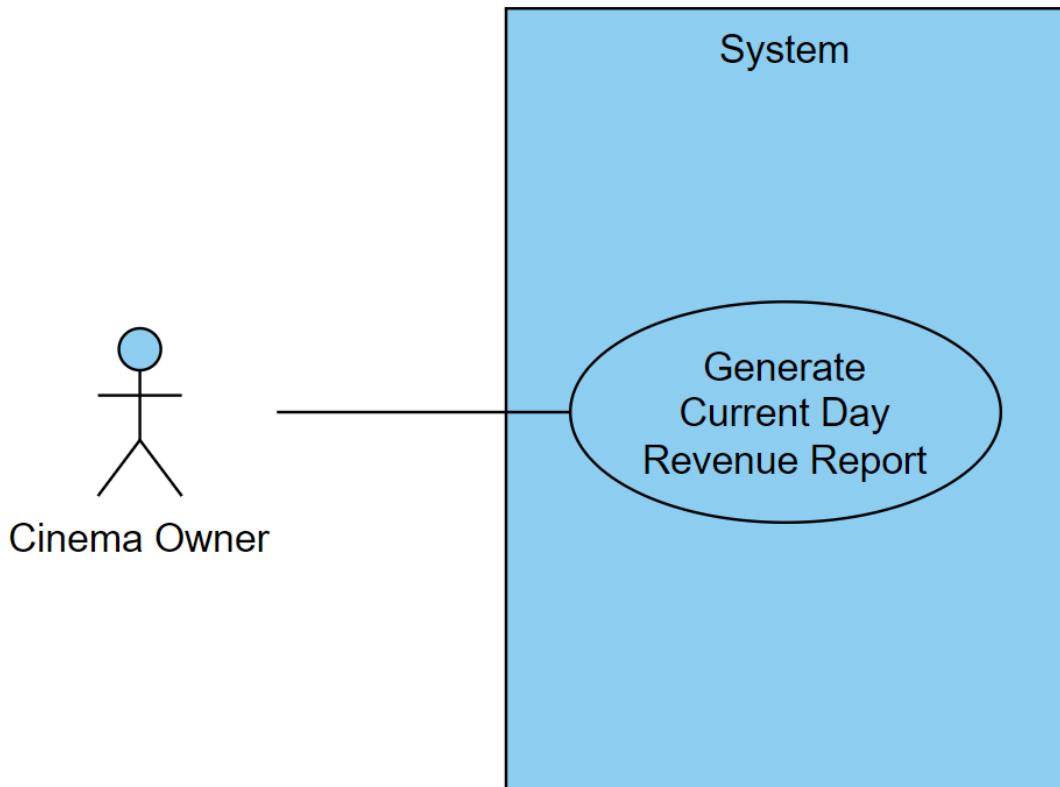
USER STORY	NEW	IN PROGRESS	READY FOR TEST	CLOSED	NEEDS INFO
#37 Cinema Manager-Logout	NEW			#148 Draw Use Case #155 Conduct Testing #178 Do Use Case Description #149 Draw BCE Class Diagram #151 Draw BCE Sequence Diagram #152 Draw Wireframe #154 Do Frontend Coding #153 Do Backend Coding	#150

Cinema Owner - Generate Current Day Revenue Report

#40 User Story

As a Cinema Owner, I would like to generate the current day revenue report so that I can view the current day revenue.

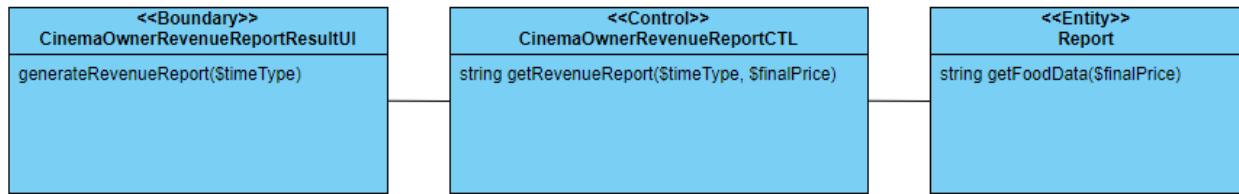
#495 Use Case Diagram



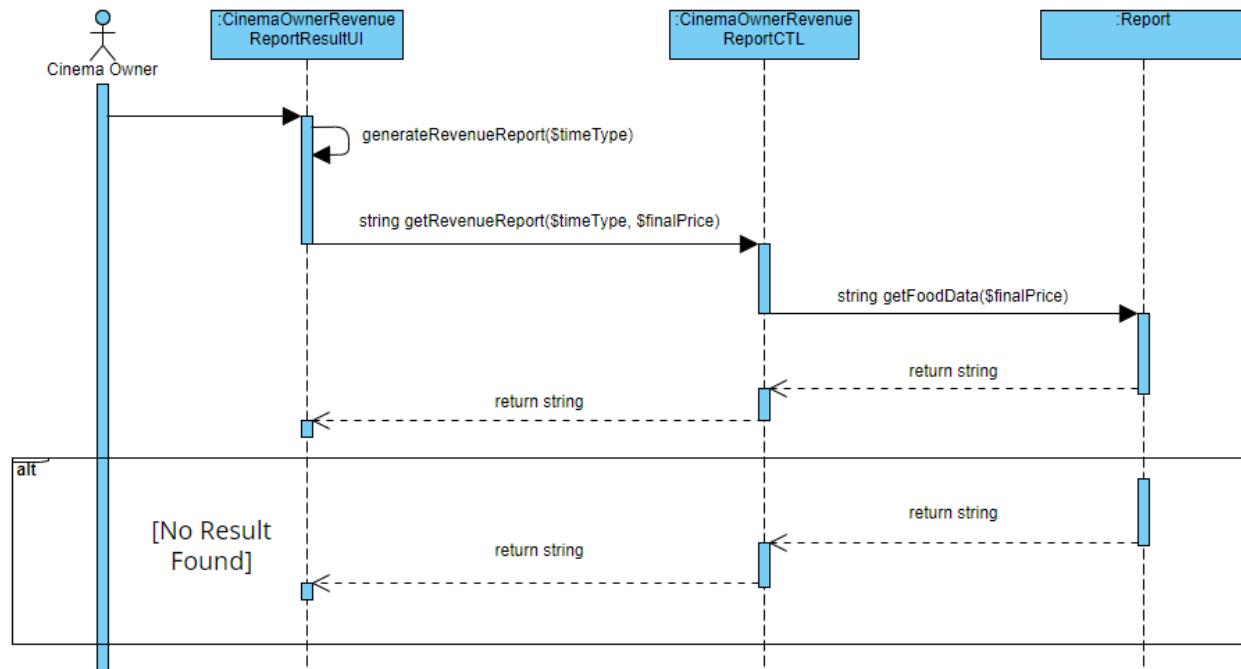
#496 Use Case Description

Name : Cinema Owner - Generate Current Day Revenue Report	ID: #496
Stakeholders and goals : Cinema Owner- Want to be able to Generate Current Day Revenue Report	
Description : Cinema Owner - Want to Generate Current Day Revenue Report to view the cinema revenue for the day.	
Actors : Cinema Owner	
Precondition: Cinema Owner is on Cinema Owner Revenue Report Select UI Page	
Trigger : Cinema Owner selects Current Day for Time Duration and clicks on Generate Revenue Report button	
Normal flow: <ol style="list-style-type: none">1. The System retrieves the data and displays the Current Day Revenue Report2. End	
Sub-flows : None	
Alternative/Exceptional flows: <ol style="list-style-type: none">1a. No Result Found: The System will display a message to prompt the Cinema Owner	

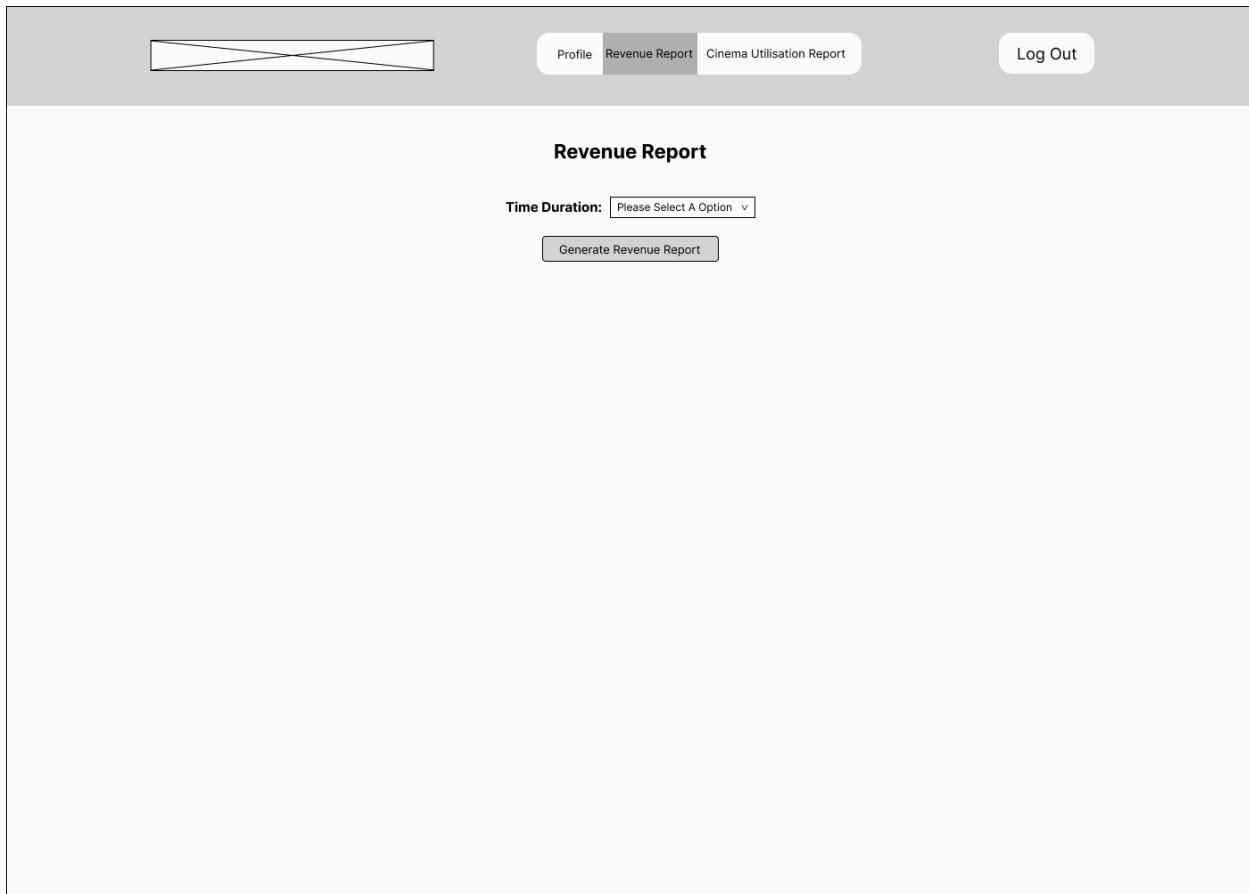
#497 BCE Class Diagram



#498 BCE Sequence Diagram



#499 Wireframe



The wireframe shows a top navigation bar with a logo containing a large 'X' icon, and menu items for Profile, Revenue Report (which is highlighted in grey), Cinema Utilisation Report, and Log Out.

The main content area is titled "Revenue Report". It includes a dropdown menu labeled "Time Duration: Please Select A Option" and a button labeled "Generate Revenue Report".



[Profile](#)
[Revenue Report](#)
[Cinema Utilisation Report](#)
Log Out

Current Day Revenue Report

Items Purchased	Item Price (\$)	Quantity	Total (\$)
Food And Drinks Name	10	2	20
Food And Drinks Name1	5	2	10
Food And Drinks Name2	15	2	30
		Net Revenue (\$)	60

#502 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-502				
Test Case Description :	Cinema Owner - Generate Current Day Revenue Report				
Pre-Condition :	User is logged in				
Test Data File :	<pre>foodanddrink_sql.txt moviehall_sql.txt moviesession_sql.txt foodandDrinksTransactions_sql.txt seats_sql.txt ticket_sql.txt tickettype_sql.txt userAccount_sql.txt userProfile_sql.txt</pre>				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-502-1	Select option to access function to generate Revenue Report	-	Report Generator interface for Revenue is displayed on the screen	A form to select report generation for the different time durations.	Pass
TC-502-2	Select (dropdown menu) to generate <u>current day</u> report	Time Duration = "Current Day"	Report of current day Revenue is displayed	A table consisting daily revenue of the cinema is displayed	Pass

Taiga

SIM2023Q2-BrainDead

Sprint 2 19 Apr 2023 to 26 Apr 2023

Scrum Backlog Issues

Filters subject or reference ZOOM: Default

USER STORY	NEW	IN PROGRESS	READY FOR TEST	CLOSED	NEEDS INFO
#40 Cinema Owner-Generate Current Day Revenue Report N/E	NEW			#495 Draw Use Case Diagram #497 Draw BCE Class Diagram #500 Do Backend Coding #498 Draw BCE Sequence Diagram #496 Do Use Case Description #502 Conduct Testing #499 Draw Wireframe #501 Do Frontend Coding	

Search wiki Team

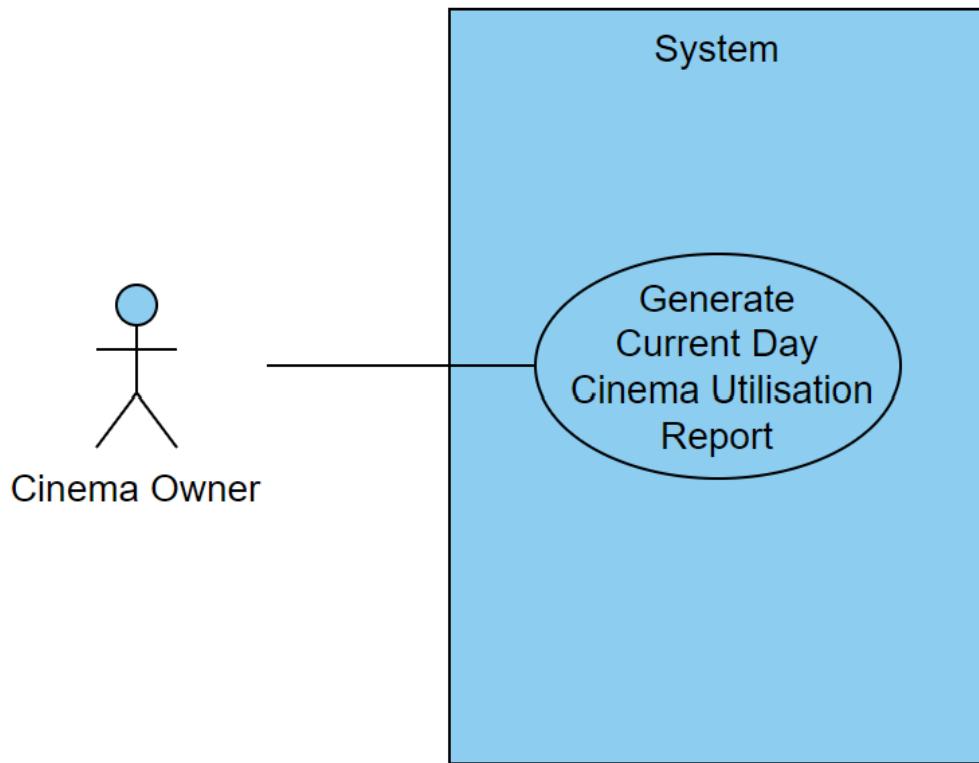
collapse menu

Cinema Owner - Generate Current Day Cinema Utilisation Report

#43 User Story

As a Cinema Owner, I would like to generate the current day cinema utilisation report so that I can view current day cinema utilisation.

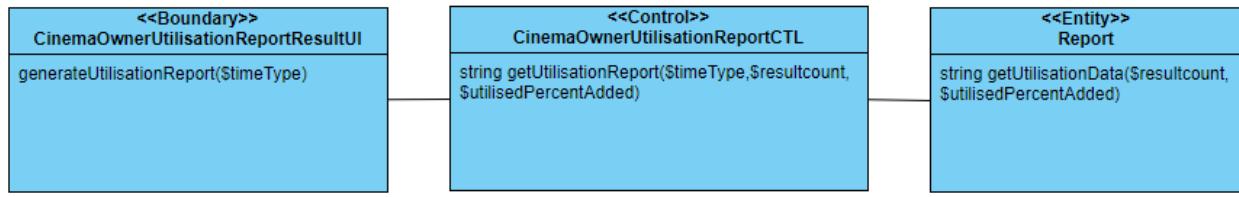
#503 Use Case Diagram



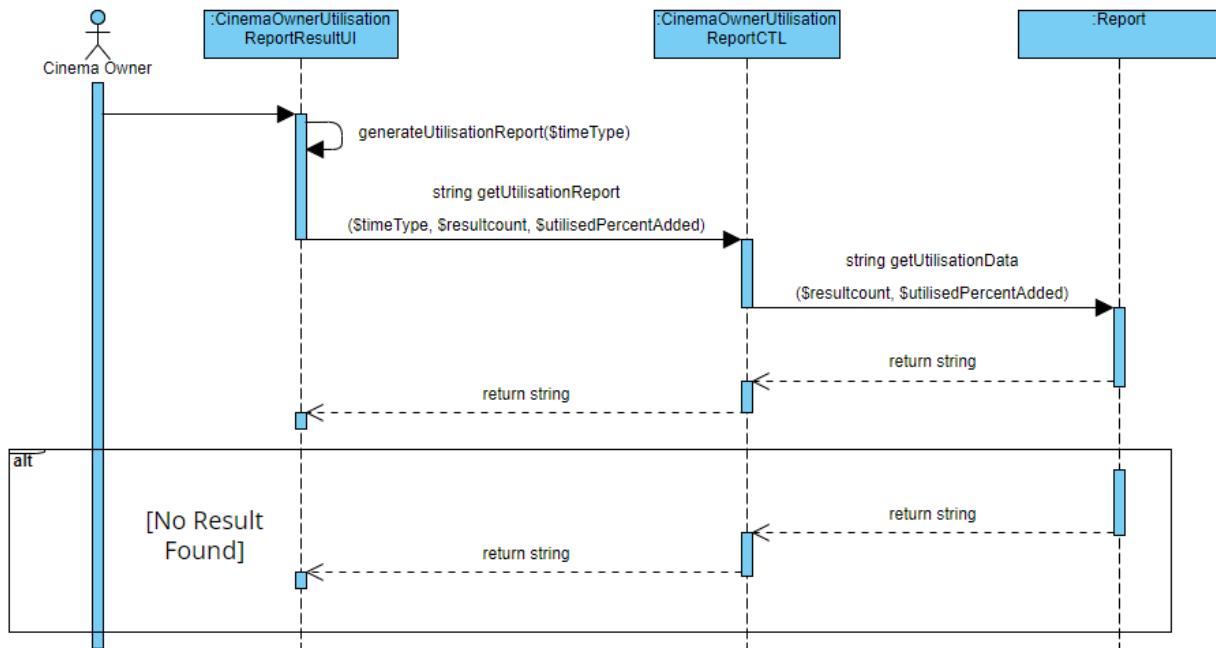
#504 Use Case Description

Name : Cinema Owner - Generate Current Day Cinema Utilisation Report	ID: #504
Stakeholders and goals : Cinema Owner - Want to be able to Generate Current Day Cinema Utilisation Report	
Description : Cinema Owner- Want to Generate Current Day Cinema Utilisation Report to view the cinema utilisation for the current day.	
Actors : Cinema Owner	
Precondition: Cinema Owner is on Cinema Owner Utilisation Select UI page	
Trigger : Cinema Owner selects Current Day for Time Duration and clicks on Generate Utilisation Report button	
Normal flow: <ol style="list-style-type: none">1. The System retrieves the data and displays Current Day Cinema Utilisation Report.2. End	
Sub-flows : None	
Alternative/Exceptional flows: 1a. No Result Found: The System will display an error message to prompt the Cinema Owner	

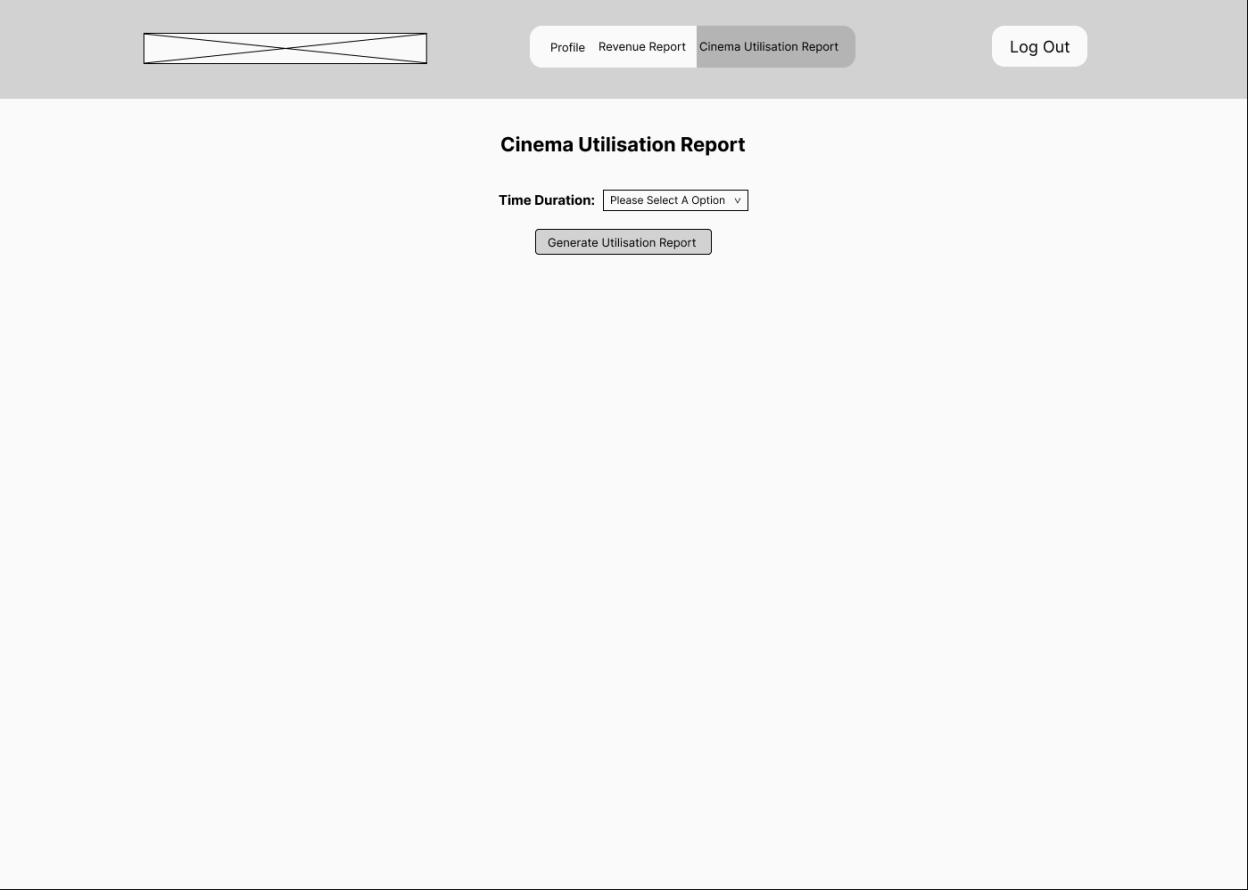
#505 BCE Class Diagram



#506 BCE Sequence Diagram



#507 Wireframe



The wireframe shows a user interface for a cinema utilization report. At the top, there is a navigation bar with a logo consisting of two overlapping triangles, three menu items ('Profile', 'Revenue Report', and 'Cinema Utilisation Report'), and a 'Log Out' button. The main content area is titled 'Cinema Utilisation Report'. It contains a dropdown menu labeled 'Time Duration' with the placeholder 'Please Select A Option'. Below the dropdown is a button labeled 'Generate Utilisation Report'.

Profile Revenue Report Cinema Utilisation Report

Log Out

Cinema Utilisation Report

Time Duration: Please Select A Option ▾

Generate Utilisation Report

Hall Number	Movie Name	Screening Time	Hall Utilisation Report
1	A Movie name	2023-3-17 10:10:00	100
2	A Movie Name	2023-3-17 10:10:00	100
3	A Movie Name	2023-3-17 10:10:00	100
		Average Utilisation (%)	100

#510 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-510				
Test Case Description :	Cinema Owner - Generate Cinema Utilisation Report				
Pre-Condition :	User is logged in				
Test Data File :	foodanddrink_sql.txt moviehall_sql.txt moviesession_sql.txt foodandDrinksTransactions_sql.txt seats_sql.txt ticket_sql.txt tickettype_sql.txt userAccount_sql.txt userProfile_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-510-1	Select option to access function to generate Cinema Utilisation Report	-	Report Generator interface for Cinema Utilisation is displayed on the screen	A form to select report generation for the different time durations.	Pass
TC-510-2	Select (dropdown menu) to generate <u>current day</u> report	Time Duration = "Current Day"	Report of current day Cinema Utilisation is displayed	A table Utilisation daily cinema utilization is displayed	Pass

Taiga

The screenshot shows a Taiga Scrum board for Sprint 2, which ran from April 19 to April 26, 2023. The board has five columns: NEW, IN PROGRESS, READY FOR TEST, CLOSED, and NEEDS INFO. A user story titled "#43 Cinema Owner-Generate Current Day Cinema Utilisation Report" is currently in the NEW column. The IN PROGRESS column contains a list of tasks, each with a small profile icon and a link:

- #503 Draw Use Case Diagram
- #505 Draw BCE Class Diagram
- #510 Conduct Testing
- #506 Draw BCE Sequence Diagram
- #508 Do Backend Coding
- #504 Do Use Case Description
- #509 Do Frontend Coding
- #507 Draw Wireframe

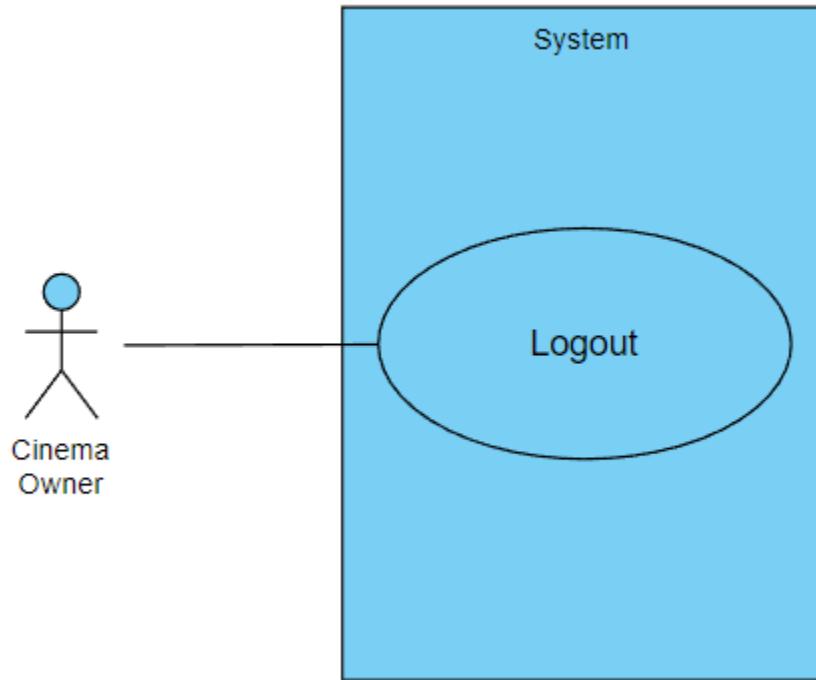
The sidebar on the left includes links for SIM2023Q2-BrainDead, Scrum, Backlog, Issues, Search, Wiki, and Team. The bottom left corner features a "collapse menu" button.

Cinema Owner - Logout

#46 User Story

As a Cinema Owner, I want to log out so that I can end my session.

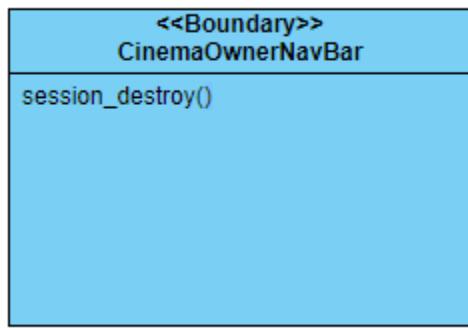
#130 Use Case Diagram



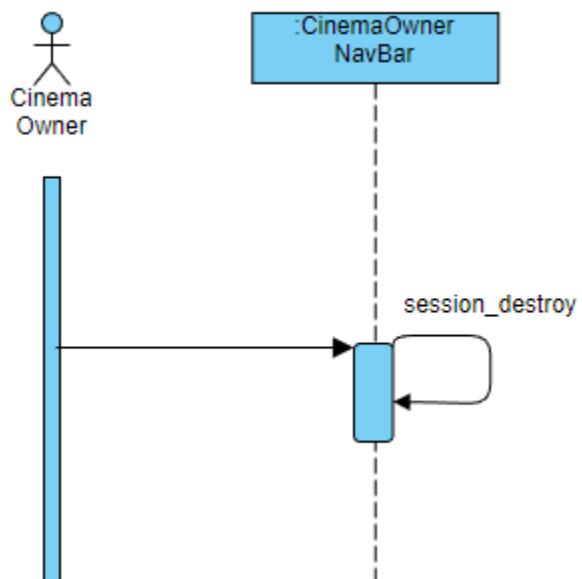
#180 Use Case Description

Name : Cinema Owner - Logout	ID: #180
Stakeholders and goals : Cinema Owner - wants to logout	
Description : Cinema Owner wants to logout of the system	
Actors : Cinema Owner	
Precondition: Cinema Owner is logged in	
Trigger : Cinema Owner clicks on the Logout button on Cinema Owner Nav Bar	
Normal flow: <ol style="list-style-type: none">1. The System logs the Cinema Owner out.2. End	
Sub-flows : None	
Alternative/Exceptional flows: None	

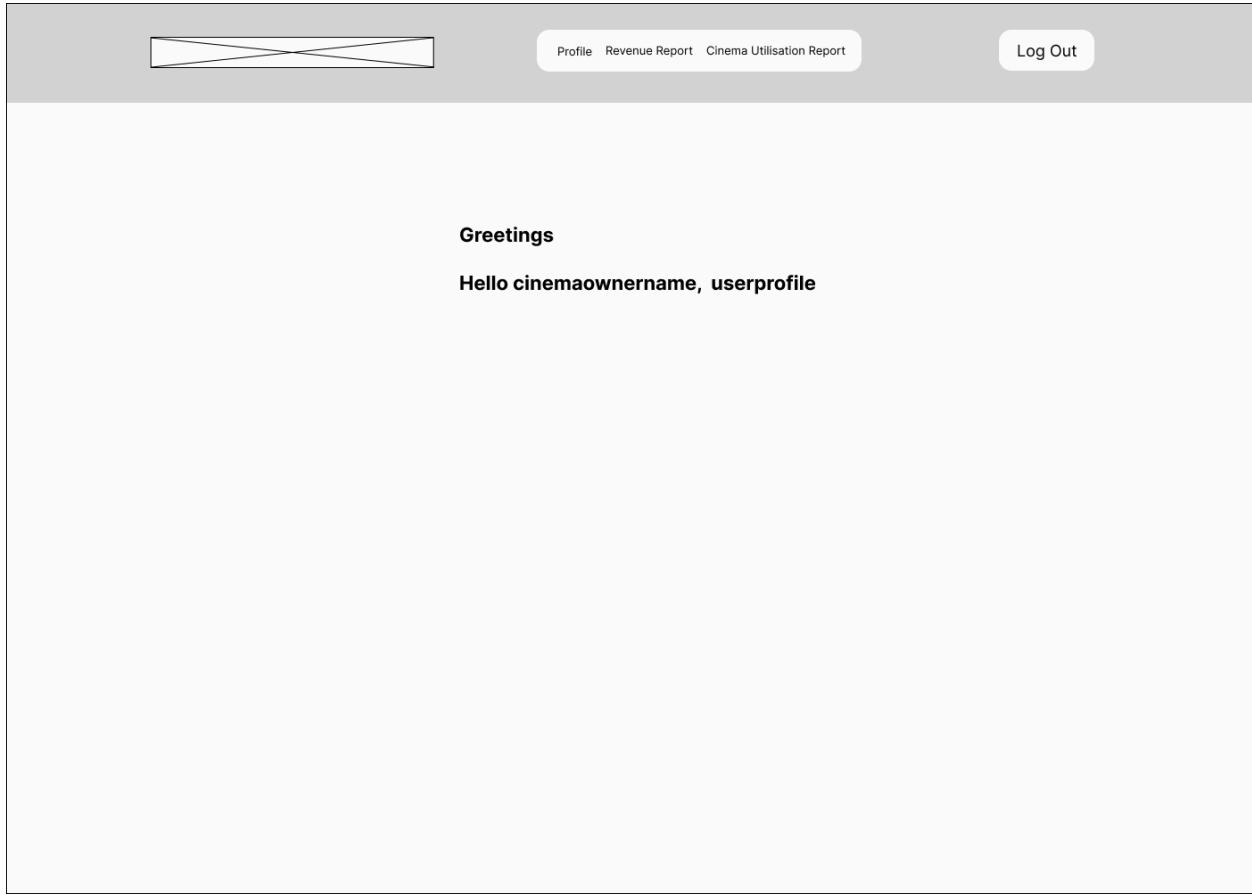
#131 BCE Class Diagram



#133 BCE Sequence Diagram



Cinema Owner Logon Page UI



#134 Wireframe

Welcome to Braindead Movies !

Username:

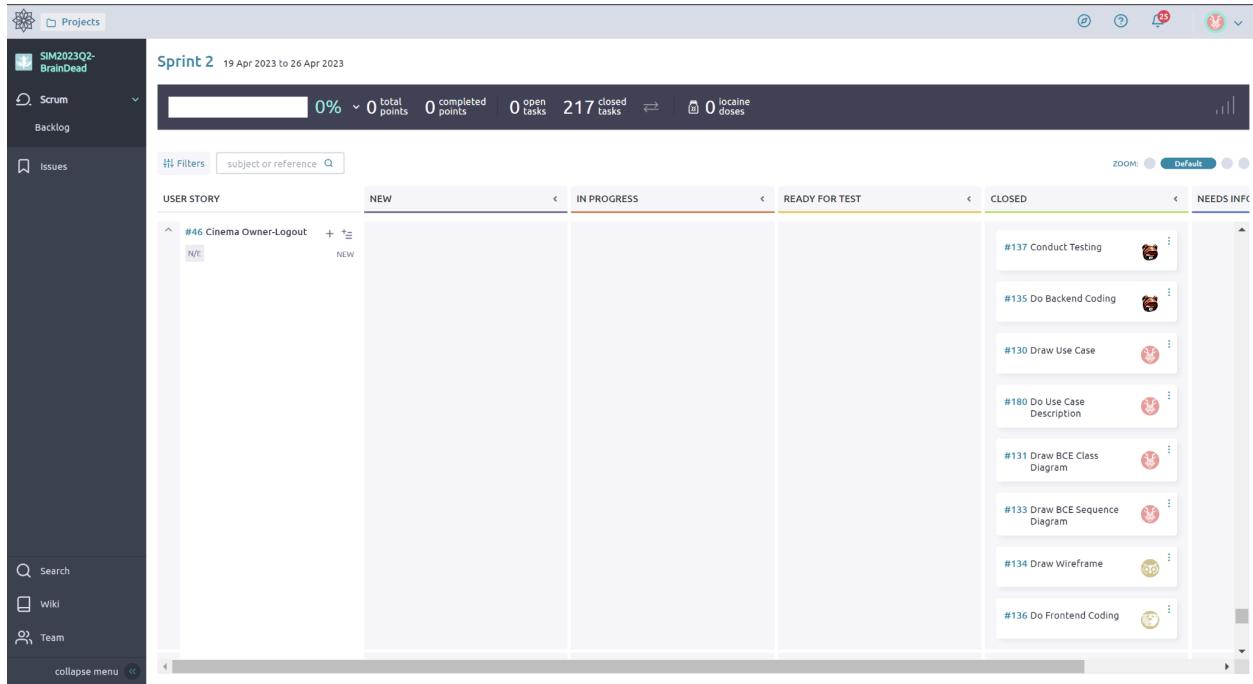
Password:

New? Sign up here → [Sign Up](#)

#137 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-137				
Test Case Description :	Cinema Owner - Logout				
Pre-Condition :	User is logged in				
Test Data File :	-				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-137-1	Click on Log Out button	-	User is logged out and redirected back to Log In page	User is logged out and redirected back to Log In page	Pass

Taiga



The screenshot shows a Taiga Scrum board for the 'SIM2023Q2-BrainDead' project. The board is set up for 'Sprint 2' from April 19 to April 26, 2023. The backlog is organized into columns: NEW, IN PROGRESS, READY FOR TEST, CLOSED, and NEEDS INFO. A user story titled '#46 Cinema Owner-Logout' is currently in the IN PROGRESS column. Below it, a list of tasks is shown:

Task ID	Description	Icon
#137	Conduct Testing	bug
#135	Do Backend Coding	code
#130	Draw Use Case	usecase
#180	Do Use Case Description	usecase
#131	Draw BCE Class Diagram	classdiagram
#133	Draw BCE Sequence Diagram	sequencediagram
#134	Draw Wireframe	wireframe
#136	Do Frontend Coding	code

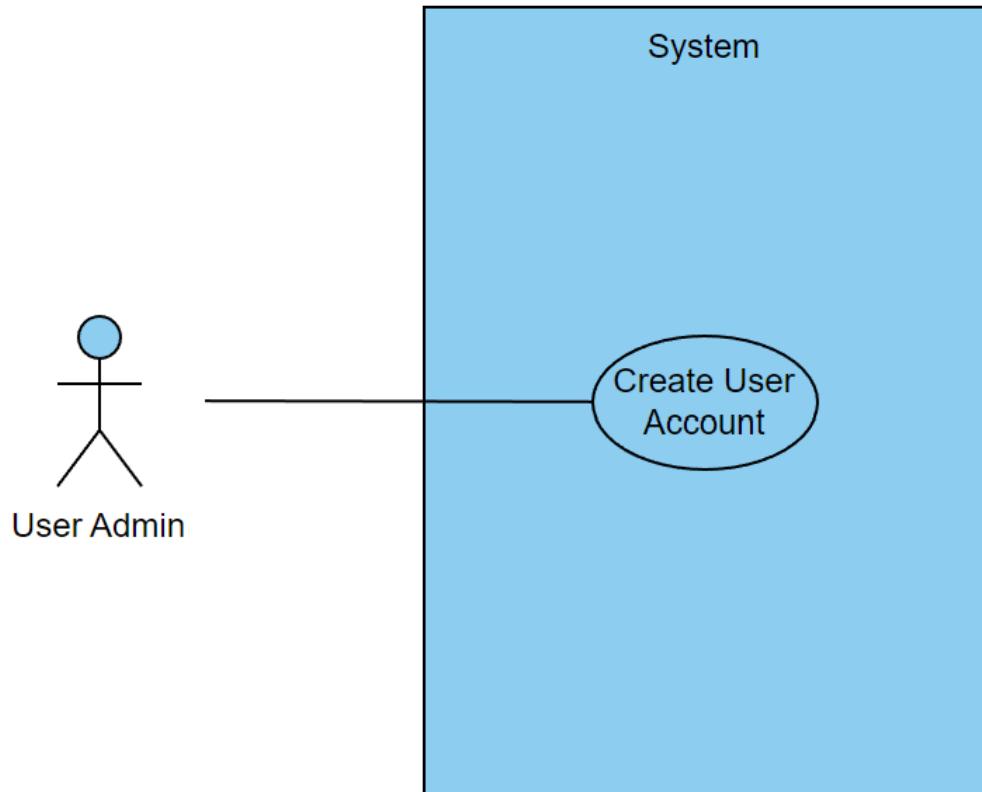
The sidebar on the left includes links for Projects, SIM2023Q2-BrainDead, Scrum, Backlog, Issues, Search, Wiki, and Team. The bottom of the sidebar has a 'collapse menu' button.

User Admin - Create User Account

#49 User Story

As a User Admin, I want to be able to create a user account so that I can create new users.

#103 Use Case Diagram



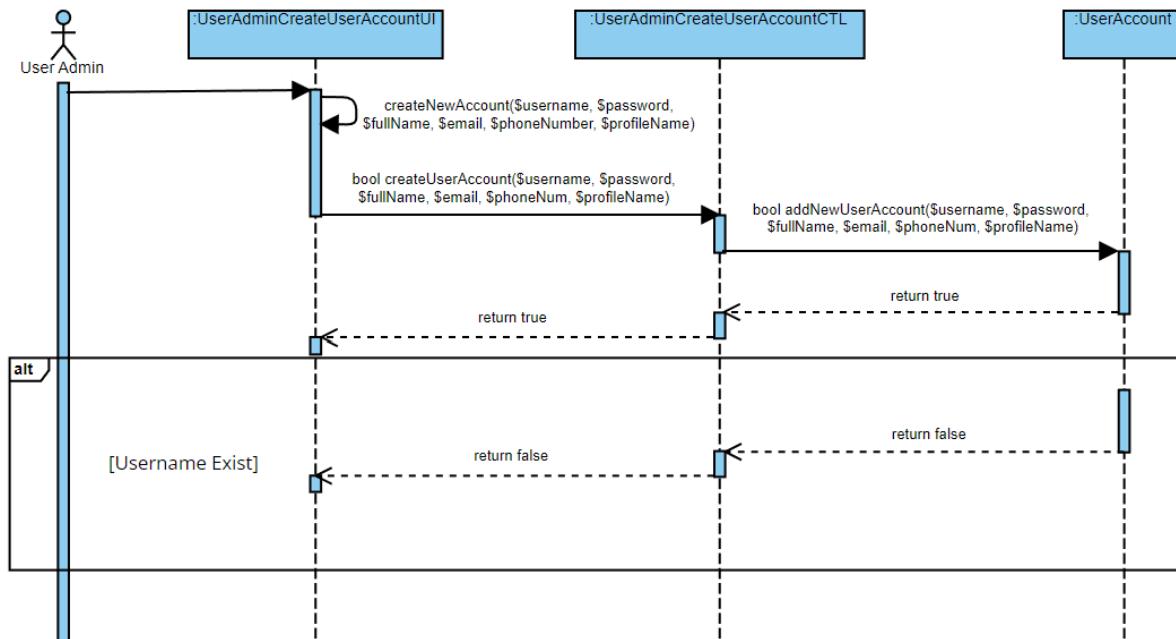
#183 Use Case Description

Name : User Admin - Create User Account	ID : #183
Stakeholders and goals : User Admin - Wants to be able to create a user account	
Description : User Admin wants to create a user account	
Actors : User Admin	
Pre-Condition: User Admin is on User Admin User Account page	
Trigger : User Admin clicks on Add User Account link	
Normal flow: <ol style="list-style-type: none">1. The System displays User Admin Create User Account UI page2. The User Admin selects user profile type, input username, password, full name, email, phone no. and clicks on Create New Account button3. The System validates the username that the User Admin entered and creates the user account in the database4. End	
Sub-flows : None	
Alternative/Exceptional flows: <p>3a. Username Exist: The System validates the username that the User Admin entered, if it already exists in the database, the system will prompt display that account cannot be created.</p>	

#104 BCE Class Diagram



#106 BCE Sequence Diagram



User Admin User Account UI Page



[Profile](#) [User Accounts](#) [User Profiles](#)

[Log Out](#)

User Account

Please select the User Account feature to begin !

- > Add User Account
- > View All Accounts
- > Search User Account

#107 Wireframe

The wireframe depicts a user interface for creating a new account. At the top, there is a navigation bar with three items: "Profile", "User Accounts" (which is highlighted in grey), and "User Profiles". To the right of the navigation is a "Log Out" button. Below the navigation bar, the main content area has a title "Add New User Account". Underneath the title is a dropdown menu labeled "I am creating a new: ▾". The form consists of several input fields: "Username" (text box), "Password" (text box), "Full Name" (text box), "Email" (text box), and "Phone No." (text box). At the bottom of the form is a "Create New Account" button.

Profile	User Accounts	User Profiles
Log Out		
Add New User Account		
<input type="button" value="I am creating a new: ▾"/>		
Username:	<input type="text"/>	
Password:	<input type="text"/>	
Full Name:	<input type="text"/>	
Email:	<input type="text"/>	
Phone No.:	<input type="text"/>	
<input type="button" value="Create New Account"/>		

#110 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-110				
Test Case Description :	User Admin - Create User Account				
Pre-Condition :	User is on UserAdminUserAccount UI page				
Test Data File :	userAccount_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-110-1	Select "Add User Account" to access User Account Creation menu	-	Interface for User Account creation will appear on	Form to create new user account is displayed.	Pass
TC-110-2	Enter details of current non-existing user account, and submit for account creation	Profile Type = "userAdmin" Username = "newUserAdmin" Password = "123" Full Name = "New User Admin" Email = "newadmin@gmail.com" Phone No = "12345678"	Message to display that account creation is successful. New account added to database.	"New Account Added !" is displayed upon successful account creation	Pass
TC-110-3	Enter details of current existing user account, and submit for account creation	Profile Type = "userAdmin" Username = "admin1" Password = "123" Full Name = "Existing User Admin" Email = "notnewadmin@gmail.com" Phone No = "12345678"	Message to appear on screen showing that account with given username already exist.	"Account Failed to be added. Account may already exist!" is displayed when creation failed due to existing account	Pass

Taiga

The screenshot shows the Taiga project management interface. On the left, there's a sidebar with links for Projects, Scrum (Backlog), Issues, Search, Wiki, and Team. The main area displays the 'Sprint 2' board from April 19 to April 26, 2023. The board has columns: NEW, IN PROGRESS, READY FOR TEST, CLOSED, and NEEDS INFO. A user story titled '#49 User Admin-Create User Account' is in the NEW column. In the IN PROGRESS column, there are several tasks listed under '#110 Conduct Testing'. The tasks include:

- #108 Do Backend Coding
- #109 Do Frontend Coding
- #106 Draw BCE Sequence Diagram
- #183 Do Use Case Description
- #104 Draw BCE Class Diagram
- #110 Conduct Testing
- #107 Draw Wireframe
- #103 Draw Use Case

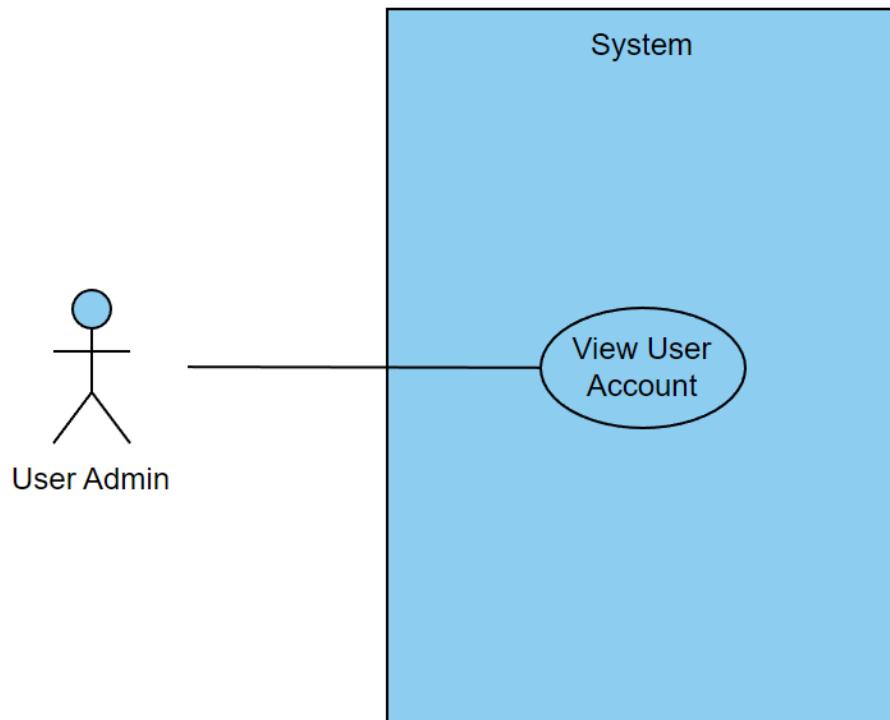
Each task has a small profile icon next to it. The overall status bar at the top indicates 0% completion with 0 total points and 0 completed points, and shows 0 open tasks, 217 closed tasks, and 0 cocaine doses.

User Admin - View User Account

#50 User Story

As a User Admin, I want to be able to view user account details so that I can have an overview of all user account details.

#220 Use Case Diagram



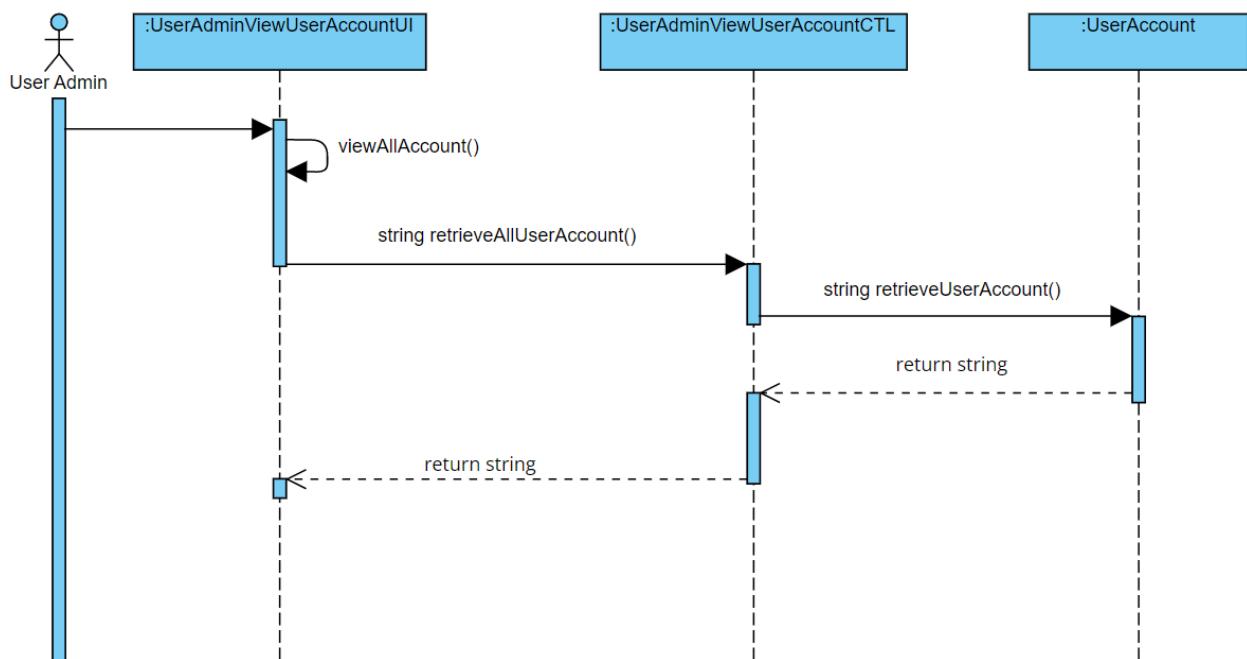
#221 Use Case Description

Name : User Admin-View User Account	ID: #221
Stakeholders and goals : User Admin- Wants to be able to View User Account	
Description : User Admin- Want to View User Account	
Actors : User Admin	
Precondition: User Admin is on User Admin User Account UI page	
Trigger : User Admin clicks on View All User Accounts link	
Normal flow: <ol style="list-style-type: none">1. The System retrieves and display user account data from the database2. End	
Sub-flows : None	
Alternative/Exceptional flows: None	

#222 BCE Class Diagram



#223 BCE Sequence Diagram



User Admin User Account UI Page



Profile User Accounts User Profiles Log Out

User Account

Please select the User Account feature to begin !

- > Add User Account
- > View All Accounts
- > Search User Account

#224 Wireframe

The wireframe shows a user interface for managing user accounts. At the top, there's a header bar with a logo, navigation links for Profile, User Accounts, and User Profiles, and a Log Out button. Below the header is a section titled "View All User Accounts". This section contains a table with four rows of data. Each row represents a user account with the following columns: User Name, Name, Email, Phone Number, Account Type, Is Suspended?, and two buttons: "Update" and "Suspend".

User Name	Name	Email	Phone Number	Account Type	Is Suspended?	Update	Suspend
Username	Name	email@email.com	81234567	customer	N	<button>Update</button>	<button>Suspend</button>
Username	Name	email@email.com	81234567	customer	N	<button>Update</button>	<button>Suspend</button>
Username	Name	email@email.com	81234567	customer	N	<button>Update</button>	<button>Suspend</button>
Username	Name	email@email.com	81234567	customer	N	<button>Update</button>	<button>Suspend</button>

#228 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-228				
Test Case Description :	User Admin - View User Account				
Pre-Condition :	User is on UserAdminUserAccounts UI page				
Test Data File :	userAccount_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-228-1	Selects "View All Accounts" to view all available user accounts	-	All user accounts displays on the screen	A table consisting of all existing user accounts is displayed.	Pass

Taiga

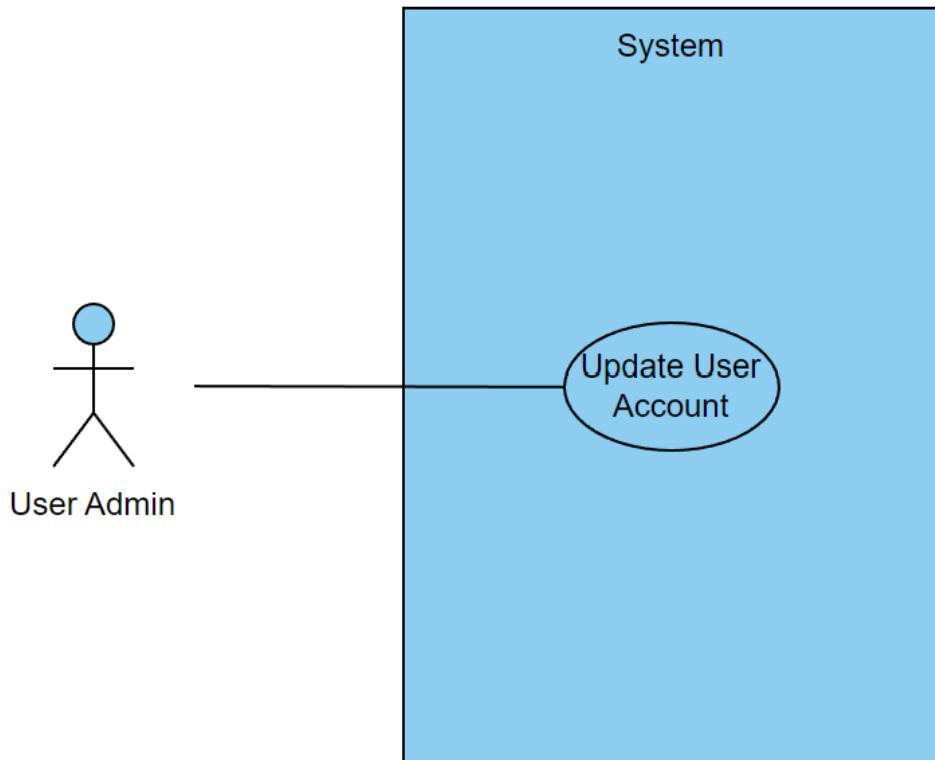
The screenshot shows a Taiga Scrum board for the 'SIM2023Q2-BrainDead' project. The board is titled 'Sprint 2' (19 Apr 2023 to 26 Apr 2023). The backlog is set to 'Scrum' and the current view is 'Issues'. The board has five columns: NEW, IN PROGRESS, READY FOR TEST, CLOSED, and NEEDS INFO. A user story titled '#50 User Admin-View User Account' is in the NEW column. Below it, a task titled 'N/E' is also in the NEW column. In the IN PROGRESS column, there are eight tasks listed under the user story: #226 Do Backend Coding, #227 Do Frontend Coding, #228 Conduct Testing, #224 Draw Wireframe, #223 Draw BCE Sequence Diagram, #222 Draw BCE Class Diagram, #220 Draw Use Case Diagram, and #221 Do Use Case Description. The tasks are accompanied by small profile icons.

User Admin - Update User Account

#51 User Story

As a User Admin, I want to update user account so that I can edit user account details

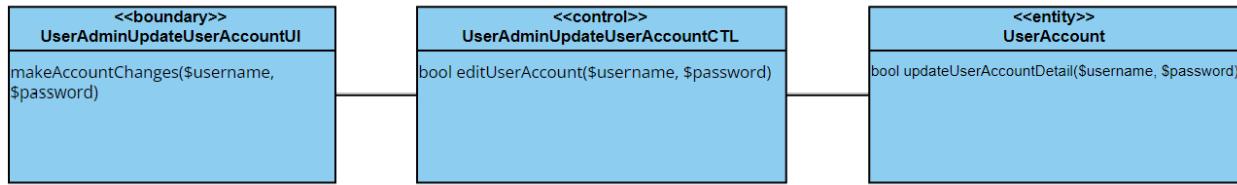
#229 Use Case Diagram



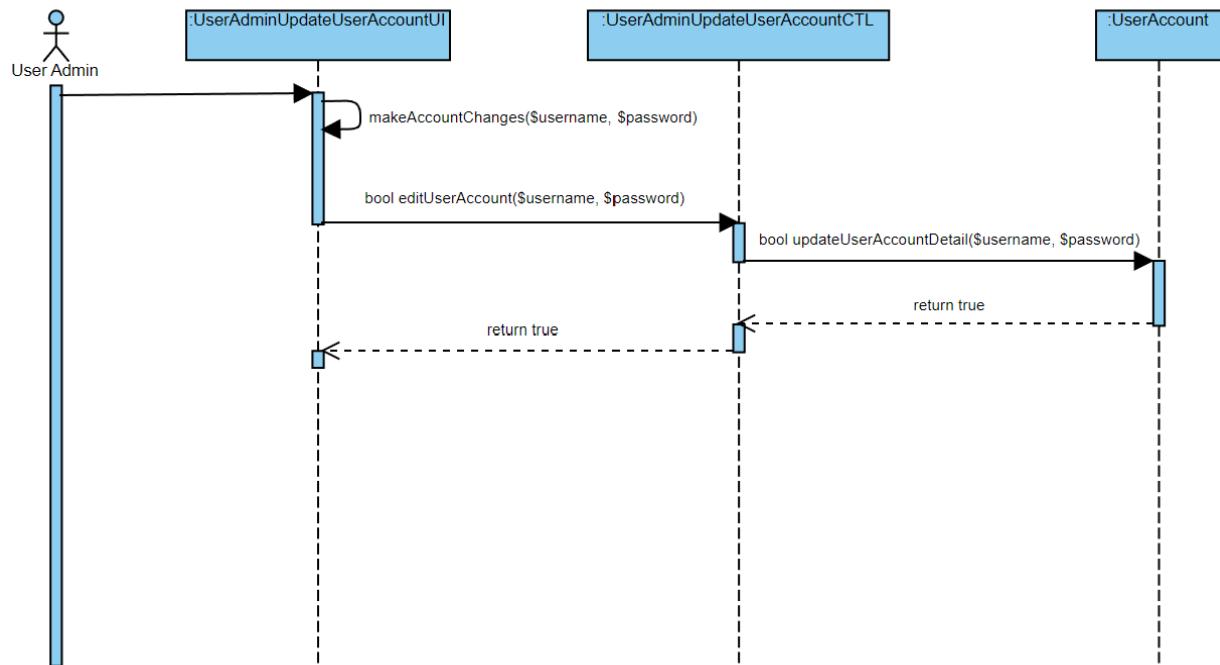
#230 Use Case Description

Name : User Admin - Update User Account	ID : #230
Stakeholders and goals : User Admin - Wants to be able to update a user account	
Description : User Admin - Wants to update a user account	
Actors : User Admin	
Precondition : User Admin is on User Admin View User Account UI page	
Trigger : User Admin chooses the User Account to update and clicks the Update button for that respective user account.	
Normal flow: <ol style="list-style-type: none">1. The System displays the User Admin Update User Account UI page for selected user account2. The User Admin input new password and click on Confirm Change button3. The system updates the user account in the database4. End	
Sub-flows : None	
Alternative/Exceptional flows: None	

#231 BCE Class Diagram



#232 BCE Sequence Diagram



User Admin View User Account UI Page



- Profile
- User Accounts
- User Profiles

[Log Out](#)

View All User Accounts

USER NAME	NAME	EMAIL	PHONE NUMBER	ACCOUNT TYPE	IS SUSPENDED?	Actions
Username	Name	email@email.com	81234567	customer	N	Update Suspend
Username	Name	email@email.com	81234567	customer	N	Update Suspend
Username	Name	email@email.com	81234567	customer	N	Update Suspend
Username	Name	email@email.com	81234567	customer	N	Update Suspend

#233 Wireframe

Update User Accounts

USER NAME	NAME	EMAIL	PHONE NUMBER	ACCOUNT TYPE	PASSWORD
Username	Name	email@email.com	81234567	customer	123

#237 Conduct Testing

Project Name :	BrainDead					
Test CaseID :	TC-237					
Test Case Description :	User Admin - Update User Account					
Pre-Condition :	User is on UserAdminViewUserAccounts UI page					
Test Data File :	userAccount_sql.txt					
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail	Remarks
TC-237-1	Selects "Update" for a specific user account	Account to be updated = "cx1"	Update account interface is displayed	Update account form is displayed with all prefilled account info	Pass	
TC-237-2	Enter new data to update selected user account	password = "1234567890"	Update account form displays with all prefilled account info	"Account Updated!" is displayed upon successful account update	Pass	Only password can be updated

Taiga

The screenshot shows a Taiga Scrum board for the 'SIM2023Q2-BrainDead' project. The board is titled 'Sprint 2' (19 Apr 2023 to 26 Apr 2023). The columns represent the sprint cycle: NEW, IN PROGRESS, READY FOR TEST, CLOSED, and NEEDS INFO.

IN PROGRESS Column:

- #51 User Admin-Update User Account (Status: NEW)

CLOSED Column:

- #235 Do Backend Coding
- #237 Conduct Testing
- #230 Do Use Case Description
- #236 Do Frontend Coding
- #231 Draw BCE Class Diagram
- #233 Draw Wireframe
- #232 Draw BCE Sequence Diagram
- #229 Draw Use Case Diagram

NEEDS INFO Column:

- (Empty)

Left Sidebar:

- Scrum (selected)
- Backlog
- Issues
- Search
- Wiki
- Team

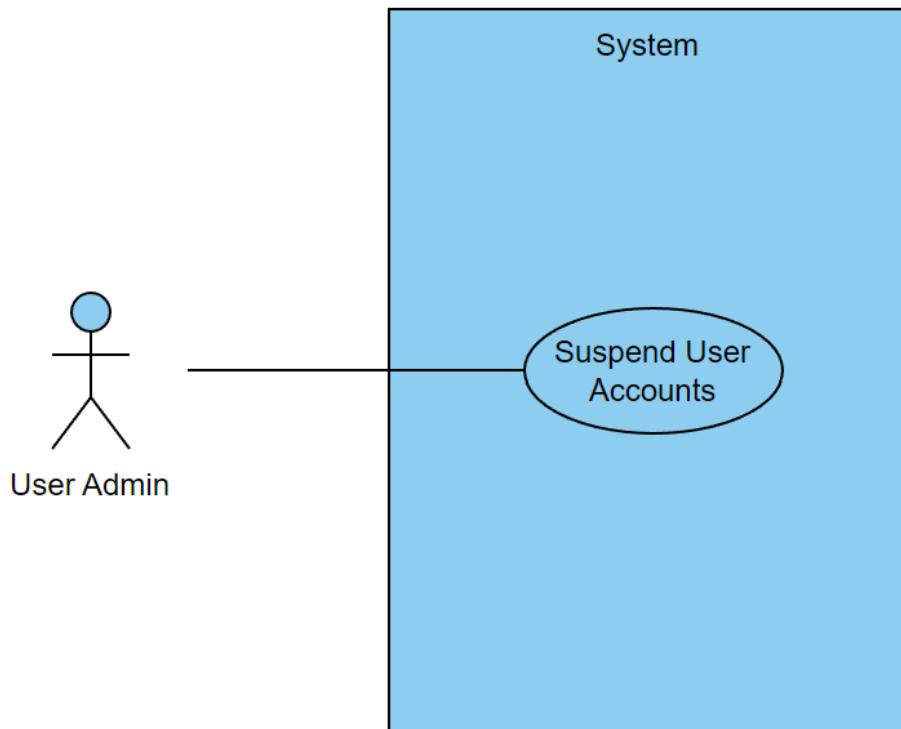
Bottom Left: collapse menu

User Admin - Suspend User Accounts

#52 User Story

As a User Admin, I want to be able to suspend user accounts so that I can suspend any user accounts belonging to inactive users.

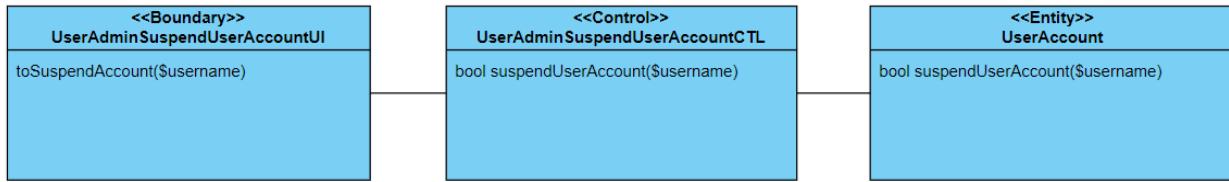
#238 Use Case Diagram



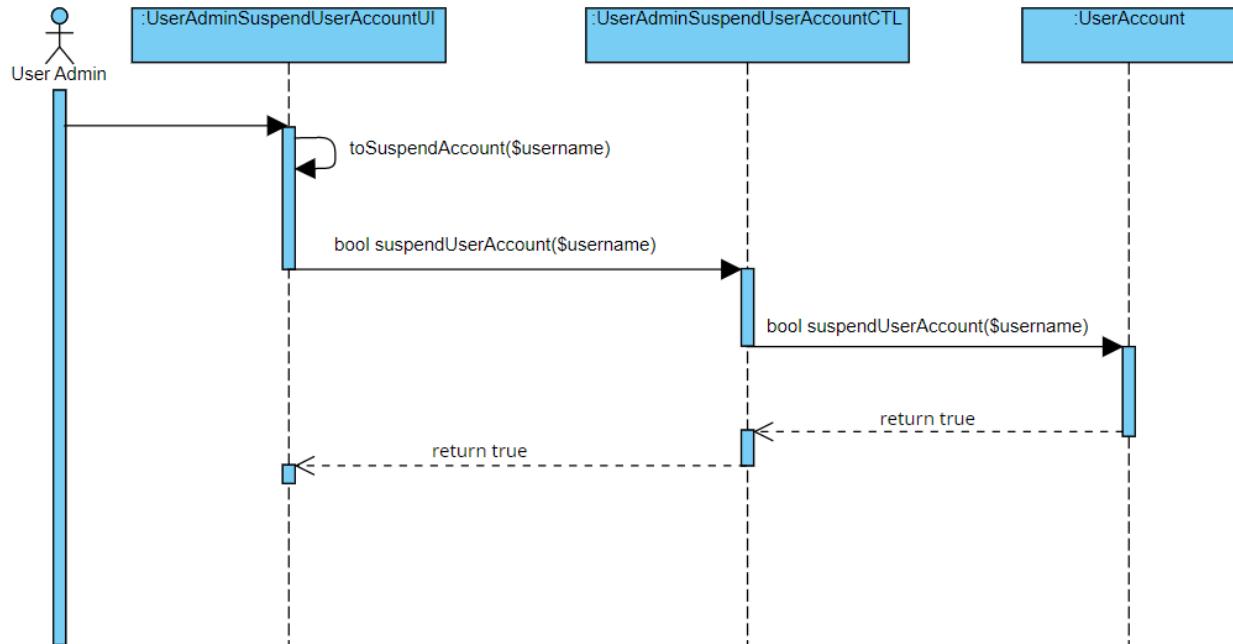
#239 Use Case Description

Name : User Admin - Suspend User Accounts	ID : #239
Stakeholders and goals : User Admin - Wants to be able to Suspend User Accounts	
Description : User Admin - Wants to Suspend User Accounts	
Actors : User Admin	
Precondition: User Admin is on User Admin View User Account UI page	
Trigger : User Admin chooses the User Account to suspend and clicks the Suspend button for that respective user account.	
Normal flow: <ol style="list-style-type: none">1. The System updates the selected user account suspend status in the database2. End	
Sub-flows : None	
Alternative/Exceptional flows: None	

#240 BCE Class Diagram



#241 BCE Sequence Diagram



#242 Wireframe



Profile User Accounts User Profiles

Log Out

View All User Accounts

USER NAME	NAME	EMAIL	PHONE NUMBER	ACCOUNT TYPE	IS SUSPENDED?		
Username	Name	email@email.com	81234567	customer	N	Update	Suspend
Username	Name	email@email.com	81234567	customer	N	Update	Suspend
Username	Name	email@email.com	81234567	customer	N	Update	Suspend
Username	Name	email@email.com	81234567	customer	N	Update	Suspend

#245 Conduct Testing

Project Name :	BrainDead					
Test CaseID :	TC-245					
Test Case Description :	User Admin - Suspend User Account					
Pre-Condition :	User is on UserAdminViewUserAccounts UI page					
Test Data File :	userAccount_sql.txt					
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail	Remarks
TC-245-1	Selects "Suspend" for a specific account	Account to be suspended = "cx1"	Message to display that account is successfully suspended	"SUCCESS: Account suspended!" when account is successfully suspended	Pass	Suspended account does not have the function to suspend again.

Taiga

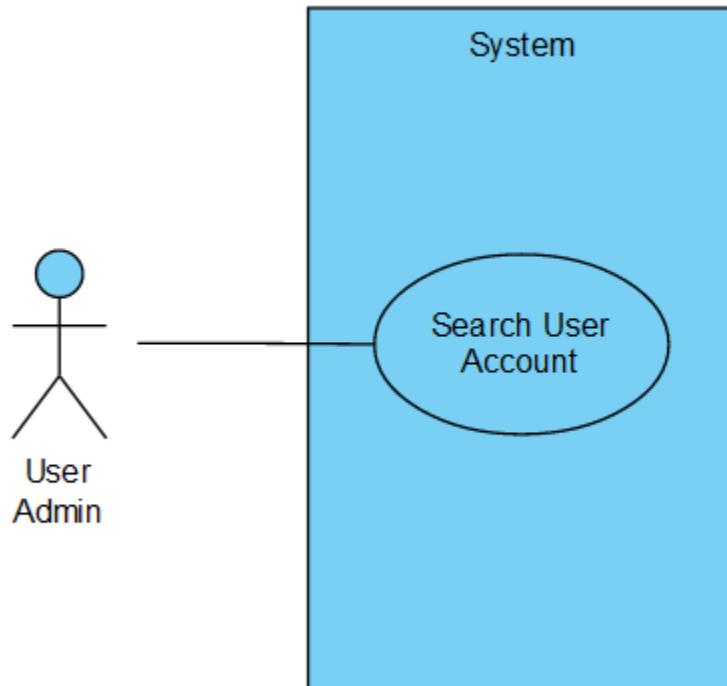
The screenshot shows the Taiga project management interface. On the left, there's a sidebar with 'Projects' (SIM2023Q2-BrainDead), 'Scrum' (Backlog), and 'Issues'. The main area displays 'Sprint 2' from April 19 to April 26, 2023. The backlog board has columns: NEW, IN PROGRESS, READY FOR TEST, CLOSED, and NEEDS INFO. A user story titled '#52 User Admin-Suspend User Accounts' is in the NEW column. In the IN PROGRESS column, there are several tasks listed under '#245 Conduct Testing', each with a progress bar and a small profile icon. The tasks include drawing use case diagrams, doing frontend coding, drawing wireframes, doing backend coding, drawing BCE sequence diagrams, and drawing BCE class diagrams. The 'IN PROGRESS' column is highlighted in orange.

User Admin - Search User Account

#53 User Story

As a User Admin, I want to search user account so that I can view user account details.

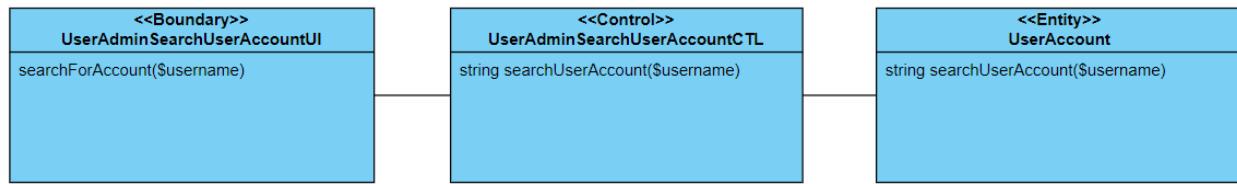
#193 Use Case Diagram



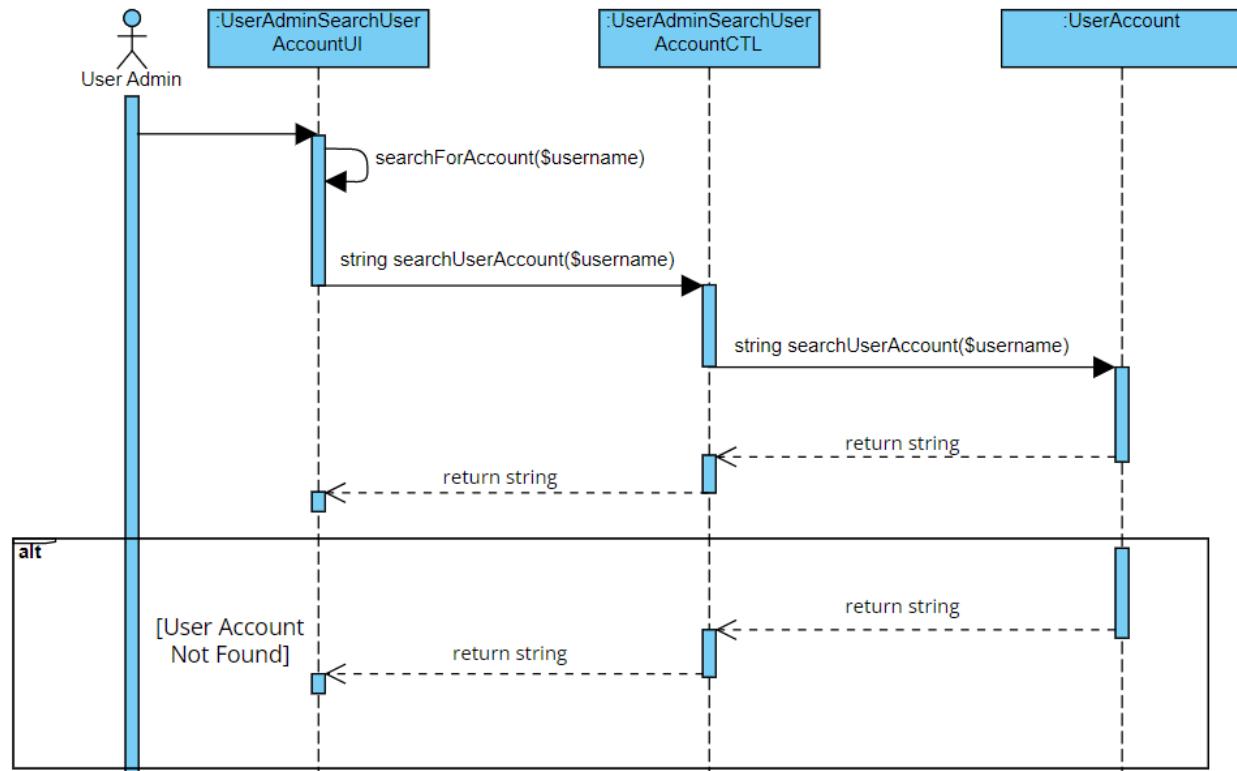
#194 Use Case Description

Name : User Admin - Search User Account	ID : #194
Stakeholders and goals : User Admin - Wants to be able to Search User Account	
Description : User Admin - Wants to Search User Account	
Actors : User Admin	
Precondition: User Admin is on User Admin User Account UI Page	
Trigger : User Admin clicks on Search User Accounts link	
Normal flow: <ol style="list-style-type: none">1. The System displays User Admin Search User Account UI page2. The User Admin input username to search and clicks the Search button3. The System validates username, then retrieves and displays user account details from the database4. End	
Sub-flows : None	
Alternative/Exceptional flows: 3a User Account Not Found: The System will validate if the user account of username the User Admin enter exists, if it does not exist an error message will prompt to inform the User Admin.	

#195 BCE Class Diagram



#196 BCE Sequence Diagram



User Admin User Account UI Page



Profile User Accounts User Profiles Log Out

User Account

Please select the User Account feature to begin !

- > Add User Account
- > View All Accounts
- > Search User Account

#197 Wireframe

The wireframe illustrates a user interface for searching user accounts. It features a header with navigation links and a search bar, followed by a table displaying account details.

Header:

- Profile
- User Accounts (selected)
- User Profiles
- Log Out

Search User Accounts

Search for user:

Username Search

USER NAME	NAME	EMAIL	PHONE NUMBER	ACCOUNT TYPE	IS SUSPENDED?
Username	Name	email@email.com	81234567	customer	N

#201 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-201				
Test Case Description :	User Admin - Search User Account				
Pre-Condition :	User is on UserAdminUserAccounts UI page				
Test Data File :	userAccount_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-201-1	Select "Search User Account" to access search menu	-	Search interface is displayed	A form to search for User Account is displayed	Pass
TC-201-2	Enter search criteria on View Accounts page to search for <u>existing</u> account, and submit search	Username = "cx1"	Screen display account which username matches search criteria	User Account information for "cx1" is displayed	Pass
TC-201-2	Enter search criteria on View Accounts page to search for <u>non-existing</u> account, and submit search	Username = "ABCDE"	Screen display that no data is found	"No Account found" is displayed as no data is retrieved.	Pass

Taiga

The screenshot shows the Taiga project management interface. On the left, there's a sidebar with 'Projects' (SIM2023Q2-BrainDead), 'Scrum' (selected), and 'Backlog'. Below that are 'Issues' (selected), 'Search', 'wiki', and 'Team'. A 'collapse menu' button is at the bottom of the sidebar.

The main area displays 'Sprint 2' from 19 Apr 2023 to 26 Apr 2023. It shows 0% completion, 0 total points, 0 completed points, 0 open tasks, 217 closed tasks, and 0 locale doses. There are filters for 'subject or reference' and a search bar.

The backlog is organized into columns: USER STORY, NEW, IN PROGRESS, READY FOR TEST, CLOSED, and NEEDS INFO. A user story titled '#53 User Admin-Search User Account' is in the NEW column. In the NEEDS INFO column, several tasks are listed:

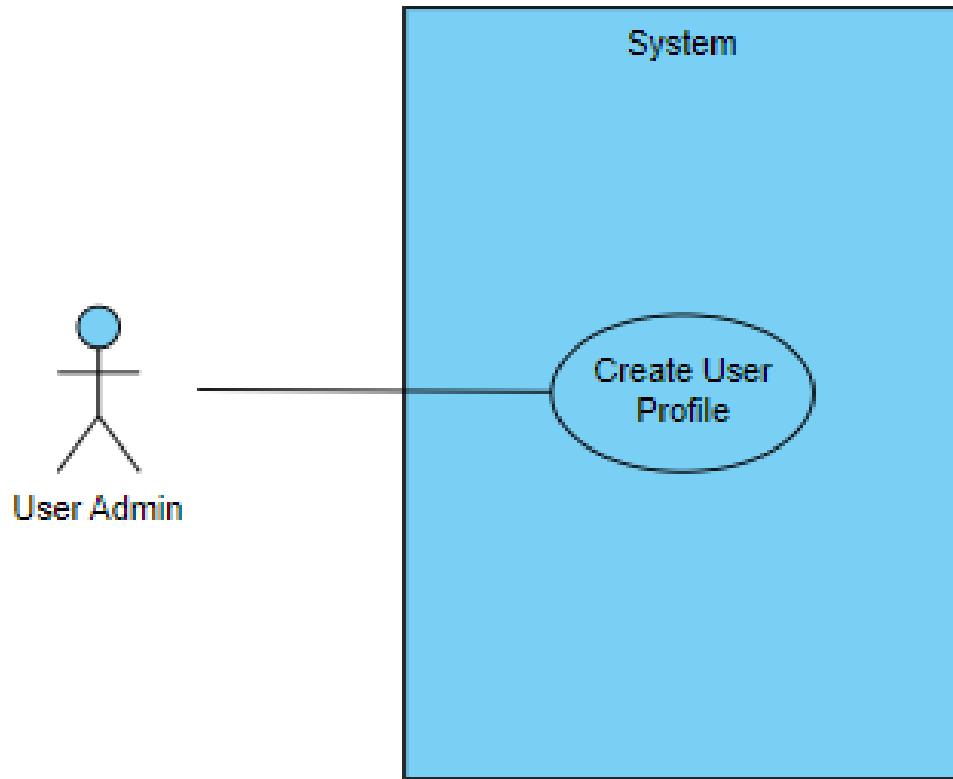
- #197 Draw Wireframe
- #201 Conduct Testing
- #196 Draw BCE Sequence Diagram
- #195 Draw BCE Class Diagram
- #200 Do Frontend Coding
- #194 Do Use Case Description
- #199 Do Backend Coding
- #193 Draw Use Case Diagram

User Admin - Create User Profiles

#54 User Story

As a User Admin, I want to be able to create new user profiles so that I can create new user profiles.

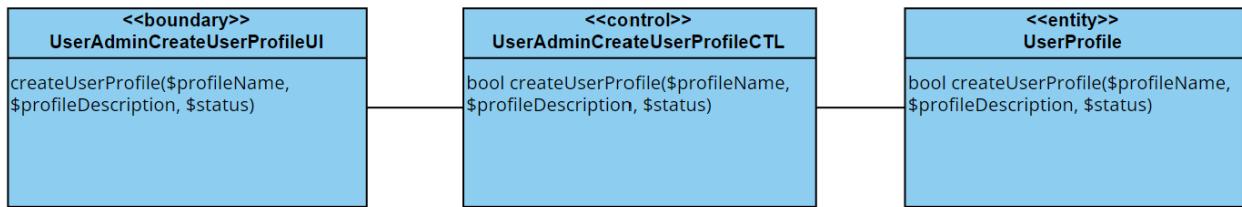
#94 Use Case Diagram



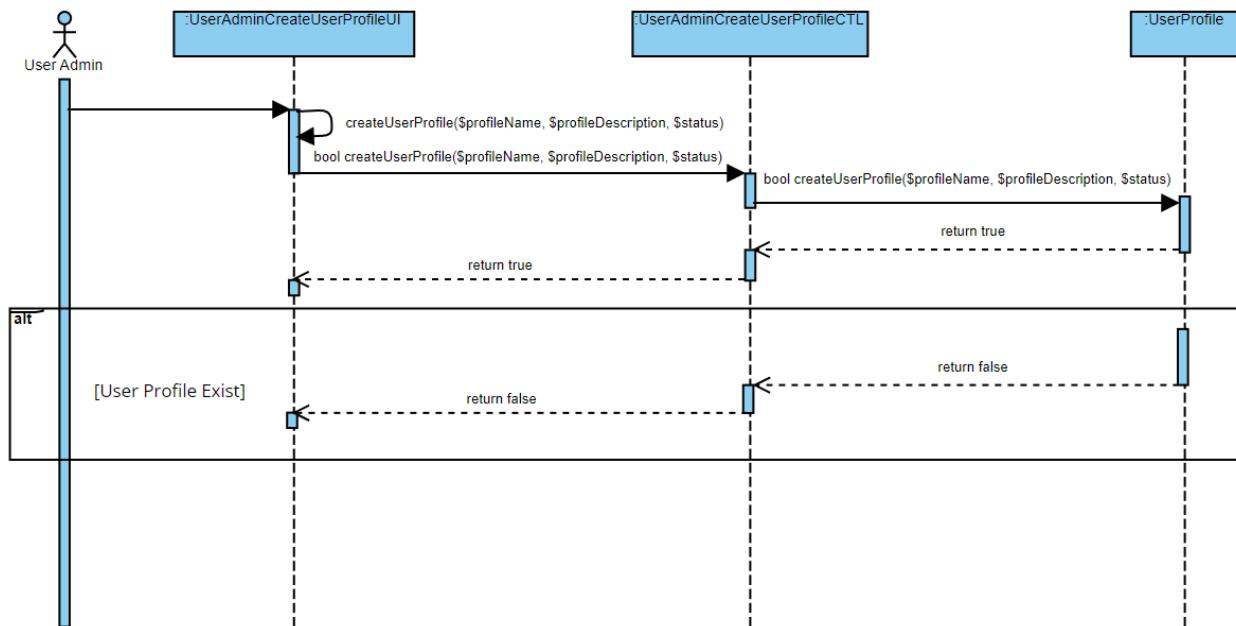
#184 Use Case Description

Name : User Admin - Create User Profile	ID : #184
Stakeholders and goals : User Admin - Want to be able to Create User Profile	
Description : User Admin- Want to Create User Profile	
Actors : User Admin	
Precondition: User Admin is on User Admin User Profile UI Page	
Trigger : User Admin clicks on Create User Profile Link	
Normal flow: <ol style="list-style-type: none">1. The System displays User Admin Create User Profile UI page.2. The User Admin fills up and selects the required fields: User Profile Name, Suspend Status and Profile Description and clicks on submit button.3. The System validates, creates the new User Profile in the database and displays a success message.4. End	
Sub-flows : None	
Alternative/Exceptional flows: 3a User Profile Exist: The System validates, if the User Profile that the User Admin is trying to create exist in the database, an error message will be prompted to inform the User Admin.	

#95 BCE Class Diagram



#97 BCE Sequence Diagram



User Admin User Profile UI Page



[Profile](#) [User Accounts](#) [User Profiles](#)

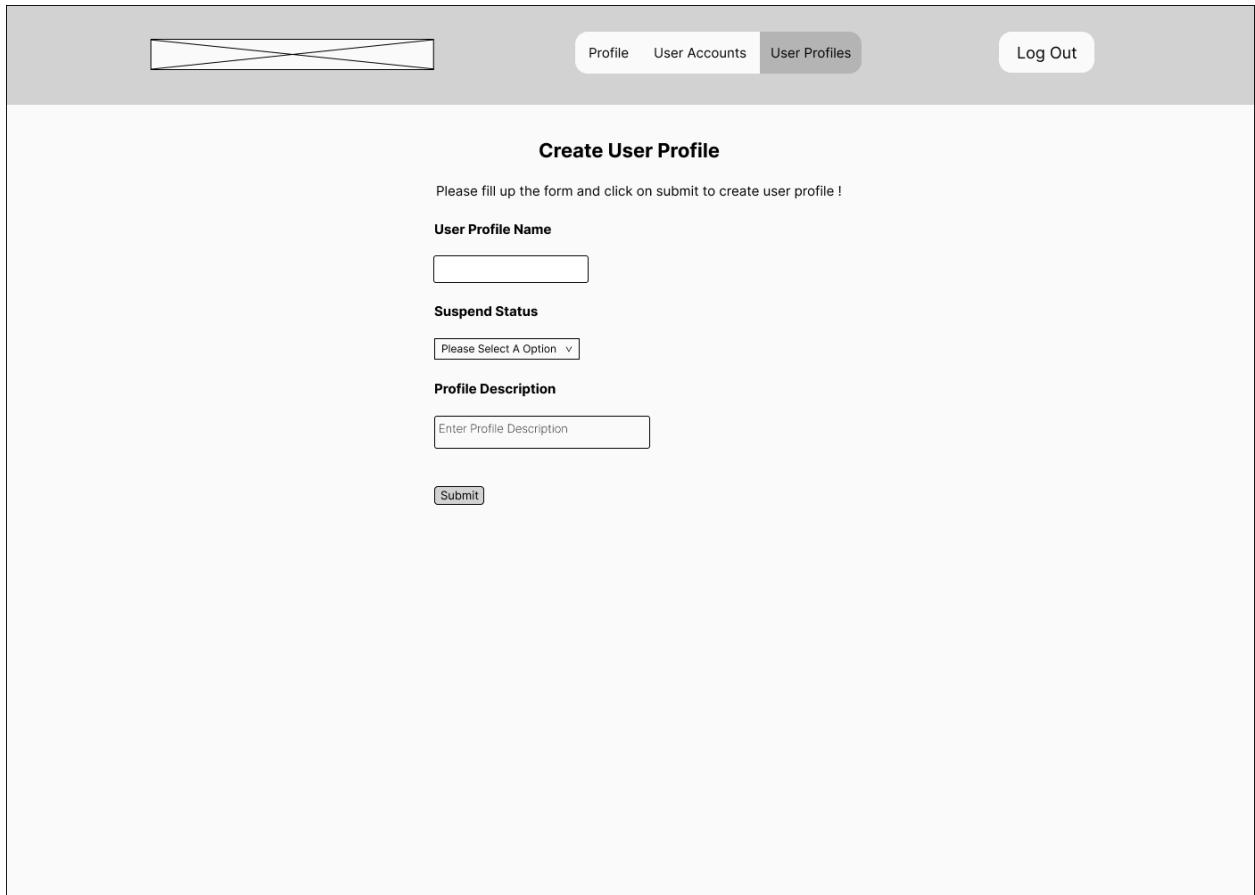
[Log Out](#)

User Profile

Please select the User Profile feature to begin !

- > Create User Profile
- > View User Profile
- > Update User Profile
- > Suspend User Profile
- > Search User Profile

#98 Wireframe



The wireframe illustrates a user interface for creating a user profile. At the top, there is a navigation bar with a logo on the left, followed by three buttons: "Profile", "User Accounts", and "User Profiles". The "User Profiles" button is highlighted with a darker shade. On the right side of the navigation bar is a "Log Out" button. Below the navigation bar, the main content area has a title "Create User Profile". A descriptive message below the title reads "Please fill up the form and click on submit to create user profile !". There are four input fields: "User Profile Name" (an empty text input box), "Suspend Status" (a dropdown menu showing "Please Select A Option"), "Profile Description" (a text input box containing placeholder text "Enter Profile Description"), and a "Submit" button at the bottom.

Create User Profile

Please fill up the form and click on submit to create user profile !

User Profile Name

Suspend Status

Profile Description

#101 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-101				
Test Case Description :	User Admin - Create User Profile				
Pre-Condition :	User is on UserAdminUserProfile UI page				
Test Data File :	userProfile_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-101-1	Select "Create User Profile" to create new user profile	-	New User creation interface displayed on screen	Create New User Profile Form is displayed	Pass
TC-101-2	Create <u>new</u> _user profile	Profile Name = "NewProfile" Suspend Status = "No" Profile Description = "This is a new profile"	Message to alert user that new profile is created. New profile added to database.	"Successfully created user profile" is displayed when creation is successful	Pass
TC-101-3	Creating an already <u>existing</u> _profile	Profile Name = "customer" Suspend Status = "No" Profile Description = "duplicate of customer profile"	Message should alert user that profile already exist. Profile will not be added to database.	"User profile exist!" and "Create User Profile Failed" is displayed when an existing profile is found.	Pass

Taiga

Sprint 2 | 19 Apr 2023 to 26 Apr 2023

Scrum Backlog

Issues

Filters subject or reference

ZOOM: Default

USER STORY	NEW	IN PROGRESS	READY FOR TEST	CLOSED	NEEDS INFO
#54 User Admin-Create User Profiles	N/E			#94 Draw Use Case #98 Draw Wireframe #100 Do Frontend Coding #184 Do Use Case Description #95 Draw BCE Class Diagram #97 Draw BCE Sequence Diagram #99 Do Backend Coding #101 Conduct Testing	

Search

Wiki

Team

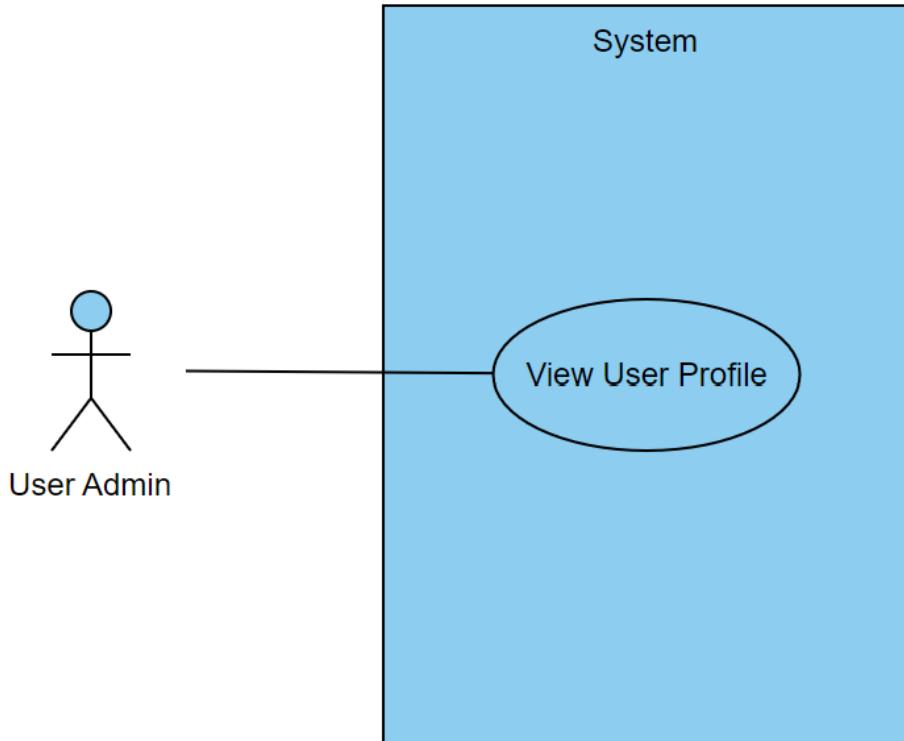
collapse menu

User Admin - View User Profiles

#55 User Story

As a User Admin, I want to be able to view user profile details so that I can have an overview of all user profile details.

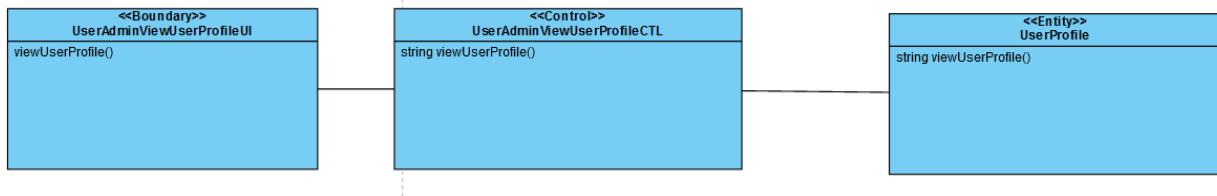
#202 Use Case Diagram



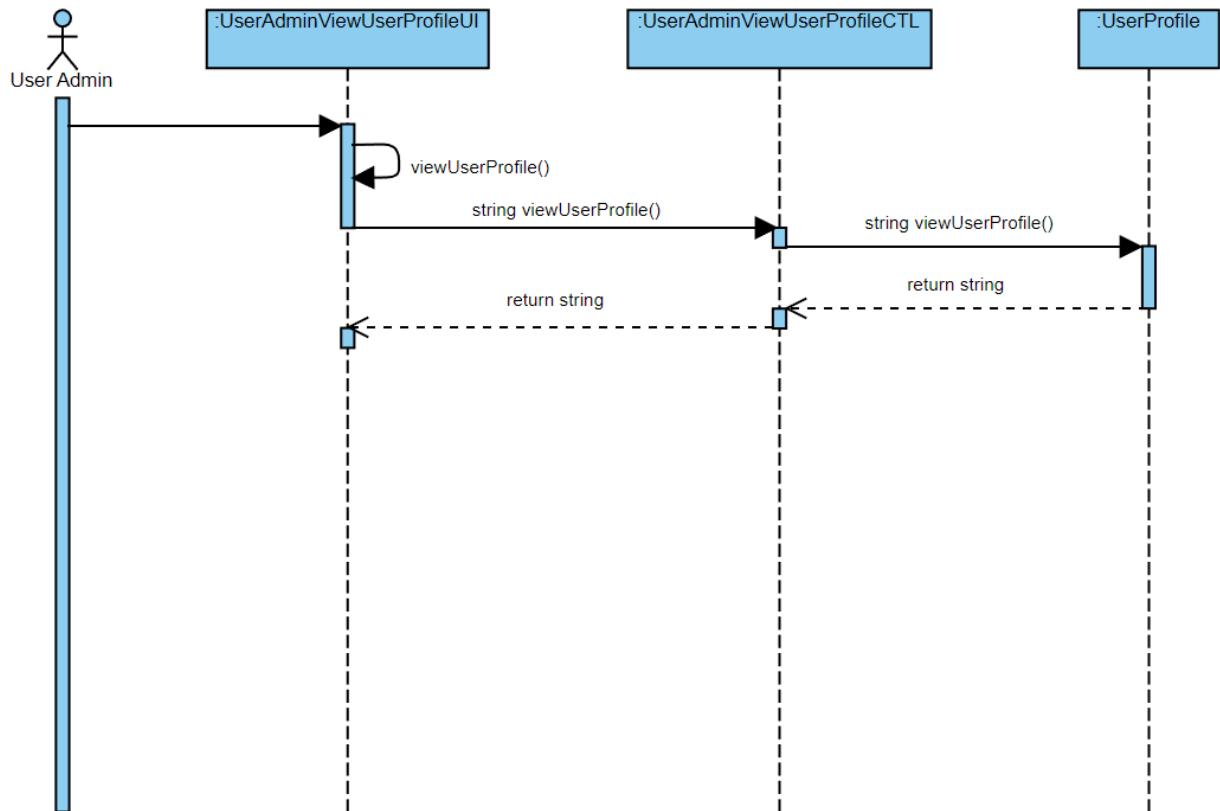
#203 Use Case Description

Name : User Admin - View User Profiles	ID: #203
Stakeholders and goals : User Admin - Want to be able to View User Profiles	
Description : User Admin - Want to View User Profiles	
Actors : User Admin	
Precondition: User Admin is on User Admin User Profile UI Page	
Trigger : User Admin clicks on View User Profile link	
Normal flow: <ol style="list-style-type: none">1. The System displays User Admin View User Profile UI Page2. The User clicks on the View button3. The System retrieve and display User Profiles from the database4. End	
Sub-flows : None	
Alternative/Exceptional flows: None	

#204 BCE Class Diagram



#205 BCE Sequence Diagram



User Admin User Profile UI Page



[Profile](#) [User Accounts](#) [User Profiles](#)

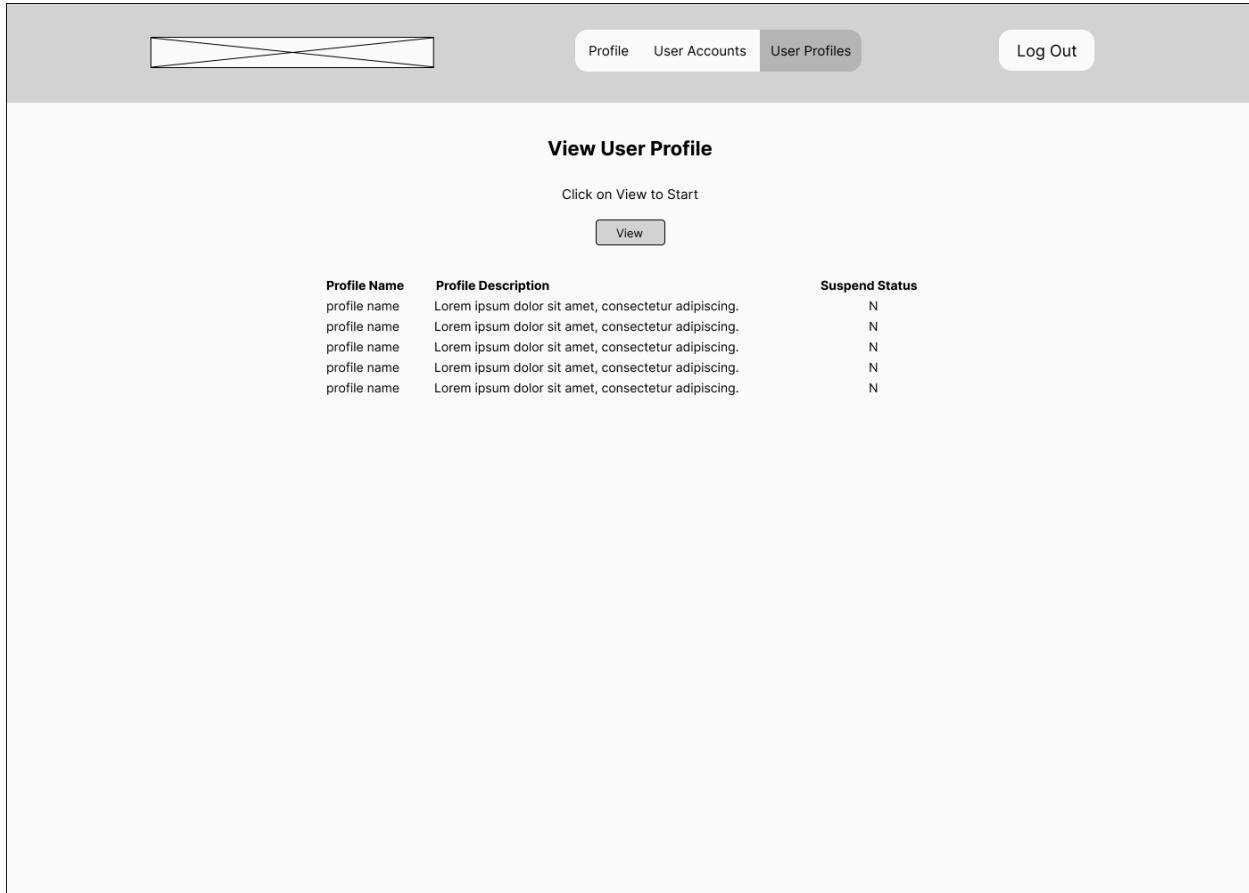
[Log Out](#)

User Profile

Please select the User Profile feature to begin !

- > Create User Profile
- > View User Profile
- > Update User Profile
- > Suspend User Profile
- > Search User Profile

#206 Wireframe



#210 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-210				
Test Case Description :	User Admin - View User Profile				
Pre-Condition :	User is on UserAdminUserProfiles UI page				
Test Data File :	userProfile_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-210-1	Select "View User Profile" to view all user profiles	-	A button is displayed to prompt user to click to view User Profile	A button is displayed to prompt user to click to view User Profile	Pass
TC-210-2	Click on "View" button to view all ticket types	-	Screen display all existing user profiles	A table of existing User Profiles is displayed	Pass

Taiga

The screenshot shows a Taiga Scrum board for the 'SIM2023Q2-BrainDead' project. The board is titled 'Sprint 2' (19 Apr 2023 to 26 Apr 2023). The backlog is set to 'Scrum' and the current view is 'Issues'. The board has five columns: NEW, IN PROGRESS, READY FOR TEST, CLOSED, and NEEDS INFO.

IN PROGRESS Column:

- #55 User Admin-View User Profiles (Status: NEW)

CLOSED Column:

- #208 Do Backend Coding
- #204 Draw BCE Class Diagram
- #209 Do Frontend Coding
- #206 Draw Wireframe
- #205 Draw BCE Sequence Diagram
- #202 Draw Use Case Diagram
- #203 Do Use Case Description
- #210 Conduct Testing

NEEDS INFO Column:

- (empty)

Left Sidebar:

- Projects: SIM2023Q2-BrainDead
- Scrum: Backlog
- Issues
- Search
- Wiki
- Team

Bottom Bar:

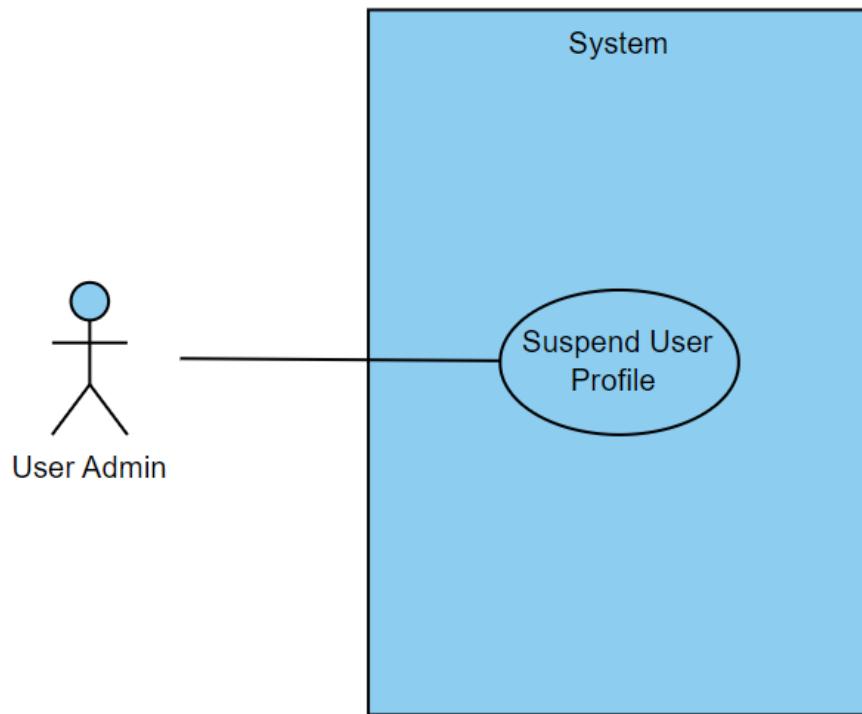
- collapse menu

User Admin - Suspend User Profile

#56 User Story

As a User Admin, I want to be able to suspend user profile so that I can suspend any profile that is inactive.

#246 Use Case Diagram



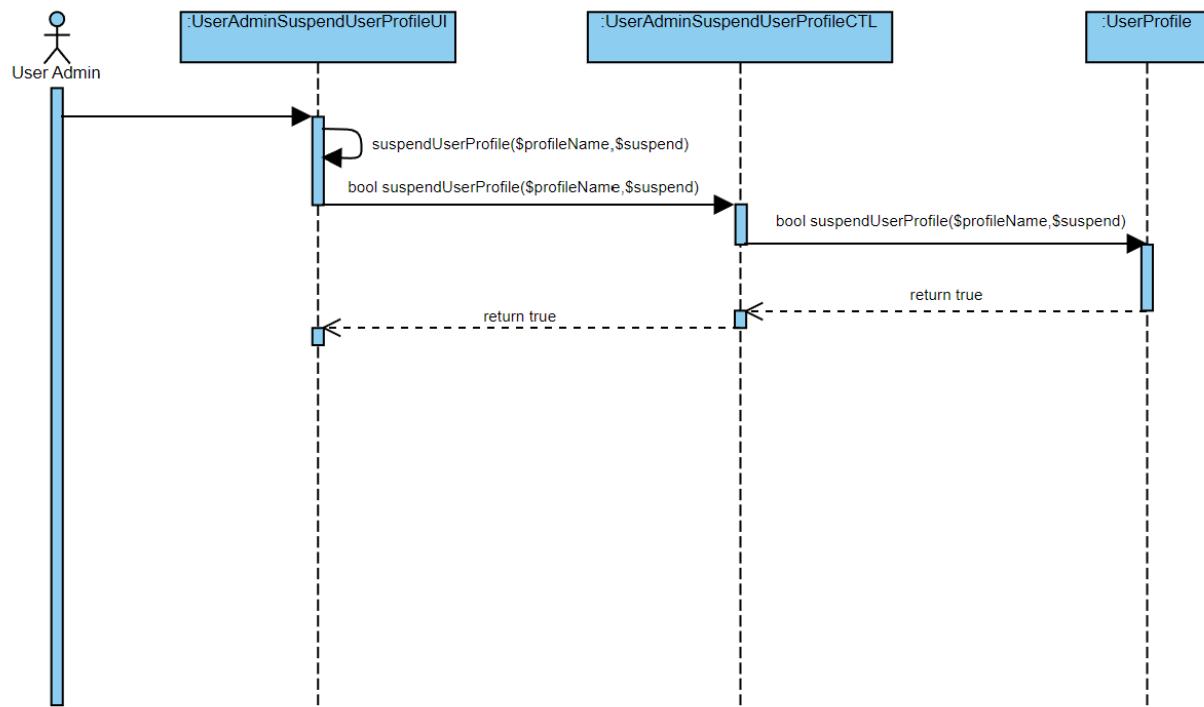
#247 Use Case Description

Name : User Admin - Suspend User Profile	ID: #247
Stakeholders and goals : User Admin - Wants to be able to Suspend User Profile	
Description : User Admin - Wants to Suspend User Profile	
Actors : User Admin	
Precondition: User Admin is on User Admin User Profile UI Page	
Trigger : User Admin clicks on the Suspend User Profile link	
Normal flow: <ol style="list-style-type: none">1. The System displays User Admin Suspend User Profile UI page2. The User Admin selects User Profile, Suspend Status and click submit3. The System updates the user profile in the database4. End	
Sub-flows : None	
Alternative/Exceptional flows: None	

#248 BCE Class Diagram



#249 BCE Sequence Diagram



User Admin User Profile UI Page



[Profile](#) [User Accounts](#) [User Profiles](#)

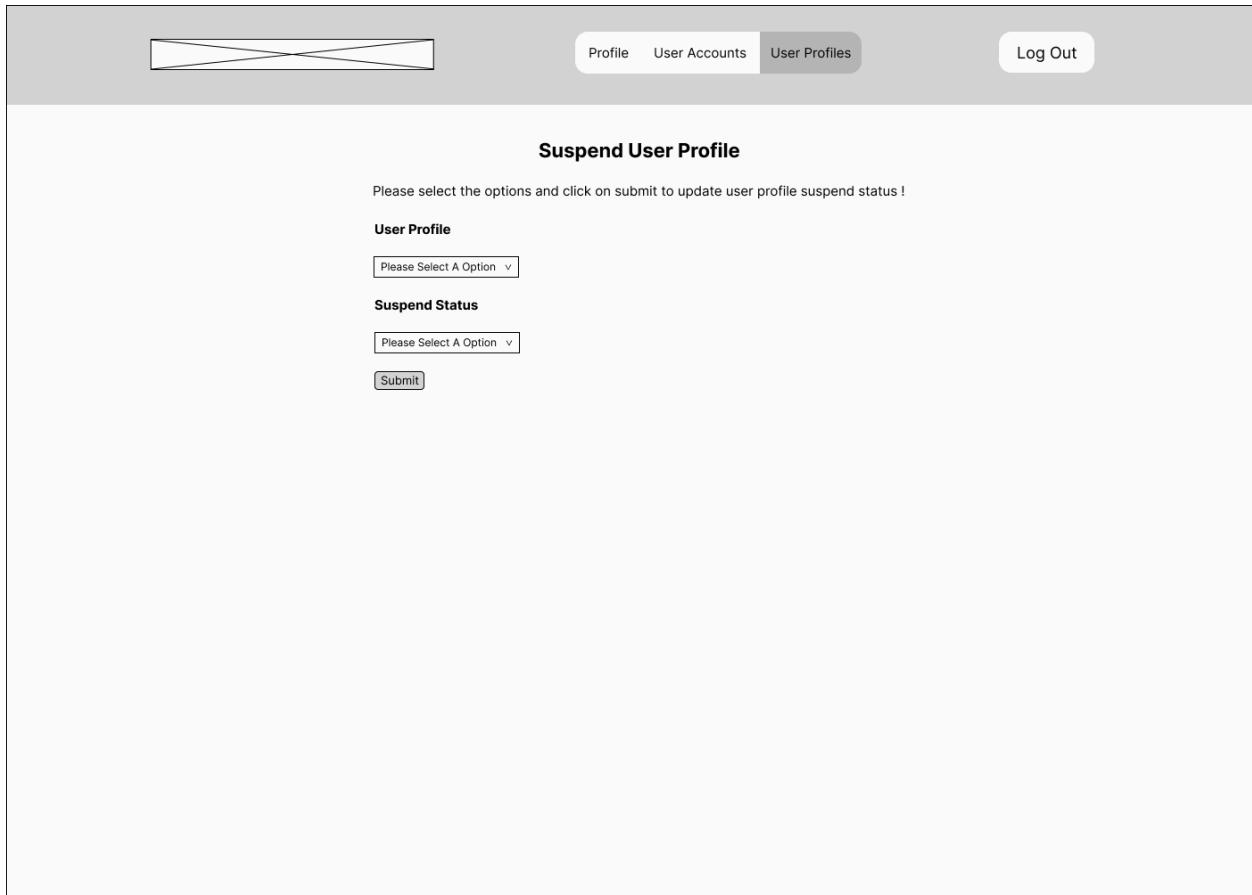
[Log Out](#)

User Profile

Please select the User Profile feature to begin !

- > Create User Profile
- > View User Profile
- > Update User Profile
- > Suspend User Profile
- > Search User Profile

#250 Wireframe



The wireframe depicts a user interface for suspending a user profile. At the top, there is a navigation bar with a logo consisting of two overlapping triangles on the left, followed by three menu items: "Profile", "User Accounts", and "User Profiles". The "User Profiles" item is highlighted with a darker background. On the far right of the navigation bar is a "Log Out" button. Below the navigation bar, the main content area has a title "Suspend User Profile" centered at the top. A descriptive message below the title reads: "Please select the options and click on submit to update user profile suspend status !". The form contains two dropdown menus: one labeled "User Profile" and another labeled "Suspend Status", both currently showing the placeholder text "Please Select A Option". At the bottom of the form is a single "Submit" button.

Suspend User Profile

Please select the options and click on submit to update user profile suspend status !

User Profile

Please Select A Option ▾

Suspend Status

Please Select A Option ▾

Submit

#253 Conduct Testing

Project Name :	BrainDead
Test CaseID :	TC-253
Test Case Description :	User Admin - Suspend User Profile
Pre-Condition :	User is on UserAdminUserProfile UI page
Test Data File :	userProfile_sql.txt

Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-253-1	Select "Suspend User Profile" to access User Profile suspend menu	-	User Profile Suspend interface appear on screen.	A form to suspend user profile is displayed on screen	Pass
TC-253-2	Complete User Profile Suspend form	User Profile = "customer" Suspend Status = "Yes"	Display message that profile is suspended	"Successfully Updated User Profile Suspend Status" is displayed upon successful profile suspension.	Pass

Taiga

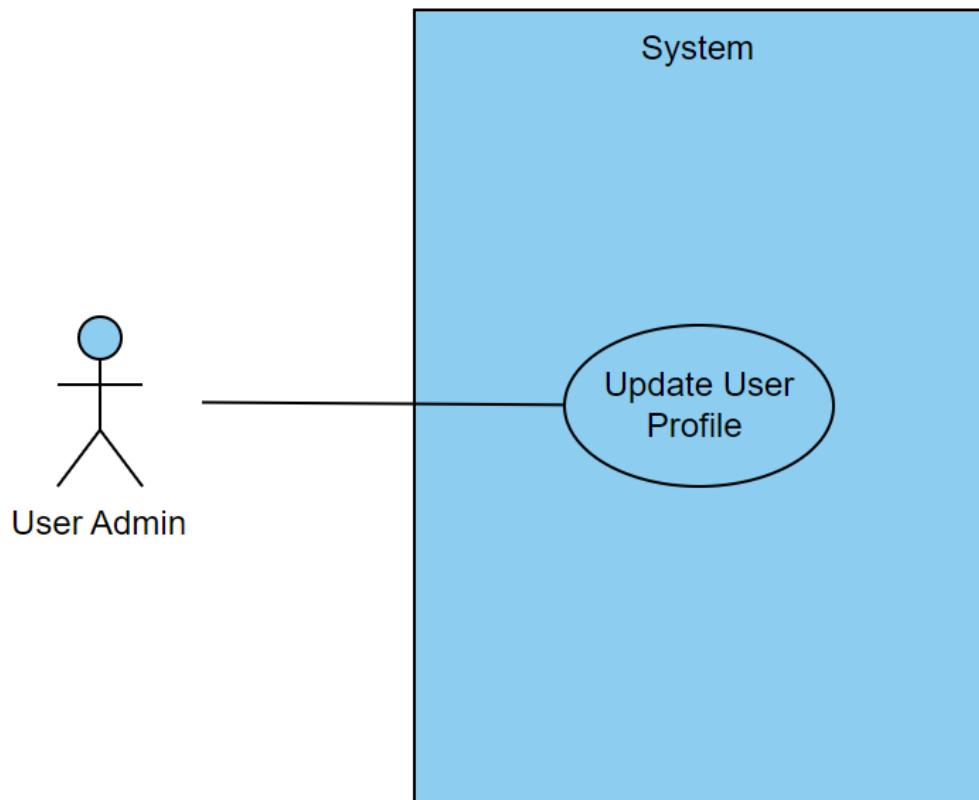
The screenshot shows a Taiga Scrum board for the 'SIM2023Q2-BrainDead' project. The board is divided into columns: NEW, IN PROGRESS, READY FOR TEST, CLOSED, and NEEDS INFO. A task titled '#56 User Admin-Suspend User Profile' is currently in the NEW column. The IN PROGRESS column contains several tasks, including '#251 Do Backend Coding', '#253 Conduct Testing', '#252 Do Frontend Coding', '#250 Draw Wireframe', '#249 Draw BCE Sequence Diagram', '#248 Draw BCE Class Diagram', '#247 Do Use Case Description', and '#246 Draw Use Case Diagram'. The READY FOR TEST, CLOSED, and NEEDS INFO columns are currently empty.

User Admin - Update User Profile

#57 User Story

As a User Admin, I want to update user profile so that I can edit user profile.

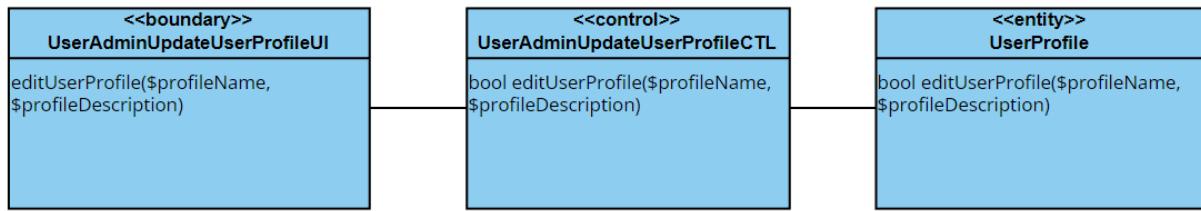
#211 Use Case Diagram



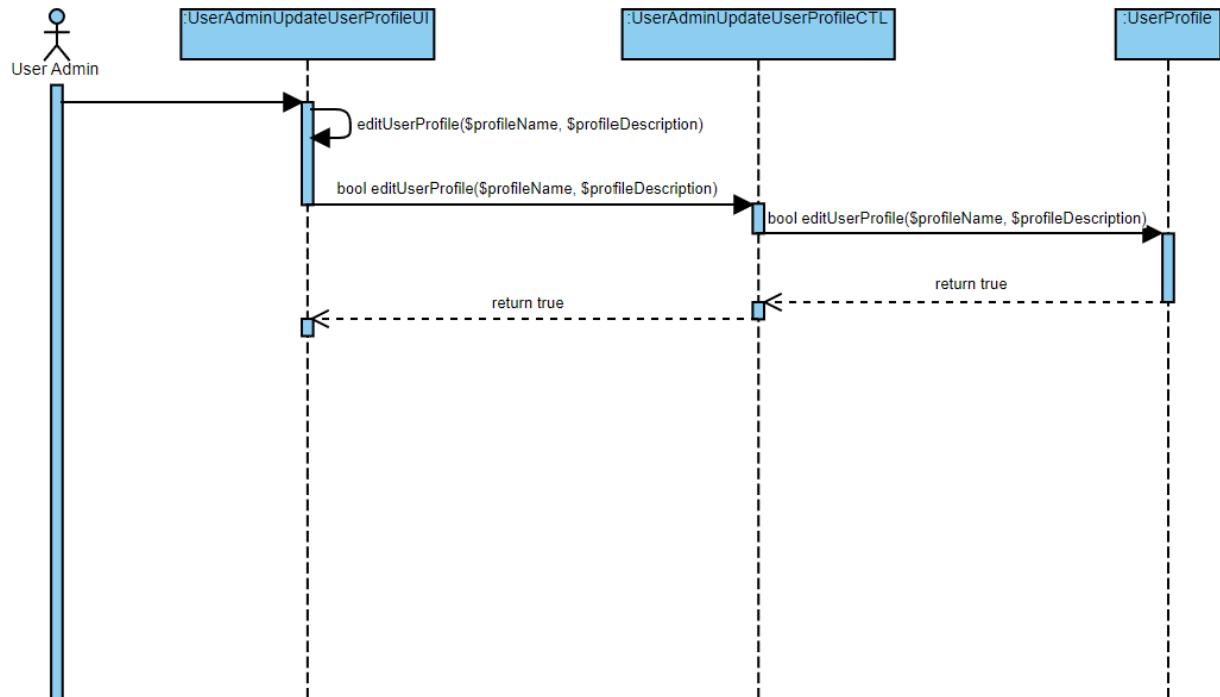
#212 Use Case Description

Name : User Admin - Update User Profile	ID: #212
Stakeholders and goals : User Admin - Wants to be able to Update User Profile	
Description User Admin- Wants to Update User Profile	
Actors : User Admin	
Precondition: User Admin is on User Admin User Profile UI Page	
Trigger : User Admin clicks on Update User Profile link	
Normal flow: <ol style="list-style-type: none">1. The System displays User Admin Update User Profile UI page2. The User Admin selects user profile, input user description and click on Submit button3. The System updates user profile in the database4. End	
Sub-flows : None	
Alternative/Exceptional flows: None	

#213 BCE Class Diagram



#214 BCE Sequence Diagram



User Admin User Profile UI Page



[Profile](#) [User Accounts](#) [User Profiles](#)

[Log Out](#)

User Profile

Please select the User Profile feature to begin !

- > Create User Profile
- > View User Profile
- > Update User Profile
- > Suspend User Profile
- > Search User Profile

#215 Wireframe

Update User Profile

Please fill up the form and click on submit to update user profile !

User Profile

Please Select A Option ▾

Profile Description

Enter Profile Description To Update

Submit

#219 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-219				
Test Case Description :	User Admin - Update User Profile				
Pre-Condition :	User is on UserAdminUserProfiles UI page				
Test Data File :	userProfile_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-219-1	Select "Update User Profile" to access User Profile update menu	-	User Profile Update interface appear on screen.	A form to update user profile is displayed	Pass
TC-219-2	Updating User Profile Information	User Profile = "customer" Profile Description = "An updated description"	Message shown on screen that user profile has successfully updated.	"Successfully Updated User Profile" is displayed on screen upon successful update.	Pass

Taiga

The screenshot shows a Taiga Scrum board for Sprint 2, which ran from April 19 to April 26, 2023. The board has five columns: NEW, IN PROGRESS, READY FOR TEST, CLOSED, and NEEDS INFO. The NEW column contains one user story: "#57 User Admin-Update User Profile". The IN PROGRESS column is empty. The READY FOR TEST column is also empty. The CLOSED column contains eight tasks, and the NEEDS INFO column is empty. A sidebar on the left shows project navigation and search/filter options.

USER STORY	NEW	IN PROGRESS	READY FOR TEST	CLOSED	NEEDS INFO
#57 User Admin-Update User Profile	NEW			#219 Conduct Testing #213 Draw BCE Class Diagram #218 Do Frontend Coding #215 Draw Wireframe #214 Draw BCE Sequence Diagram #217 Do Backend Coding #211 Draw Use Case Diagram #212 Do Use Case Description	

Project: SIM2023Q2-BrainDead

Sprint: Sprint 2 (19 Apr 2023 to 26 Apr 2023)

Metrics: 0% total points, 0 completed points, 0 open tasks, 217 closed tasks, 0 cocaine doses

Filters: subject or reference

ZOOM: Default

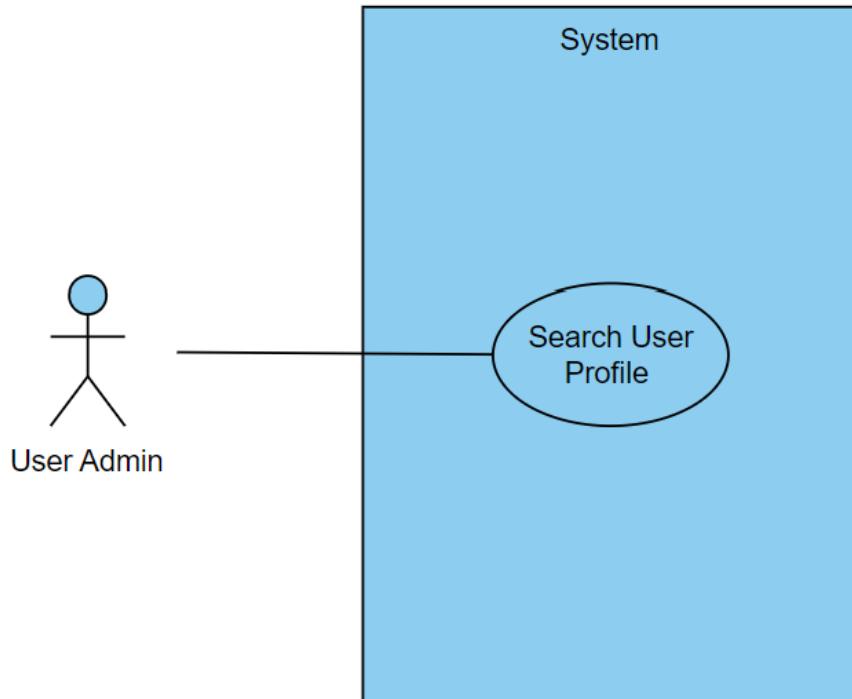
Navigation: Projects, Scrum, Backlog, Issues, Search, Wiki, Team

User Admin - Search User Profile

#58 User Story

As a User Admin, I want to search user profile so that I can view user profile details.

#433 Use Case Diagram



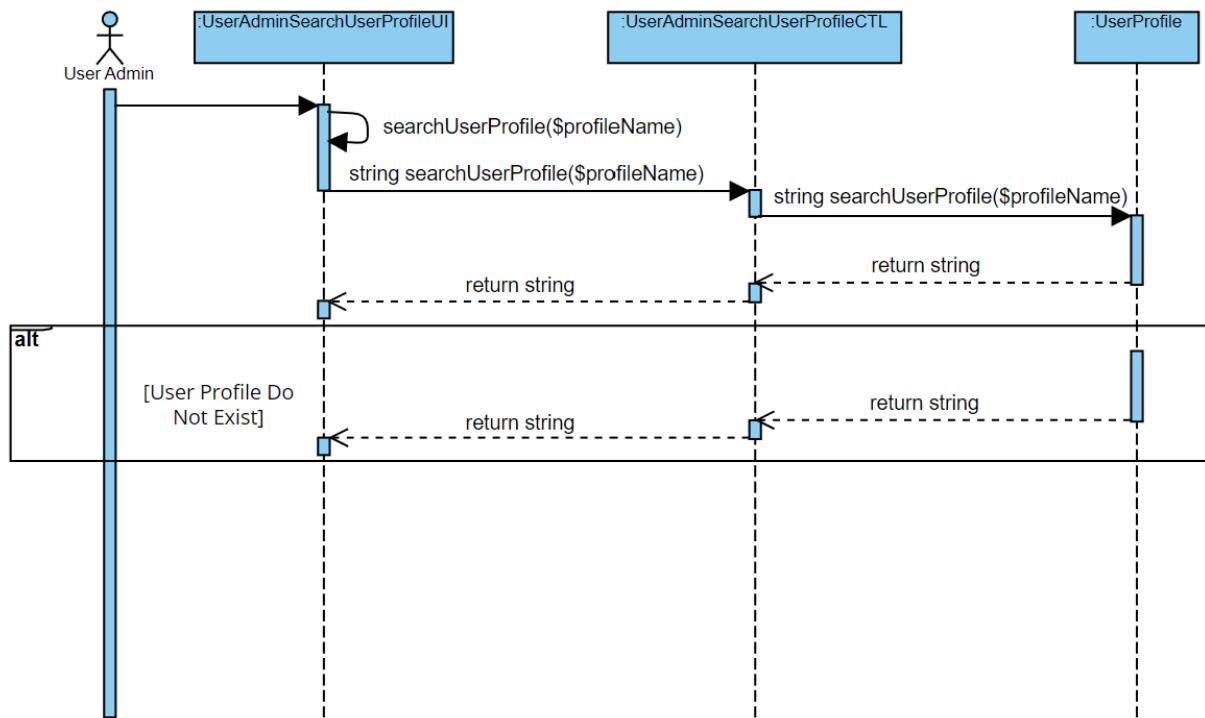
#434 Use Case Description

Name : User Admin - Search User Profile	ID: #434
Stakeholders and goals : User Admin - Want to be able to search for User Profile	
Description : User Admin- Want to search for User Profile	
Actors : User Admin	
Precondition: User Admin is on User Admin User Profile UI Page	
Trigger : User Admin clicks on Search User Profile link	
Normal flow: <ol style="list-style-type: none">1. The System displays User Admin Search User Profile UI page2. The User Admin input user profile's name and click search button3. The System validates the User Profile, then retrieves and displays the Profile Name, Profile Description and Suspend Status4. End	
Sub-flows : None	
Alternative/Exceptional flows: <p>3a. User Profile Do Not Exist: The system will validate if User Profile the User Admin enter exists, if it does not exist an error message will prompt to inform the User Admin.</p>	

#435 BCE Class Diagram



#436 BCE Sequence Diagram



User Admin User Profile UI Page



[Profile](#) [User Accounts](#) [User Profiles](#)

[Log Out](#)

User Profile

Please select the User Profile feature to begin !

- > Create User Profile
- > View User Profile
- > Update User Profile
- > Suspend User Profile
- > Search User Profile

#437 Wireframe

The wireframe illustrates a user profile search interface. At the top, there is a navigation bar with a logo placeholder (a white rectangle with a black 'X' inside), three tabs labeled "Profile", "User Accounts", and "User Profiles" (the latter being the active tab), and a "Log Out" button.

The main content area is titled "Search User Profile" and contains a sub-instruction: "Enter User Profile And Click on Search to start!". Below this, there is a section for "User Profile Name" with a text input field ("Enter Profile Name") and a "Search" button.

Below the search section, there is a table-like structure with three columns:

Profile Name	Profile Description	Suspend Status
profile name	profile name Lorem ipsum dolor sit amet, consectetur adipiscing.	N

#432 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-432				
Test Case Description :	User Admin - Search User Profile				
Pre-Condition :	User is on UserAdmin Search User Profile UI page				
Test Data File :	userProfile_sql.txt				

Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-432-1	Select "Search User Profile" to access User Profile Search	-	Search interface displays on the screen	Search interface displays on the screen	Pass
TC-432-2	Search for existing user profile	User Profile = "customer"	Matching result displayed on screen.	"Customer" profile information is displayed on screen.	Pass
TC-432-3	Search for non-existing user profile	User Profile = "ABCDE"	No result is shown.	"User Profile Do Not Exist!" message is displayed and no data is displayed	Pass

Taiga

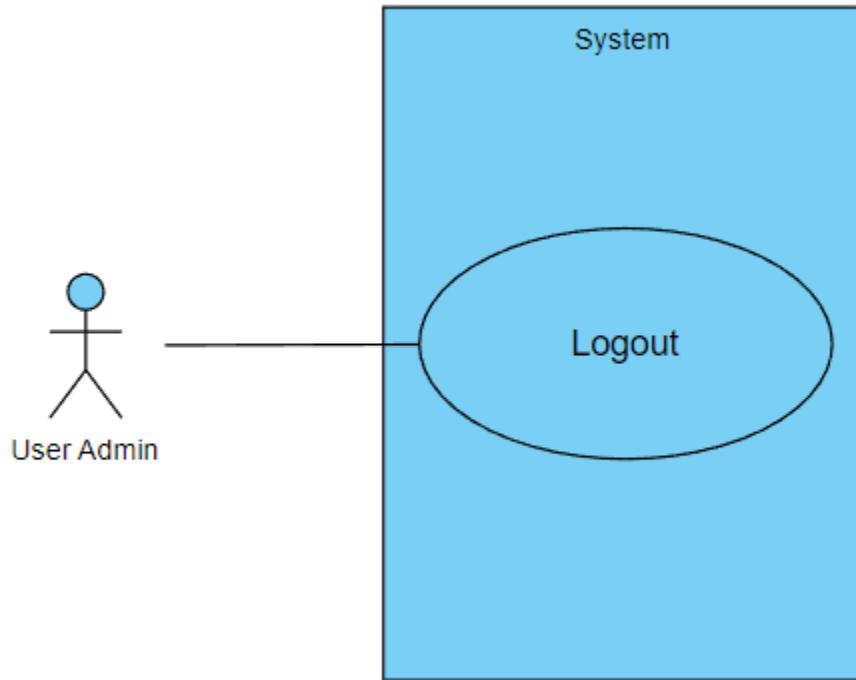
The screenshot shows a Scrum board for Sprint 2, which ran from April 19 to April 26, 2023. The board has five columns: NEW, IN PROGRESS, READY FOR TEST, CLOSED, and NEEDS INFO. A user story titled "#58 User Admin-Search User Profile" is currently in the NEW column. In the IN PROGRESS column, there is a task "#446 Do Back End Coding". In the READY FOR TEST column, there are tasks "#436 Draw BCE Sequence Diagram", "#437 Draw Wireframe", "#447 Do Front End Coding", and "#432 Conduct Testing". In the CLOSED column, there are tasks "#435 Draw BCE Class Diagram", "#433 Draw Use Case Diagram", and "#434 Do Use Case Description". The NEEDS INFO column is empty. The sidebar on the left shows the project name "SIM2023Q2-BrainDead" and the sprint details. The bottom left corner has a "collapse menu" button.

User Admin - Logout

#59 User Story

As a User Admin, I want to log out so that I can end my session.

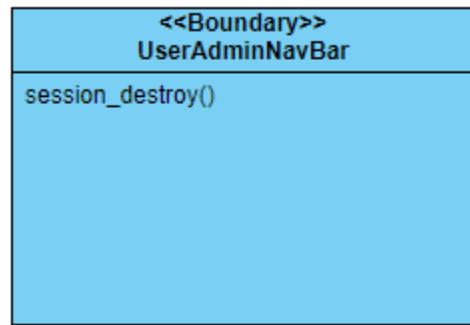
#112 Use Case Diagram



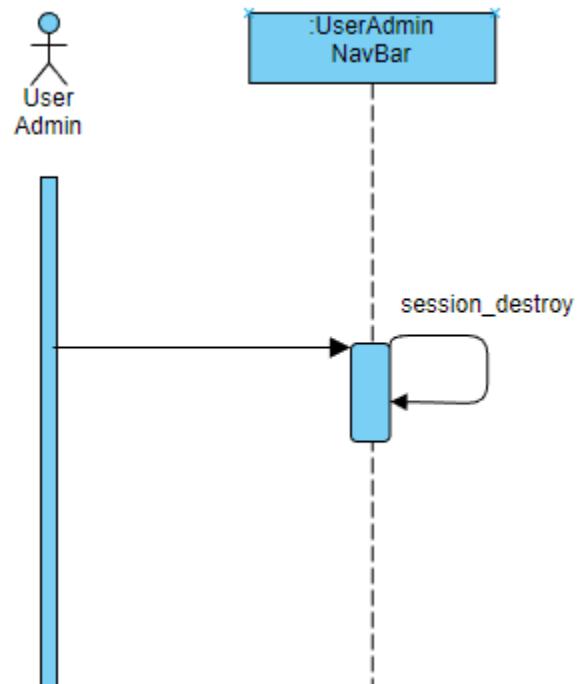
#182 Use Case Description

Name : User Admin - Logout	ID: #182
Stakeholders and goals : User Admin - Wants to logout	
Description : User Admin wants to logout of the system	
Actors : User Admin	
Precondition: User Admin is logged in	
Trigger : User Admin clicks logout on the User Admin Nav Bar	
Normal flow: <ol style="list-style-type: none">1. The System logs the User Admin out.2. End	
Sub-flows : None	
Alternative/Exceptional flows: None	

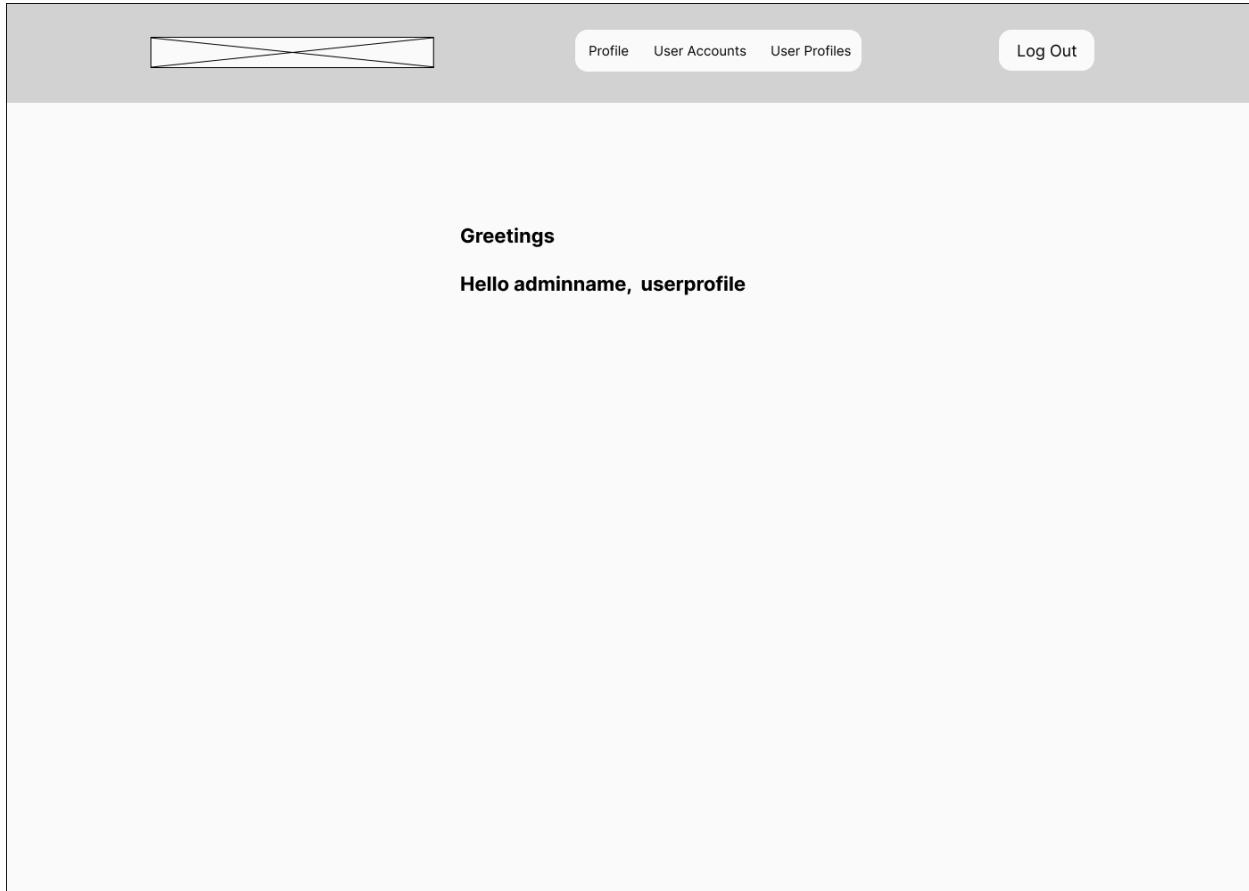
#113 BCE Class Diagram



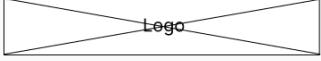
#115 BCE Sequence Diagram



User Admin Logon Page UI



#116 Wireframe



Welcome to Braindead Movies !

Username:

Password:

New? Sign up here →

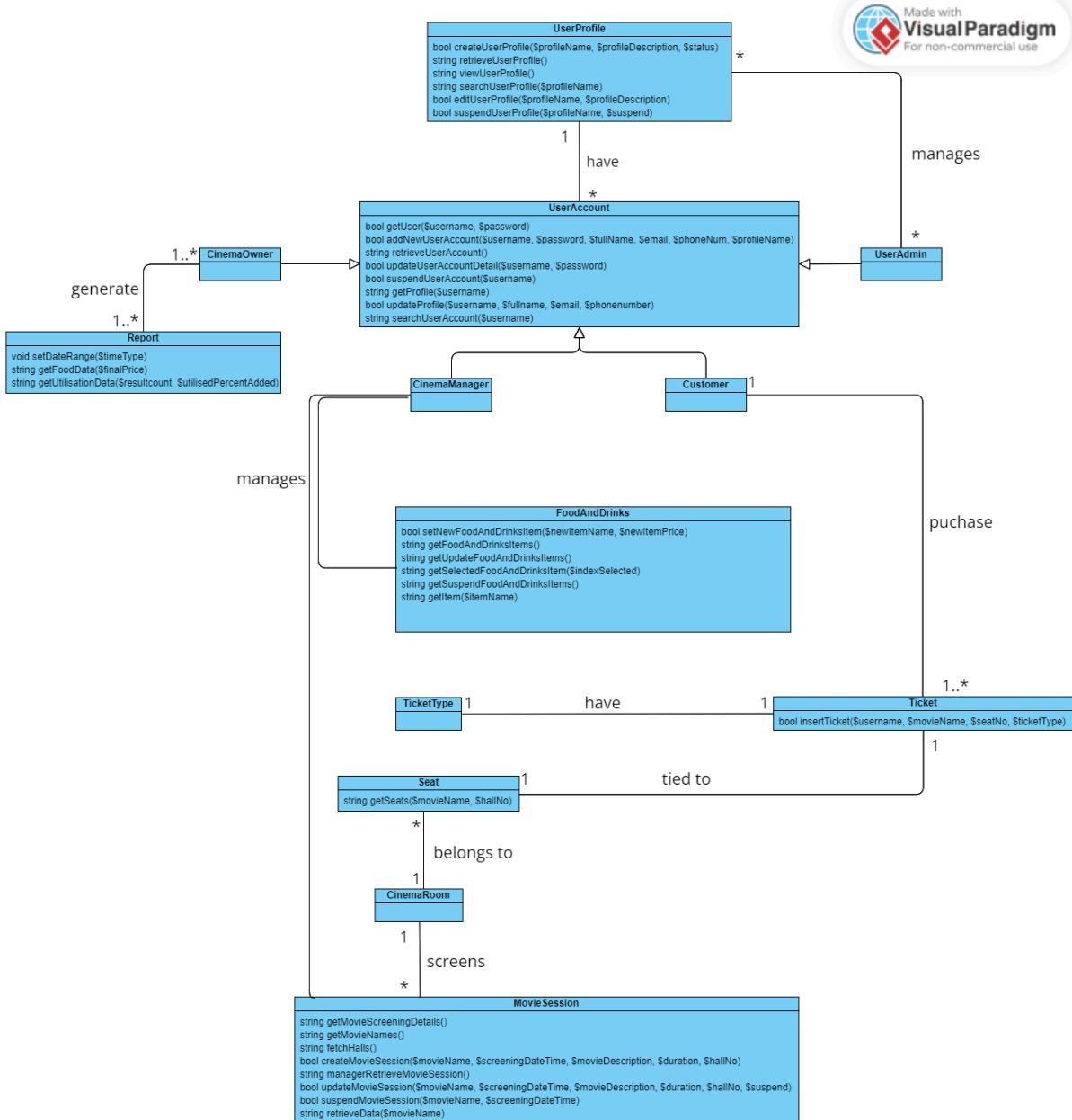
#119 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-119				
Test Case Description :	User Admin - Logout				
Pre-Condition :	User is logged in				
Test Data File :	-				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-119-1	Click on Log Out button	-	User is logged out and redirected back to Log In page	User is logged out and redirected back to Log In page	Pass

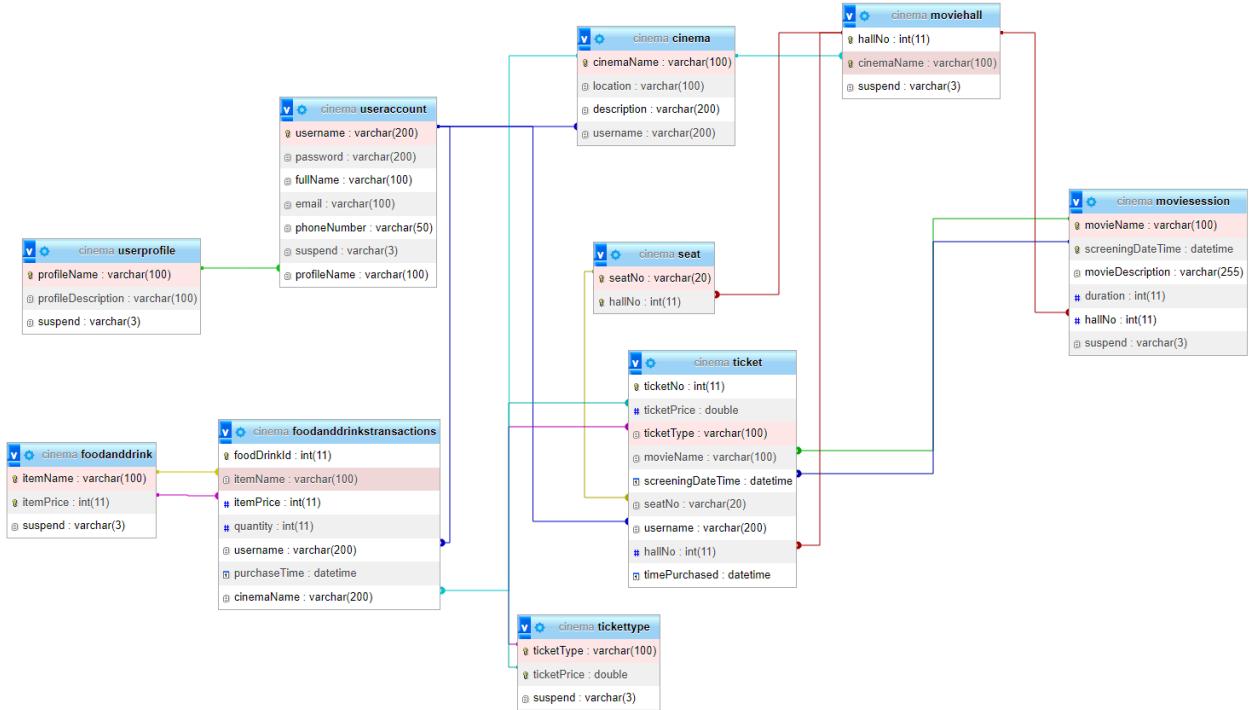
Taiga

The screenshot shows the Taiga project management interface. On the left, there's a sidebar with links for Projects, SIM2023Q2-BrainDead (selected), Scrum, Backlog, Issues, Search, Wiki, and Team. The main area displays Sprint 2 from April 19 to April 26, 2023. The progress bar shows 0% completion with 0 total points, 0 completed points, 0 open tasks, 217 closed tasks, and 0 cocaine doses. Below the progress bar, there are two columns: 'USER STORY' and 'NEEDS INFO'. The 'USER STORY' column contains a single item: '#59 User Admin-Logout' (status: NEW). The 'NEEDS INFO' column lists several tasks: #112 Draw Use Case, #117 Do Backend Coding, #119 Conduct Testing (status: READY FOR TEST), #182 Do Use Case Description, #113 Draw BCE Class Diagram, #115 Draw BCE Sequence Diagram, #116 Draw Wireframe, and #118 Do Frontend Coding. There are also filter and search options at the top of the main area.

#286 UML Class Diagram



#644 Data Persistence Diagram



Meeting Minutes

Meeting Minutes: Sprint 2 - Planning			
Date: 19th April 2023	Attendees: Song Xian, Cheng Xun, Min Liang, Christon, John, Yong Qi, Whye Keat, Tian Sheng		
Time: 1300 - 1500			
Meeting Objective: Divide user stories among team members			
Agenda: <ol style="list-style-type: none">Allocation of backlogsNumber of user stories to do each sprint			
Discussion summary: We went through the calendar and realized that we will have only 6 sprints for this project. As such we have decided to do most of the user stories this sprint. Team members were splitted into smaller groups, and each group will take a number of user stories. The issue of CSS for the website was brought up during the meeting, whether we should add CSS as we code or leave it towards the end of the sprint. We discussed and agreed to leave the CSS towards the end of the sprint to focus more on the functionality of the website and get the user story working as intended.			
Items	Action Items	Responsibility	Deadline
User Story #16, #17, #19, #21, #27, #28, #31, #37	Draw use case, use case description, BCE diagram, sequence diagram, wireframe Code frontend and backend Do testing for code	Song Xian, Yong Qi	26th April 2023
User Story #49, #50, #51, #52, #53, #54, #55, #56, #57, #58, #59	Draw use case, use case description, BCE diagram, sequence diagram, wireframe Code frontend and backend Do testing for code	Cheng Xun, Min Liang	26th April 2023

User story #40, #43, #46	Draw use case, use case description, BCE diagram, sequence diagram, wireframe Code frontend and backend Do testing for code	John	26th April 2023
User Story #3, #4, #5, #6, #14	Draw use case, use case description, BCE diagram, sequence diagram, wireframe Code frontend and backend Do testing for code	Whye Keat, Tian Sheng	26th April 2023
UML Class Diagram	Draw UML Class Diagram	Christon	26th April 2023
Wireframe	Create wireframe diagrams for user stories #16, #17, #19, #21, #27, #28, #31, #37, #49, #50, #51, #52, #53, #54, #55, #56, #57, #58, #59, #40, #43, #46, #3, #4, #5, #6, #14	Christon	26th April 2023
Next Meeting: In the next meeting, we planned to discuss the code that we have pushed and committed to the main branch in Gitlab, and discuss any difficulty we encountered for the items assigned to us.			

Meeting Minutes: Sprint 2 - Review	
Date: 26th April 2023	Attendees: Song Xian, Cheng Xun, Min Liang, Christon, John, Yong Qi, Whye Keat, Tian Sheng
Time: 1200 - 1250	
Meeting Objective: Review of sprint	
Agenda: 1. Difficulty encountered during sprint	

2. Declare which user story is done

Discussion summary:

We reviewed the code as a team, tested each user story, and approved the code.
No difficulty encountered during the sprint.

User stories #16, #17, #19, #21, #27, #28, #31, #37, #49, #50, #51, #52, #53, #54, #55, #56, #57, #58, #59, #40, #43, #46, #3, #4, #5, #6, #14 are marked done

Sprint 3 [26th April to 3rd May]

Test Plan

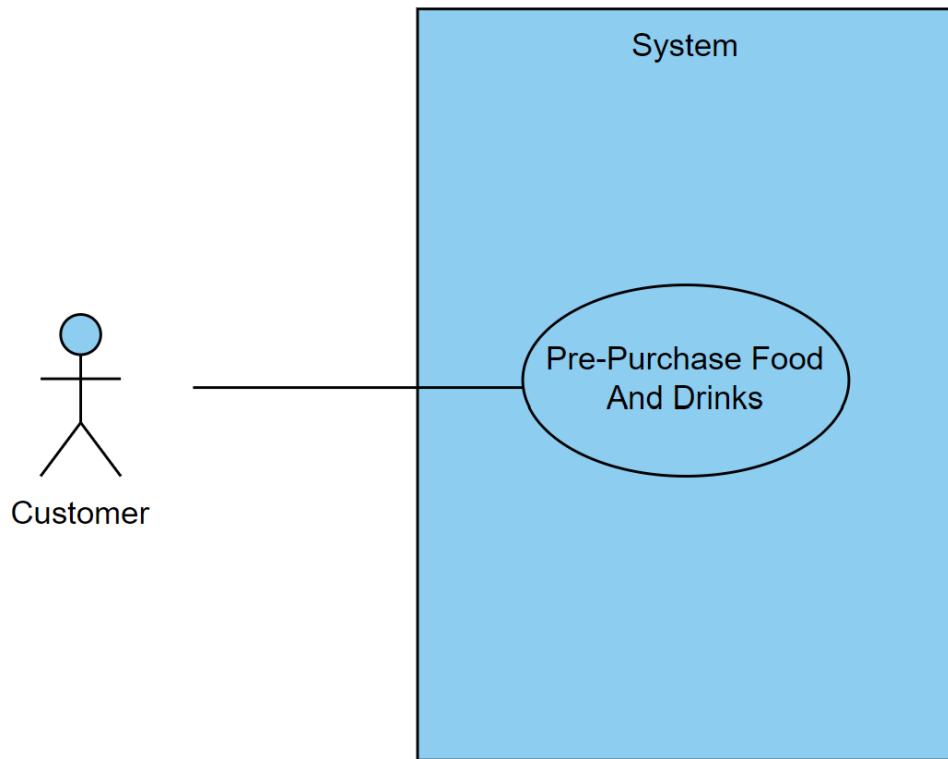
Master Test Plan for Sprint 3 [26 APR - 03 MAY]	
Personnel Conducting Test:	Chong Min Liang
Test Schedule:	30 APR 2023 to 02 MAY 2023
Test Environment used:	Local Physical Device with access to browsers such as Google Chrome / FireFox
Testing Technique:	<p>Unit Testing: - To validate individual components / function</p> <p>Integrate Testing: -Verifies interaction between components, ensuring the integrated program is in working order.</p>
Components tested in current sprint:	<p>Testing type: Functionality</p> <p>Tested Components:</p> <ul style="list-style-type: none">1. Customer-Pre-Purchase FoodAndDrinks2. Customer-View Summary Of Purchase3. Cinema Manager-View-Movie Session4. Cinema Manager-Suspend Movie Session5. Cinema Manager-Create Cinema Room6. Cinema Manager-View Cinema Room7. Cinema Manager-Update Cinema Rooms8. Cinema Manager-Suspend Cinema Rooms9. Cinema Manager-Search Cinema Rooms10. Cinema Manager - Update Food And Drinks Details11. Cinema Manager - Suspend Food And Drink Item12. Cinema Owner-Generate Weekly Revenue Report13. Cinema Owner-Generate Monthly Revenue Report14. Cinema Owner-Generate weekly Cinema Utilisation Report15. Cinema Owner-Generate MonthlyCinema Utilisation Report16. Cinema Manager-Create New Ticket Type17. Cinema Manager-View All Ticket Types18. Cinema Manager-Update Ticket Type19. Cinema Manager-Suspend Ticket Type20. Cinema Manager-Search Ticket Type

Customer - Pre-Purchase Food And Drinks

#7 User Story

As a Customer, I want to be able to pre-purchase food and drinks so that I can avoid the crowd at the movies.

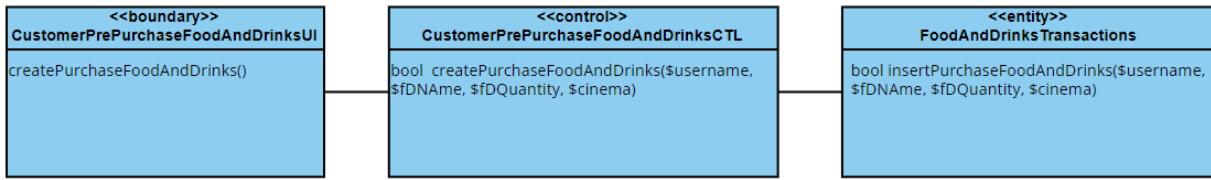
#511 Use Case Diagram



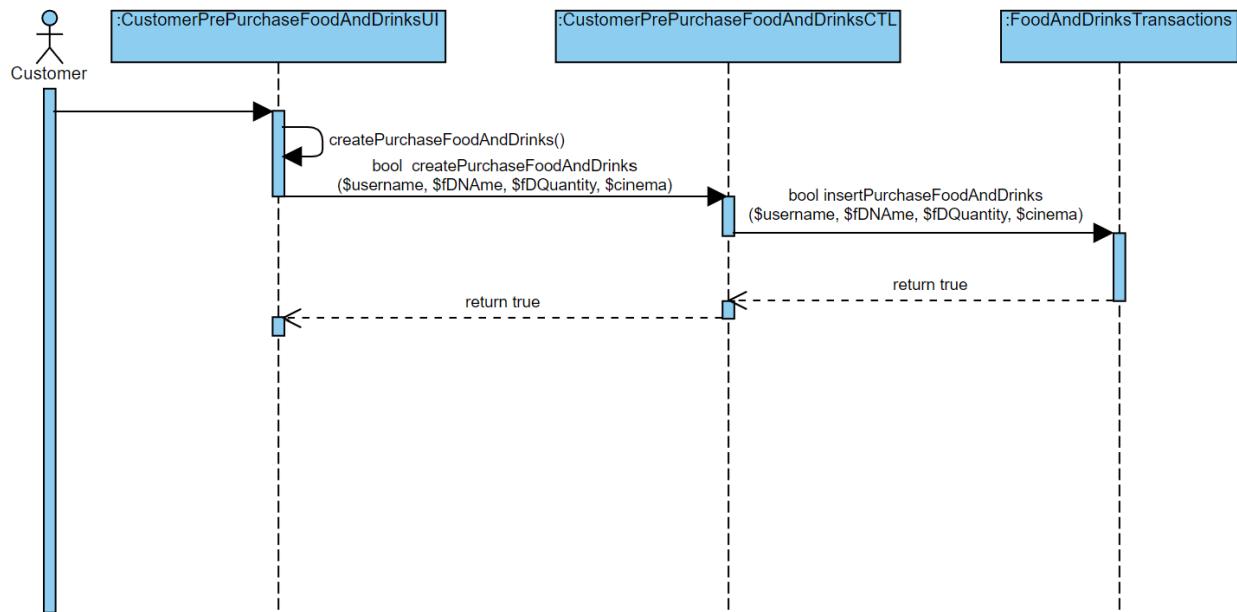
#512 Use Case Description

Name : Customer - Pre-Purchase Food And Drinks	ID: #512
Stakeholders and goals : Customer - Wants to Pre-Purchase Food And Drinks	
Description : Customer wants to Pre-Purchase Food And Drinks before the movie	
Actors : Customer	
Precondition : Customer is on the View Movie Session page	
Trigger : Customer clicks on Pre-Purchase Food And Drinks link	
Normal flow: <ol style="list-style-type: none">1. The System displays the Customer Pre Purchase Food And Drinks Page2. The Customer fills up the required field and clicks on Purchase Food And Drink button3. The System process the purchase before redirecting back to the View Movie Session page4. End	
Sub-flows : None	
Alternative/Exceptional flows: None	

#513 BCE Class Diagram



#514 BCE Sequence Diagram



Customer View Movie Session UI Page

#515 Wireframe


Profile
Movie Session
Summary Of Purchase
Log Out

Food and Drink Menu

Item Name	Item Price
Food And Drinks Name	15
Food And Drinks Name	5
Food And Drinks Name	10
Food And Drinks Name	15
Food And Drinks Name	5
Food And Drinks Name	10
Food And Drinks Name	15
Food And Drinks Name	5
Food And Drinks Name	10
Food And Drinks Name	15
Food And Drinks Name	5
Food And Drinks Name	10
Food And Drinks Name	15
Food And Drinks Name	5
Food And Drinks Name	10
Food And Drinks Name	15
Food And Drinks Name	5
Food And Drinks Name	10
Food And Drinks Name	15
Food And Drinks Name	5
Food And Drinks Name	10
Food And Drinks Name	15
Food And Drinks Name	5
Food And Drinks Name	10

Pre-Purchase Your Food And Drinks:

Select a food or drink:

Select quantity:

Cinema:

[Back](#)

#518 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-518				
Test Case Description :	Customer - Prepurchase Food And Drinks				
Pre-Condition :	User is on CustomerViewMovieSession UI page				
Test Data File :	foodanddrink_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-518-1	Select "Pre-Purchase Food And Drinks" to pre-purchase food and drinks	-	A menu containing all available food and drink items is displayed, with an interface to do purchase	All existing food and drink items, and purchase interface is displayed	Pass
TC-518-2	Enter Food and Drink item and quantity of purchase	FoodAndDrink item = "Candy Bar - Large" Quantity = 1	Message to show that food and drink item purchase is successful.	"Food And Drinks successfully purchased" is displayed on the screen.	Pass

Taiga

The screenshot shows the Taiga project management interface. On the left, there's a sidebar with links for Projects, Scrum, Backlog, Issues, Search, Wiki, and Team. The main area displays Sprint 3 from April 26 to May 3, 2023. The sprint summary shows 0% completion, 0 total points, 0 completed points, 0 open tasks, 162 closed tasks, and 0 cocaine doses. Below the summary, there's a filter bar and a table for issues. The table has columns for USER STORY, status (NEW, IN PROGRESS, READY FOR TEST, CLOSED, NEEDS INFO), and details. A user story titled '#7 Customer-Pre-Purchase Food And Drinks' is expanded, showing its status as NEW. To the right of the table, a list of tasks is shown, each with a title, a small icon, and a three-dot menu. The tasks are:

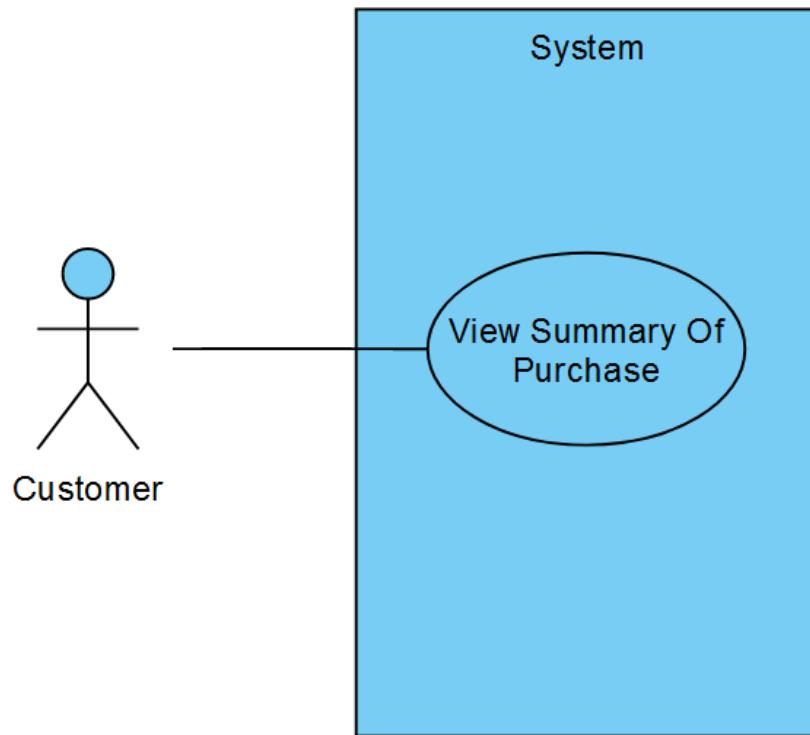
- #518 Conduct Testing
- #516 Do Backend Coding
- #511 Draw Use Case Diagram
- #512 Do Use Case Description
- #513 Draw BCE Class Diagram
- #517 Do Frontend Coding
- #514 Draw BCE Sequence Diagram
- #515 Draw Wireframe

Customer - View Summary Of Purchase

#8 User Story

As a Customer, I want to be able to view a summary of my purchase so that I can reaffirm my transaction.

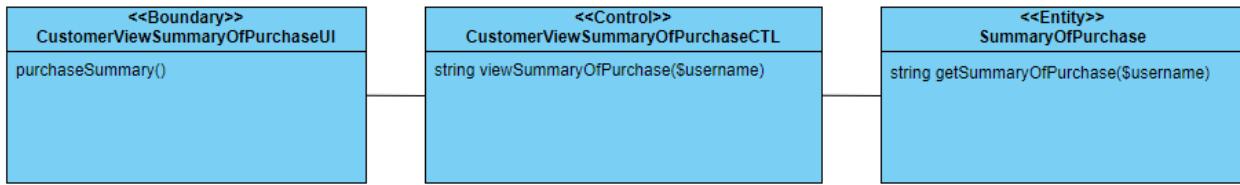
#519 Use Case Diagram



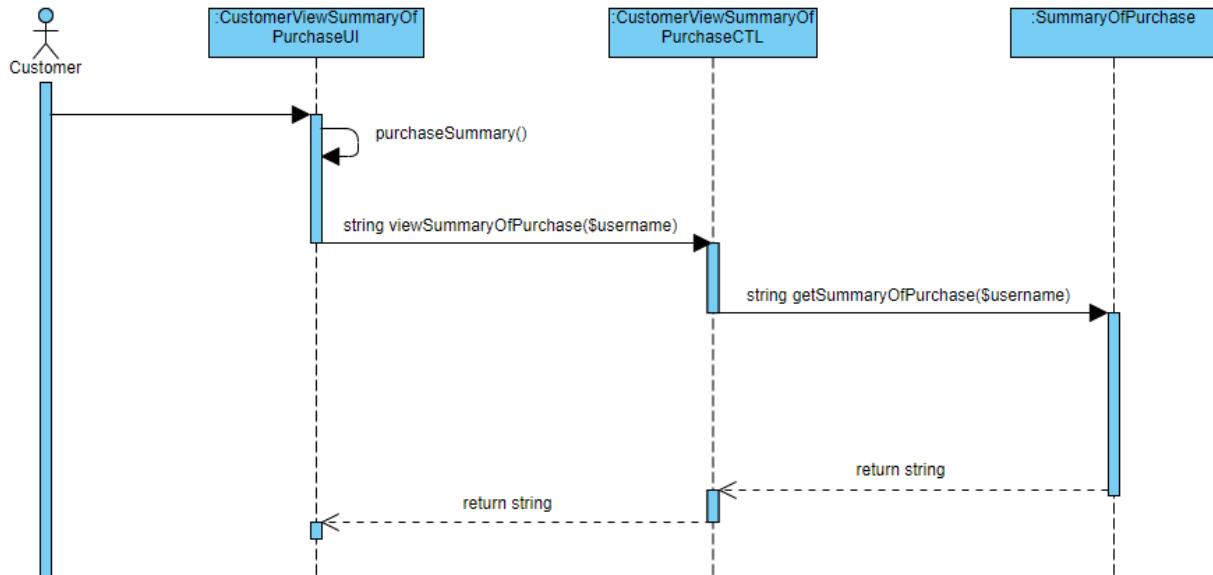
#520 Use Case Description

Name : Customer - View Summary Of Purchase	ID: #520
Stakeholders and goals : Customer - Want to View Summary Of Purchase	
Description : A Customer - Want to View Summary Of Purchase that was purchased	
Actors : Customer	
Precondition: Customer is logged in	
Trigger : Customer clicks on Summary Of Purchase tab	
Normal flow: <ol style="list-style-type: none">1. The System retrieves the customer's purchase history and displays the purchased Tickets, and FoodAndDrinks items history respectively.2. End	
Sub-flows : None	
Alternative/Exceptional flows: None	

#521 BCE Class Diagram



#522 BCE Sequence Diagram



#523 Wireframe



Profile Movie Session Summary Of Purchase Log Out

Purchase Summary

Tickets

Ticket No.	Ticket Price	Ticket Type	Movie Name	Date Time	Seat No.	Hall No	time Purchased
1	10	Adult	A Movie Title	2023-3-17 10:10:00	A1	1	2023-3-17 10:10:00
2	10	Adult	A Movie Title	2023-3-17 10:10:00	A1	1	2023-3-17 10:10:00
3	10	Adult	A Movie Title	2023-3-17 10:10:00	A1	1	2023-3-17 10:10:00

Food And Drinks:

Receipt Number	Item Name	Item price	Quantity	Total Price	Purchase Time	Cinema Name
1	Food And Drinks Name	10	1	10	2023-3-17 10:10:00	GV
2	Food And Drinks Name	10	1	10	2023-3-17 10:10:00	GV
3	Food And Drinks Name	10	1	10	2023-3-17 10:10:00	GV

#526 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-526				
Test Case Description :	Customer - View Summary of Purchase				
Pre-Condition :	User is logged in				
Test Data File :	purchaseFoodAndDrink_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-526-1	Select option to view Summary of Purchase	-	Displays all purchases made by the logged in user	All movie ticket and foodanddrink purchases are displayed on screen	Pass

Taiga

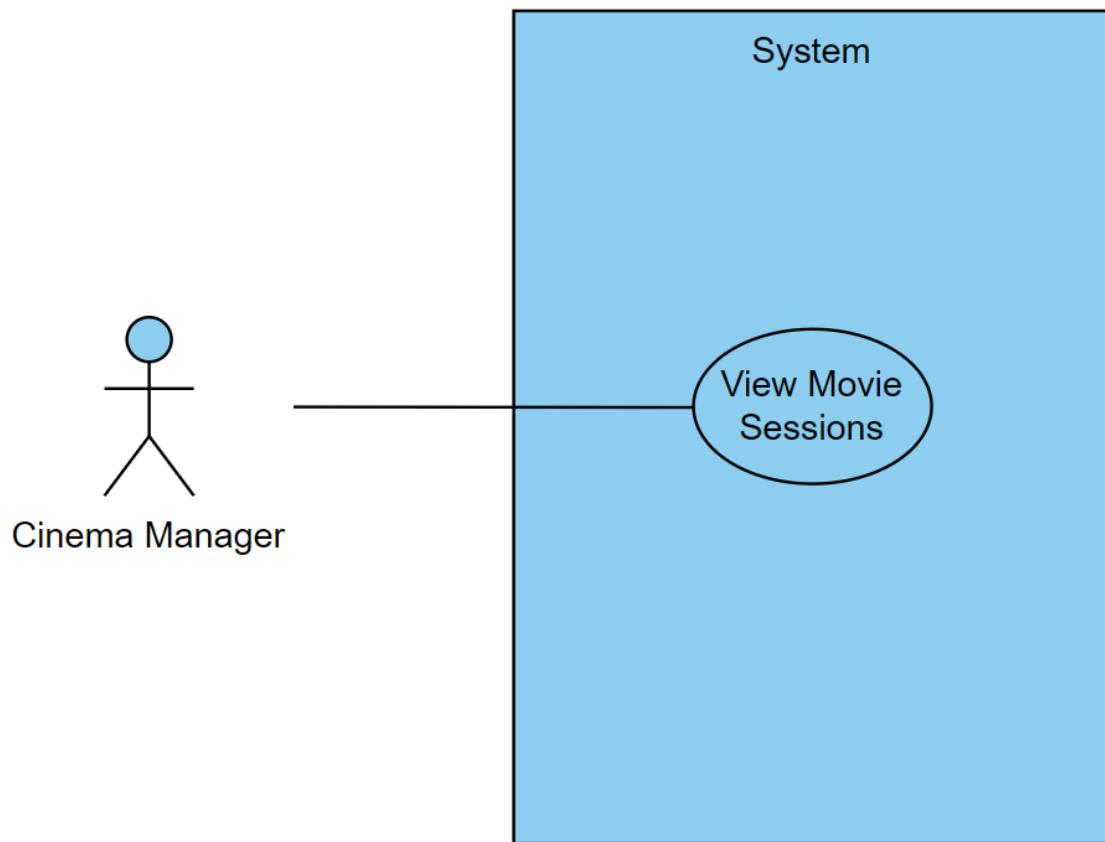
The screenshot shows the Taiga project management interface for the SIM2023Q2-BrainDead project. The current sprint is Sprint 3, running from 26 April 2023 to 03 May 2023. The backlog is organized into columns: NEW, IN PROGRESS, READY FOR TEST, CLOSED, and NEEDS INFO. A user story titled "#8 Customer-View Summary Of Purchase" is expanded, showing its tasks: #526 Conduct Testing, #525 Do Frontend Coding, #524 Do Backend Coding, #523 Draw Wireframe, #521 Draw BCE Class Diagram, #519 Draw Use Case Diagram, #520 Do Use Case Description, and #522 Draw BCE Sequence Diagram.

Cinema Manager - View-Movie Session

#18 User Story

As a Cinema Manager, I want to view movie sessions so that I can have an overview of all movie sessions.

#579 Use Case Diagram



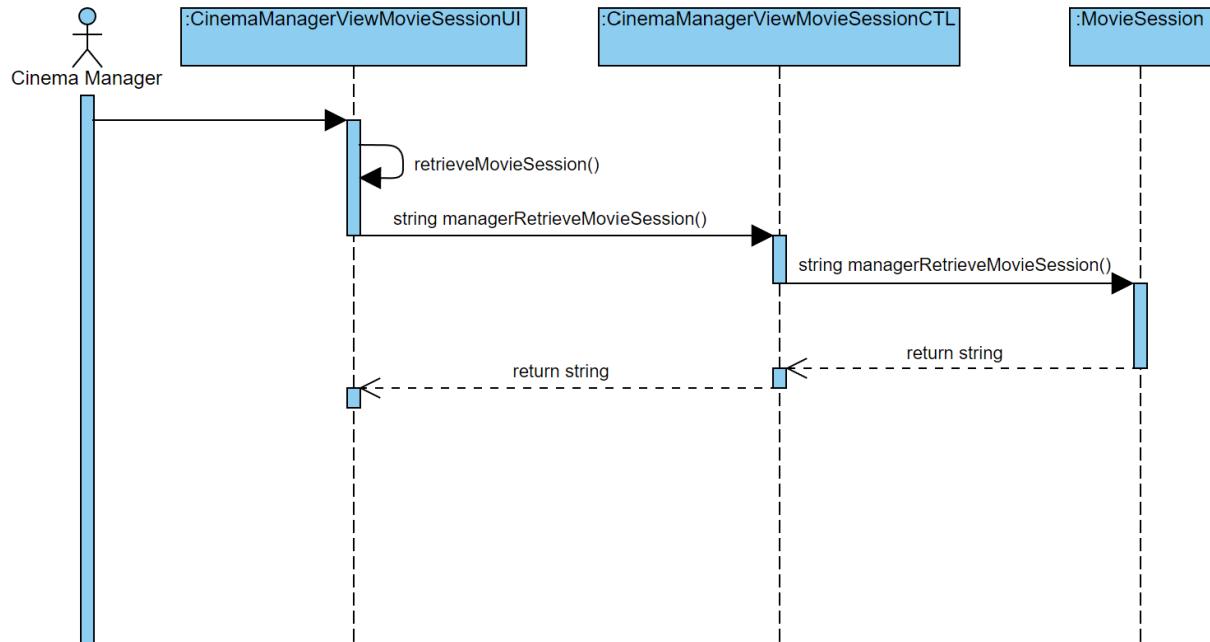
#580 Use Case Description

Name : Cinema Manager - View Movie Sessions	ID: #580
Stakeholders and goals : Cinema Manager- Wants to View Movie Sessions	
Description : Cinema Manager wants to View Movie Sessions	
Actors : Cinema Manager	
Precondition : Cinema Manager is on the Movie session tab	
Trigger : Cinema Manager clicks on View Movie Session link	
Normal flow: <ol style="list-style-type: none">1. The System retrieves all Movie Sessions from the database and displays it.2. End.	
Sub-flows : None	
Alternative/Exceptional flows: None	

#581 BCE Class Diagram



#582 BCE Sequence Diagram



Cinema Manager Movie Session UI Page



Profile Movie Sessions Cinema Rooms Ticket Types Food And Drinks Log Out

Movie Sessions

- > Create Movie Session
- > View Movie Session

#583 Wireframe



Profile	Movie Sessions	Cinema Rooms	Ticket Types	Food And Drinks	Log Out			
<h2>View Movie Sessions</h2>								
Search Bar: <input type="text"/>			Search <input type="button" value="Search"/>					
Movie Name	Movie Description	Hall No	Screening Date	Time	Duration	Suspend	Update	Suspend
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing.	1	2023-3-17	10:10:00	90 Minutes	N	<u>Update</u>	<u>Suspend</u>
A Movie Title		Back						

#586 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-586				
Test Case Description :	Cinema Manager- View Movie Session				
Pre-Condition :	User is on CinemaManagerMovieSession UI page				
Test Data File :	moviesession_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-586-1	Select "View Movie Session" to view all movie sessions	-	Displays all available movie sessions	A table containing existing movie sessions is displayed	Pass

Taiga

The screenshot shows the Taiga project management interface. On the left, there's a sidebar with links for Projects, Scrum, Backlog, Issues, Search, Wiki, and Team. The main area displays Sprint 3 from April 26 to May 3, 2023. The sprint progress bar is at 0% completion. Below the progress bar, there are statistics: 0 total points, 0 completed points, 0 open tasks, 162 closed tasks, and 0 cocaine doses. The backlog is shown as a Kanban board with columns: USER STORY, NEW, IN PROGRESS, READY FOR TEST, CLOSED, and NEEDS INFO. A user story titled "#18 Cinema Manager-View Movie Sessions" is in the NEW column. To the right of the backlog, a list of tasks is visible, each with a small icon and a status indicator:

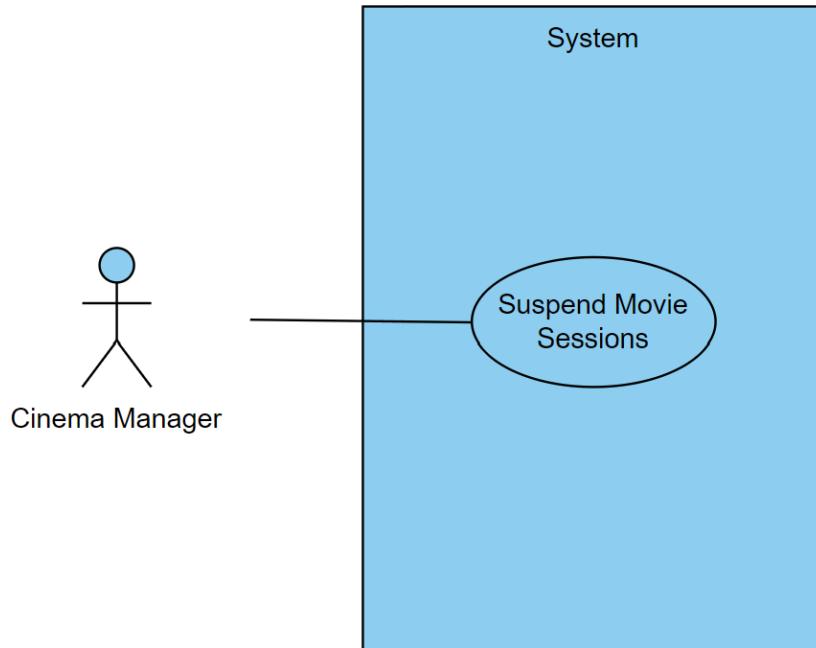
- #584 Do Backend Coding (In Progress)
- #586 Conduct Testing (In Progress)
- #579 Draw Use Case Diagram (Needs Info)
- #580 Do Use Case Description (Needs Info)
- #585 Do Frontend Coding (In Progress)
- #583 Draw Wireframe (Needs Info)
- #581 Draw BCE Class Diagram (Needs Info)
- #582 Draw BCE Sequence Diagram (Needs Info)

Cinema Manager - Suspend Movie Session

#20 User Story

As a Manager, I want to suspend the movie sessions so that I can stop showing certain movies sessions.

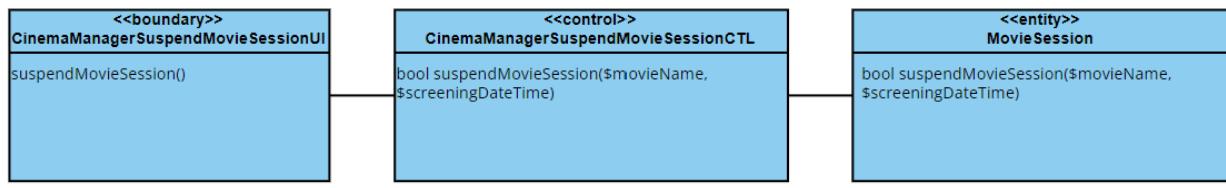
#587 Use Case Diagram



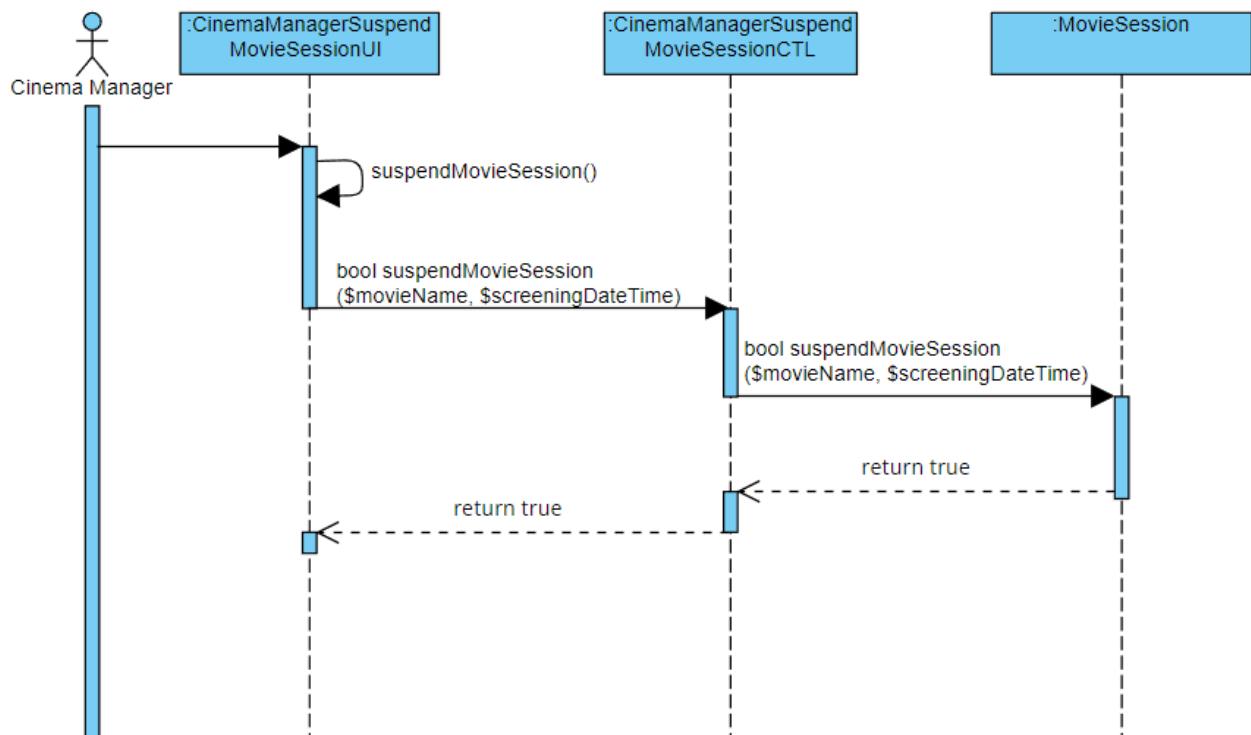
#588 Use Case Description

Name : Cinema Manager - Suspend Movie Session	ID : #588
Stakeholders and goals : Cinema Manager - Wants to Suspend Movie Session	
Description : Cinema Manager wants to Suspend Movie Session to suspend the created movie session.	
Actors : Cinema Manager	
Precondition : Cinema Manager is in the Cinema Manager View Movie Session UI page	
Trigger : Customer selects which Movie Session to suspend and clicks on the respective Suspend button.	
Normal flow: <ol style="list-style-type: none">1. The System will update and displays the Movie Session Suspend Status.2. End	
Sub-flows : None	
Alternative/Exceptional flows: None	

#589 BCE Class Diagram



#590 BCE Sequence Diagram



#591 Wireframe

The wireframe shows a user interface for managing movie sessions. At the top, there is a navigation bar with a logo (a triangle icon), menu items (Profile, Movie Sessions, Cinema Rooms, Ticket Types, Food And Drinks), and a Log Out button. Below the navigation bar is a section titled "View Movie Sessions". This section includes a search bar with a placeholder "Search Bar:" and a "Search" button. A large table displays movie session data. The table has columns for Movie Name, Movie Description, Hall No, Screening Date, Time, Duration, Suspend, and Update Suspend. The "Movie Name" column lists "A Movie Title" repeated 15 times. The "Movie Description" column contains placeholder text: "Lorem ipsum dolor sit amet, consectetur adipiscing...". The "Hall No" column shows values from 1 to 15. The "Screening Date" and "Time" columns show "2023-3-17" and "10:10:00" respectively. The "Duration" column shows "90 Minutes". The "Suspend" and "Update Suspend" columns both show "N". At the bottom of the table is a "Back" button.

Movie Name	Movie Description	Hall No	Screening Date	Time	Duration	Suspend	Update Suspend
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing...	1	2023-3-17	10:10:00	90 Minutes	N	Update Suspend
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing...	1	2023-3-17	10:10:00	90 Minutes	N	Update Suspend
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing...	1	2023-3-17	10:10:00	90 Minutes	N	Update Suspend
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing...	1	2023-3-17	10:10:00	90 Minutes	N	Update Suspend
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing...	1	2023-3-17	10:10:00	90 Minutes	N	Update Suspend
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing...	1	2023-3-17	10:10:00	90 Minutes	N	Update Suspend
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing...	1	2023-3-17	10:10:00	90 Minutes	N	Update Suspend
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing...	1	2023-3-17	10:10:00	90 Minutes	N	Update Suspend
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing...	1	2023-3-17	10:10:00	90 Minutes	N	Update Suspend
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing...	1	2023-3-17	10:10:00	90 Minutes	N	Update Suspend
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing...	1	2023-3-17	10:10:00	90 Minutes	N	Update Suspend
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing...	1	2023-3-17	10:10:00	90 Minutes	N	Update Suspend
A Movie Title	Lorem ipsum dolor sit amet, consectetur adipiscing...	1	2023-3-17	10:10:00	90 Minutes	N	Update Suspend
A Movie Title		1	2023-3-17	10:10:00	90 Minutes	N	Update Suspend

[Back](#)

#594 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-594				
Test Case Description :	Cinema Manager- Suspend Movie Session				
Pre-Condition :	User is on CinemaManagerViewMovieSession UI page				
Test Data File :	moviesession_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-594-1	Select suspend option for selected movie session	Movie session selected to suspend = "A Pulp Fiction"	Suspend status is updated and displayed on the screen	The selected movie session is showed to be suspended.	Pass

Taiga

Sprint 3 26 Apr 2023 to 03 May 2023

0% total points | 0 completed points | 0 open tasks | 162 closed tasks | 0 cocaine doses

Filters subject or reference

ZOOM: Default

USER STORY	NEW	IN PROGRESS	READY FOR TEST	CLOSED	NEEDS INFO
#20 Cinema Manager-Suspend Movie Sessions	+ NEW				#592 Do Backend Coding #587 Draw Use Case Diagram #594 Conduct Testing #588 Do Use Case Description #591 Draw Wireframe #593 Do Frontend Coding #589 Draw BCE Class Diagram #590 Draw BCE Sequence Diagram

Search

Wiki

Team

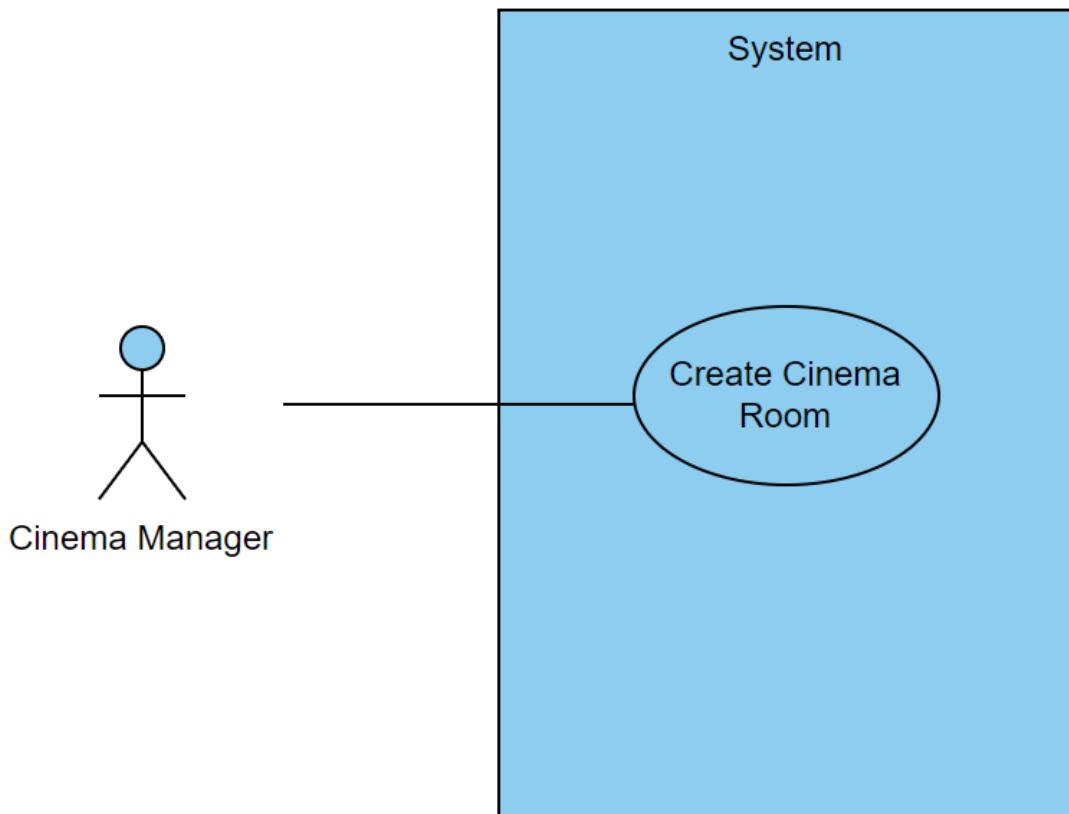
collapse menu

Cinema Manager - Create Cinema Room

#22 User Story

As a Cinema Manager, I want to create a new cinema room so that I can introduce new cinema rooms.

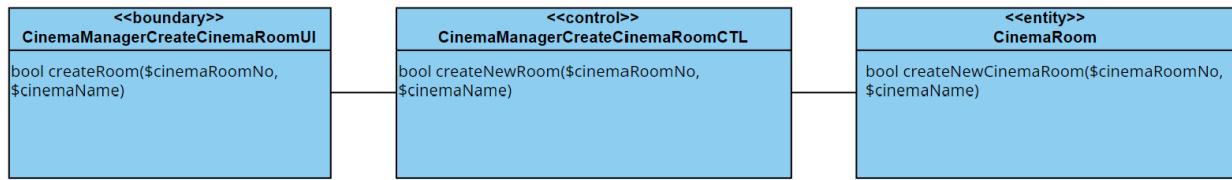
#389 Use Case Diagram



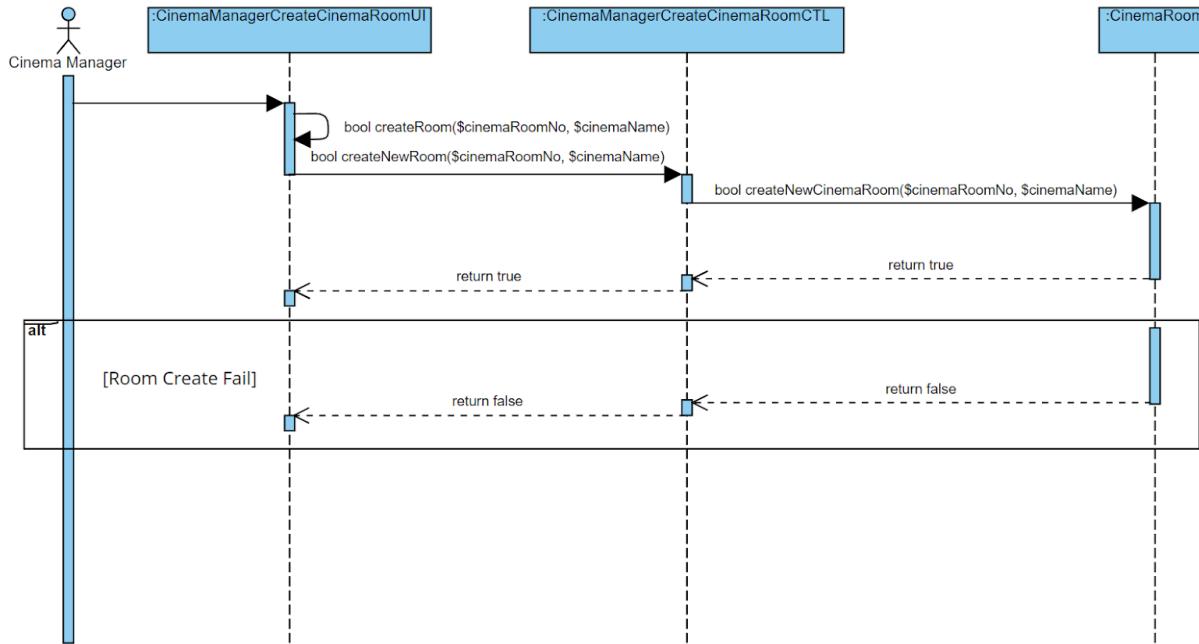
#390 Use Case Description

Name : Cinema Manager - Create Cinema Room	ID: #390
Stakeholders and goals : Cinema manager - Wants to Create Cinema Room	
Description : Cinema Manager wants to Create Cinema Room to introduce new cinema rooms.	
Actors : Cinema Manager	
Precondition : Cinema Manager is in the Cinema Manager Cinema Rooms UI page	
Trigger : Cinema Manager clicks on Add New Cinema Room button	
Normal flow: <ol style="list-style-type: none">1. The System displays the Cinema Manager Create Cinema Room UI page2. The Cinema Manager fills up the fields and clicks on the Create Room button3. The System validates and creates the cinema room in the database.4. End	
Sub-flows : None	
Alternative/Exceptional flows: 3a Room Create Fail: The System validates the input for Hall Number, if it exist the System will prompt display, room will fail to be created.	

#391 BCE Class Diagram



#392 BCE Sequence Diagram



Cinema Manager Cinema Rooms UI Page

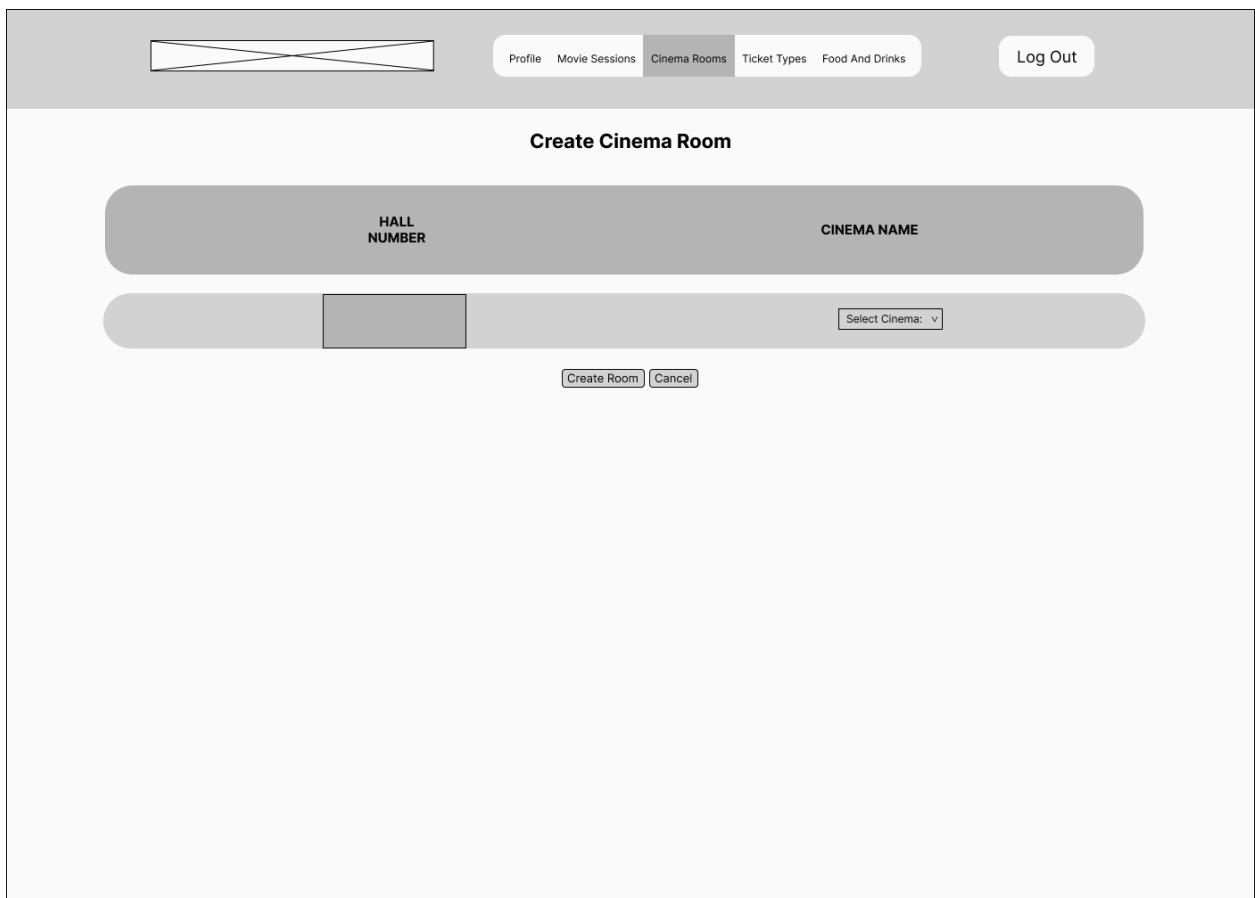


Profile Movie Sessions Cinema Rooms Ticket Types Food And Drinks Log Out

Cinema Rooms

- > Add New Cinema Room
- > View All Cinema Rooms
- > Search Cinema Room

#393 Wireframe



A wireframe diagram of a web application interface for creating a cinema room. The interface is contained within a large rectangular frame.

The top navigation bar includes:

- A logo icon consisting of two overlapping triangles.
- Links: Profile, Movie Sessions, Cinema Rooms (highlighted in grey), Ticket Types, Food And Drinks.
- Log Out button.

The main title is "Create Cinema Room".

The form fields are arranged in two horizontal rows:

- HALL NUMBER**: A text input field.
- CINEMA NAME**: A text input field.

Below the form fields is a dropdown menu labeled "Select Cinema: ▾".

At the bottom of the form are two buttons: "Create Room" and "Cancel".

#396 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-396				
Test Case Description :	Cinema Manager- Create Cinema Room				
Pre-Condition :	User is on CinemaManagerCinemaRoom UI page				
Test Data File :	moviehall_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-396-1	Select "Add New Cinema Room" to create a new cinema room	-	Interface displayed to create new cinema room	Form is displayed to create new cinema room	Pass
TC-396-2	Create new cinema room with <u>new</u> room number	HallNo = 101 CinemaName = "GV"	Message display on screen to show that profile update is successful.	"New Cinema Room Added !" is displayed upon successful creation.	Pass
TC-396-3	Create cinema room with <u>existing</u> Cinema Room number	HallNo = 1 CinemaName = "GV"	Message displays that new cinema room is not able to be created	"Room Failed to be created. It may already exist! " is displayed when creation fails	Pass

Taiga

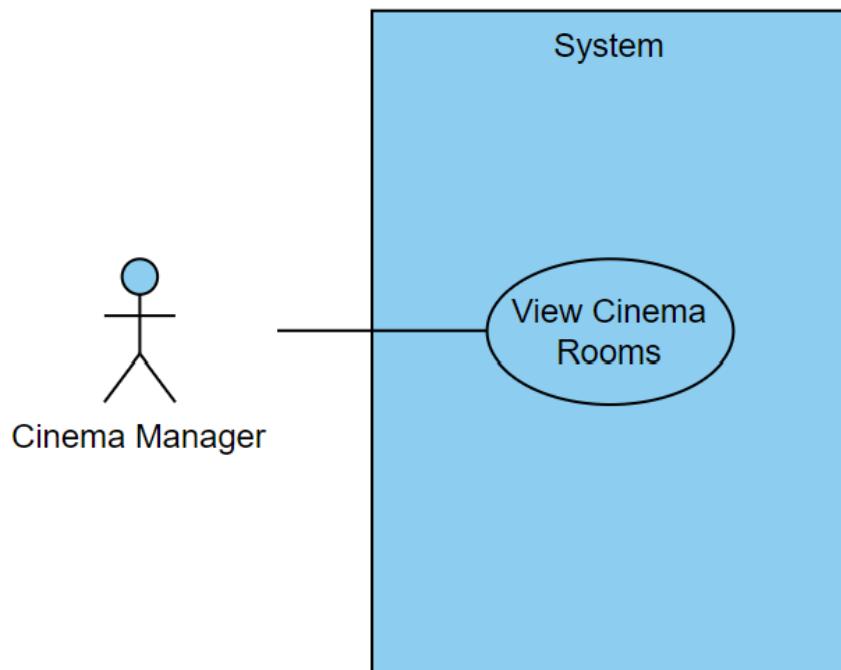
The screenshot shows the Taiga project management interface. On the left, there's a sidebar with links for Projects, Scrum, Backlog, and Issues. The main area displays Sprint 3 from April 26 to May 3, 2023. The progress bar shows 0% completion with 0 total points and 0 completed points. There are 0 open tasks and 162 closed tasks. Below the progress bar, the backlog is listed under 'USER STORY' with columns for NEW, IN PROGRESS, READY FOR TEST, CLOSED, and NEEDS INFO. A user story titled '#22 Cinema Manager-Create Cinema Room' is in the NEW column. To the right of the backlog, a list of tasks is shown, each with a title, status (e.g., #389 Draw Use Case Diagram, #391 Draw BCE Class Diagram), and a small icon. The tasks are: #389 Draw Use Case Diagram, #391 Draw BCE Class Diagram, #390 Do Use Case Description, #392 Draw BCE Sequence Diagram, #396 Conduct Testing, #394 Do Backend Coding, #393 Draw Wireframe, and #395 Do Frontend Coding.

Cinema Manager - View Cinema Room

#23 User Story

As a Cinema Manager, I want to view cinema rooms so that I can have an overview of all the cinema rooms.

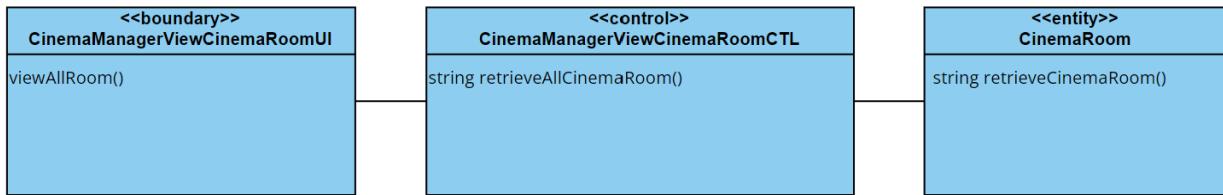
#397 Use Case Diagram



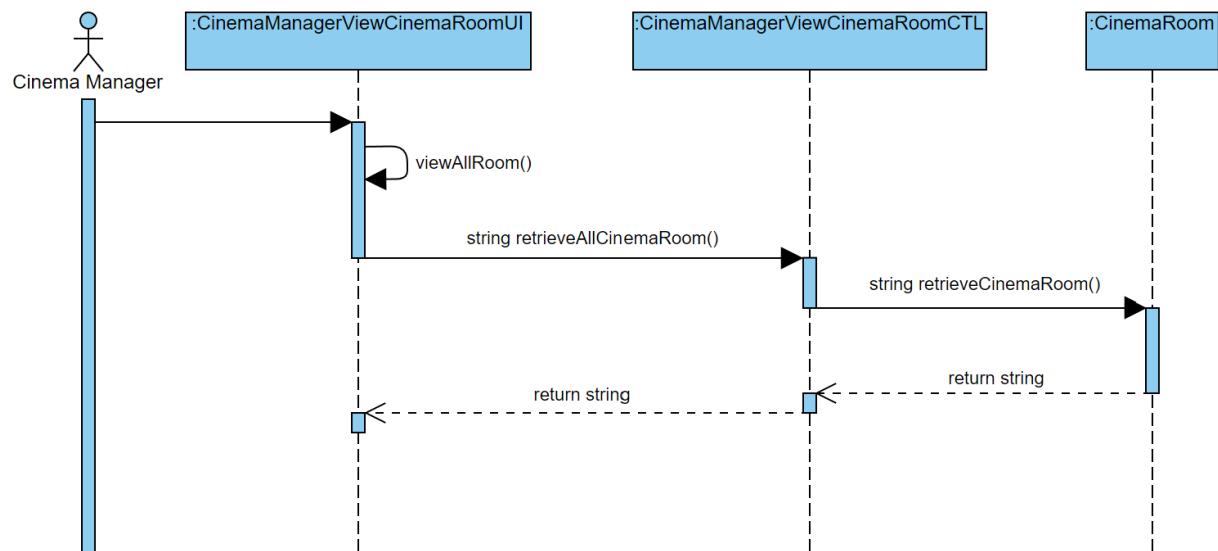
#398 Use Case Description

Name : Cinema Manager - View Cinema Rooms	ID: #398
Stakeholders and goals : Cinema Manager - Wants to View Cinema Room	
Description : Cinema Manager wants to View Cinema Rooms to have an overview of all cinema rooms.	
Actors : Cinema Manager	
Precondition : Cinema Manager is on Cinema Manager Cinema Rooms UI page	
Trigger : Customer clicks on View All Cinema Room link	
Normal flow: <ol style="list-style-type: none">1. The System retrieve the cinema room details and displays it on the Cinema View Cinema Room page2. End	
Sub-flows : None	
Alternative/Exceptional flows: None	

#399 BCE Class Diagram



#400 BCE Sequence Diagram



Cinema Manager Cinema Room UI Page



Profile Movie Sessions Cinema Rooms Ticket Types Food And Drinks Log Out

Cinema Rooms

- > Add New Cinema Room
- > View All Cinema Rooms
- > Search Cinema Room

#401 Wireframe



Profile Movie Sessions Cinema Rooms Ticket Types Food And Drinks Log Out

Viewing All Cinema Rooms

HALL NUMBER	CINEMA NAME	IS SUSPENDED?	Actions
1	cinema name	N	<button>Update</button> <button>Suspend</button>
2	cinema name	N	<button>Update</button> <button>Suspend</button>
3	cinema name	N	<button>Update</button> <button>Suspend</button>
4	cinema name	N	<button>Update</button> <button>Suspend</button>

#404 Conduct Testing

Project Name :	BrainDead					
Test CaseID :	TC-404					
Test Case Description :	Cinema Manager-View Cinema Room					
Pre-Condition :	User is on CinemaManagerCinemaRoom UI page					
Test Data File :	moviehall_sql.txt					
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail	
TC-404-1	Select "View All Cinema Rooms" to view all cinema rooms	-	Display all available cinema rooms	A table containing all existing cinema rooms is displayed	Pass	

Taiga

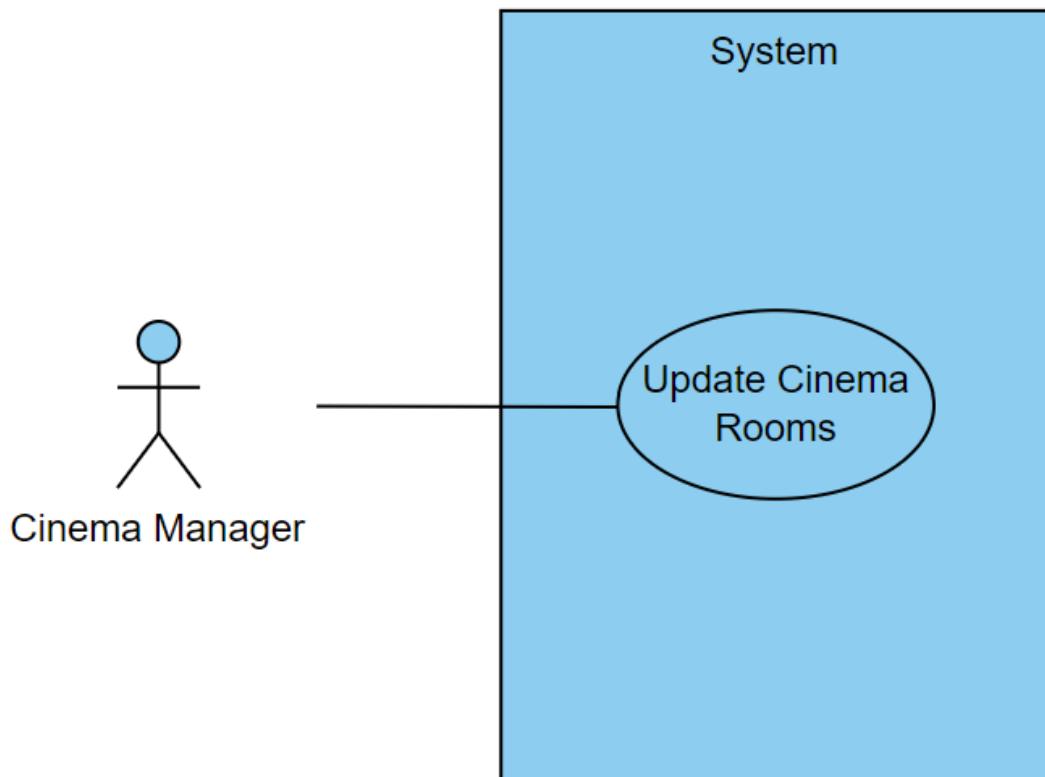
The screenshot shows the Taiga project management interface. On the left, there's a sidebar with project navigation: SIM2023Q2-BrainDead, Scrum, Backlog, Issues, Search, wiki, and Team. Below the sidebar, the main area displays the 'Sprint 3' backlog from April 26 to May 3, 2023. The backlog is organized into columns: USER STORY, NEW, IN PROGRESS, READY FOR TEST, CLOSED, and NEEDS INFO. A user story titled '#23 Cinema Manager-View Cinema Rooms' is currently in the NEW column. To its right, several tasks are listed under the CLOSED column, including '#402 Do Backend Coding', '#398 Do Use Case Description', '#404 Conduct Testing', '#397 Draw Use Case Diagram', '#399 Draw BCE Class Diagram', '#400 Draw BCE Sequence Diagram', '#403 Do Frontend Coding', and '#401 Draw Wireframe'. Each task has a small circular icon next to it.

Cinema Manager - Update Cinema Rooms

#24 User Story

As a Cinema Manager, I want to update the cinema rooms so that I can edit the cinema rooms.

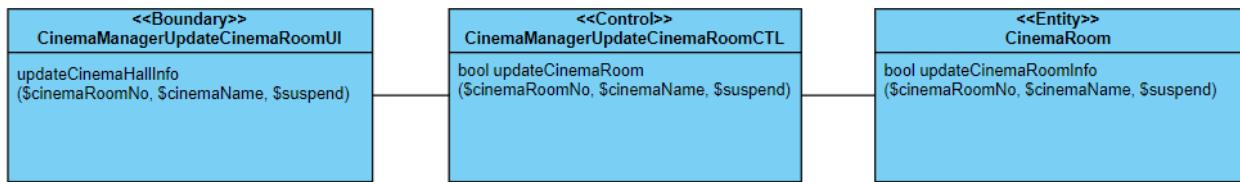
#405 Use Case Diagram



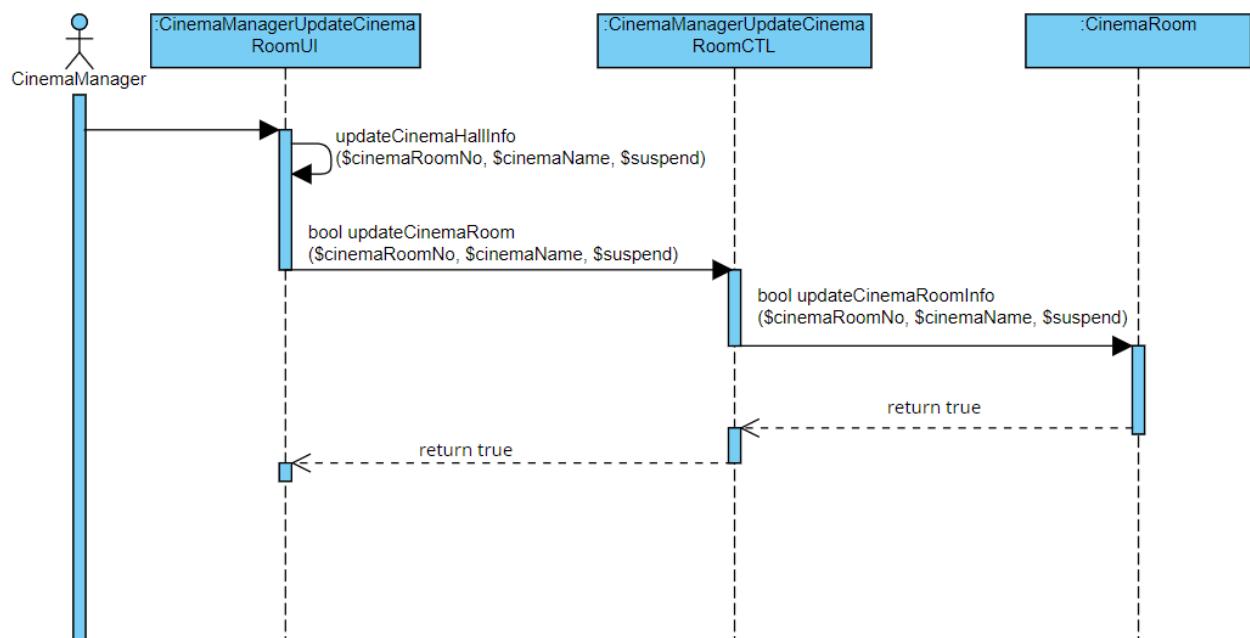
#406 Use Case Description

Name : Cinema Manager - Update Cinema Rooms	ID: #406
Stakeholders and goals : Cinema Manager - Wants to Update Cinema Rooms	
Description : Cinema Manager wants to Update Cinema Rooms to update the cinema suspended status.	
Actors : Cinema Manager	
Precondition : Cinema Manager is on the Cinema Manager View Cinema Room UI page	
Trigger : Cinema Manager clicks on the Update button respectively for the specific Cinema Room that requires updates.	
Normal flow: <ol style="list-style-type: none">1. The System displays the update cinema room page2. The Cinema Manager selects the option to unsuspend cinema room and clicks Confirm Change.3. The system saves the changes and prompts the user with a success message before redirecting to View cinema room page4. End	
Sub-flows : None	
Alternative/Exceptional flows: None	

#407 BCE Class Diagram



#408 BCE Sequence Diagram



Cinema Manager View Cinema Room UI Page

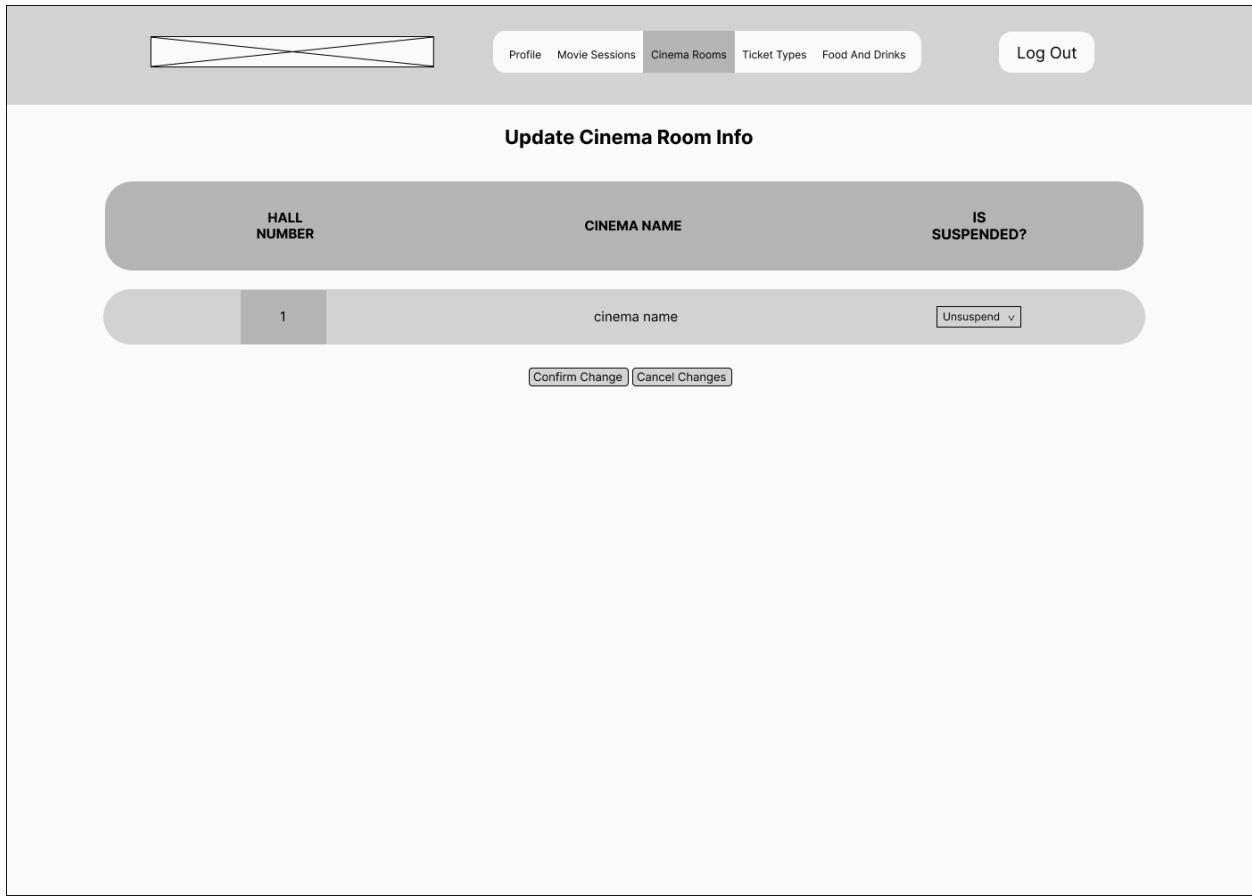


Profile Movie Sessions Cinema Rooms Ticket Types Food And Drinks Log Out

Viewing All Cinema Rooms

HALL NUMBER	CINEMA NAME	IS SUSPENDED?	Actions
1	cinema name	N	Update Suspend
2	cinema name	N	Update Suspend
3	cinema name	N	Update Suspend
4	cinema name	N	Update Suspend

#409 Wireframe



The wireframe shows a user interface for updating cinema room information. At the top, there is a navigation bar with links for Profile, Movie Sessions, Cinema Rooms (which is the active tab), Ticket Types, and Food And Drinks, along with a Log Out button. Below the navigation bar is a section titled "Update Cinema Room Info". This section contains a table with three columns: "HALL NUMBER", "CINEMA NAME", and "IS SUSPENDED?". The "HALL NUMBER" column has a value of "1". The "CINEMA NAME" column contains the placeholder text "cinema name". The "IS SUSPENDED?" column contains a dropdown menu with the option "Unsuspend" selected. At the bottom of this section are two buttons: "Confirm Change" and "Cancel Changes".

HALL NUMBER	CINEMA NAME	IS SUSPENDED?
1	cinema name	Unsuspend ✓

[Confirm Change](#) [Cancel Changes](#)

#412 Conduct Testing

Project Name :	BrainDead
Test CaseID :	TC-412
Test Case Description :	Cinema Manager- Update Cinema Rooms
Pre-Condition :	User is on CinemaManagerViewCinemaRoom UI page
Test Data File :	moviehall_sql.txt

Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-412-1	Select option to update a certain cinema room	Cinema Room = 1	Interface for updating Cinema room is displayed	A form to update selected cinema room is displayed	Pass
TC-412-2	Enter information to update and submit.	Is Suspended = "Unsuspend"	Message display on screen to show that cinema room update is successful.	"SUCCESS: Room Info Changed !" is displayed when update is successful.	Pass

Taiga

The screenshot shows the Taiga project management interface. On the left, there's a sidebar with links for Projects, SIM2023Q2-BrainDead (selected), Scrum, Backlog, Issues, Search, Wiki, and Team. The main area displays Sprint 3 from April 26 to May 3, 2023. The progress bar shows 0% completion with 0 total points, 0 completed points, 0 open tasks, 162 closed tasks, and 0 cocaine doses. Below the progress bar is a table of user stories:

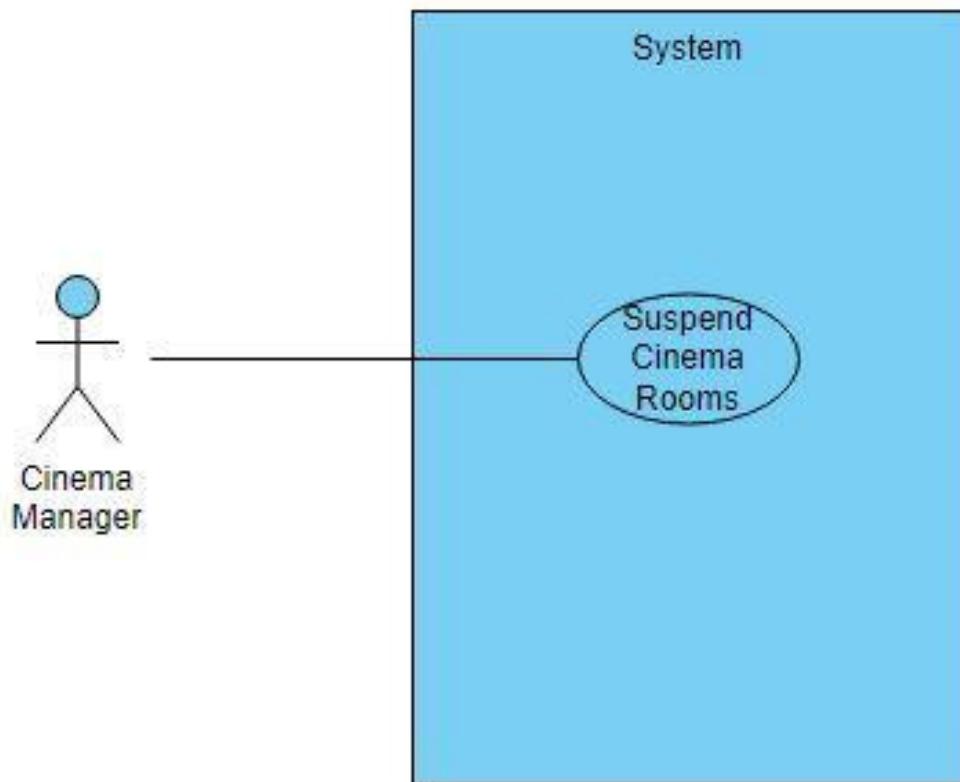
USER STORY	NEW	IN PROGRESS	READY FOR TEST	CLOSED	NEEDS INFO
#24 Cinema Manager- Update Cinema Rooms N/E	+			#405 Draw Use Case Diagram #412 Conduct Testing #409 Draw Wireframe #411 Do Frontend Coding #408 Draw BCE Sequence Diagram #410 Do Backend Coding #407 Draw BCE Class Diagram #406 Do Use Case Description	

Cinema Manager - Suspend Cinema Rooms

#25 User Story

As a Cinema Manager, I want to suspend the cinema rooms so that I can set some cinema rooms as inactive.

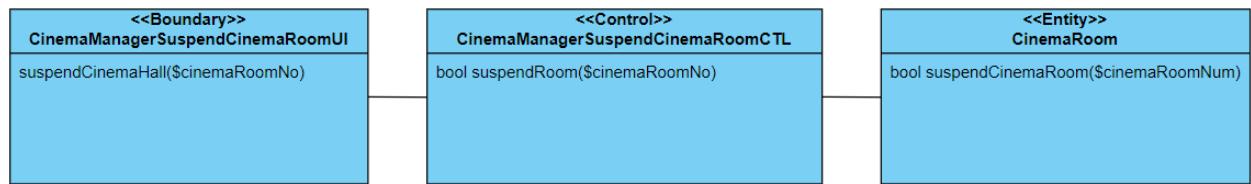
#421 Use Case Diagram



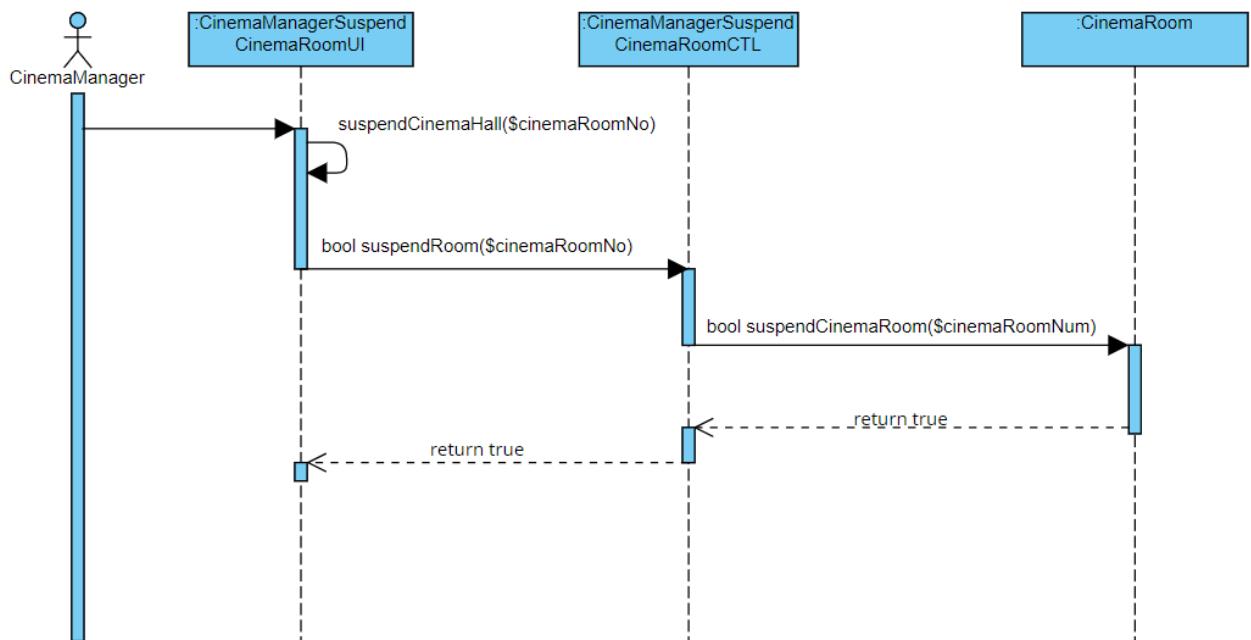
#422 Use Case Description

Name : Cinema Manager - Suspend Cinema Rooms	ID: #422
Stakeholders and goals : Cinema Manager - Wants to Suspend Cinema Rooms	
Description : Cinema Manager wants to Suspend Cinema Rooms to set them as suspended	
Actors : Cinema Manager	
Precondition : Cinema Manager is in the Cinema Manager View Cinema Room UI page	
Trigger : Cinema Manager clicks the Suspend button	
Normal flow: <ol style="list-style-type: none">1. The System displays a message success , room suspended then refreshes the page and stays on the View cinema room page.2. End	
Sub-flows : None	
Alternative/Exceptional flows:	

#423 BCE Class Diagram



#424 BCE Sequence Diagram



#425 Wireframe



Profile Movie Sessions Cinema Rooms Ticket Types Food And Drinks Log Out

Viewing All Cinema Rooms

HALL NUMBER	CINEMA NAME	IS SUSPENDED?	Actions
1	cinema name	N	<button>Update</button> <button>Suspend</button>
2	cinema name	N	<button>Update</button> <button>Suspend</button>
3	cinema name	N	<button>Update</button> <button>Suspend</button>
4	cinema name	N	<button>Update</button> <button>Suspend</button>

#428 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-428				
Test Case Description :	Cinema Manager- Suspend Cinema Room				
Pre-Condition :	User is on CinemaManagerViewCinemaRoom UI page				
Test Data File :	moviehall_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-428-1	Select suspend option for chosen cinema room	Cinema Hall = 1	Message display on screen to show that cinema room is suspended	"SUCCESS: Room suspended !" is displayed upon successful room suspension.	Pass

Taiga

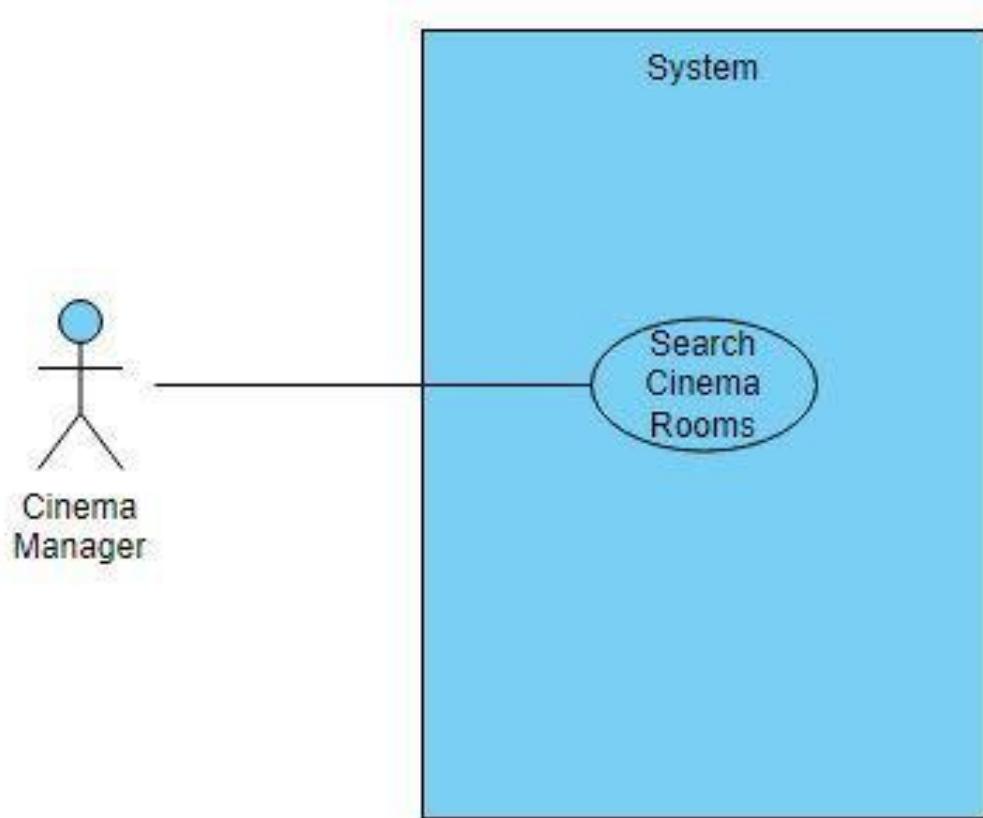
The screenshot shows the Taiga project management interface. On the left, there's a sidebar with links for Projects, SIM2023Q2-BrainDead (selected), Scrum, Backlog, Issues, Search, Wiki, and Team. The main area displays the 'Sprint 3' board from April 26 to May 3, 2023. The board has columns: NEW, IN PROGRESS, READY FOR TEST, CLOSED, and NEEDS INFO. A user story titled '#25 Cinema Manager-Suspend Cinema Rooms' is in the NEW column. In the CLOSED column, there is a list of tasks: #421 Draw Use Case Diagram, #425 Draw Wireframe, #427 Do Frontend Coding, #424 Draw BCE Sequence Diagram, #423 Draw BCE Class Diagram, #428 Conduct Testing, #426 Do Backend Coding, and #422 Do Use Case Description. Each task has a small circular icon next to it.

Cinema Manager - Search Cinema Rooms

#26 User Story

As a Cinema Manager, I want to search the cinema rooms so that I can review certain cinema rooms.

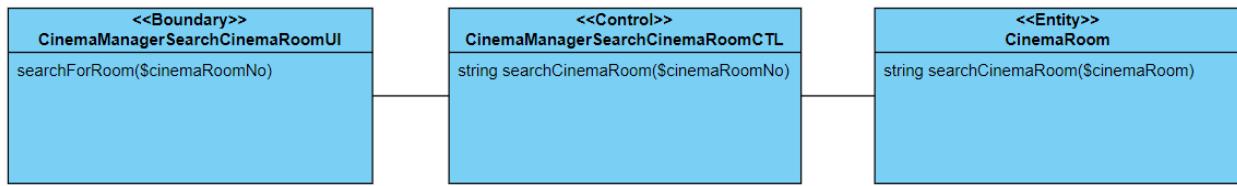
#413 Use Case Diagram



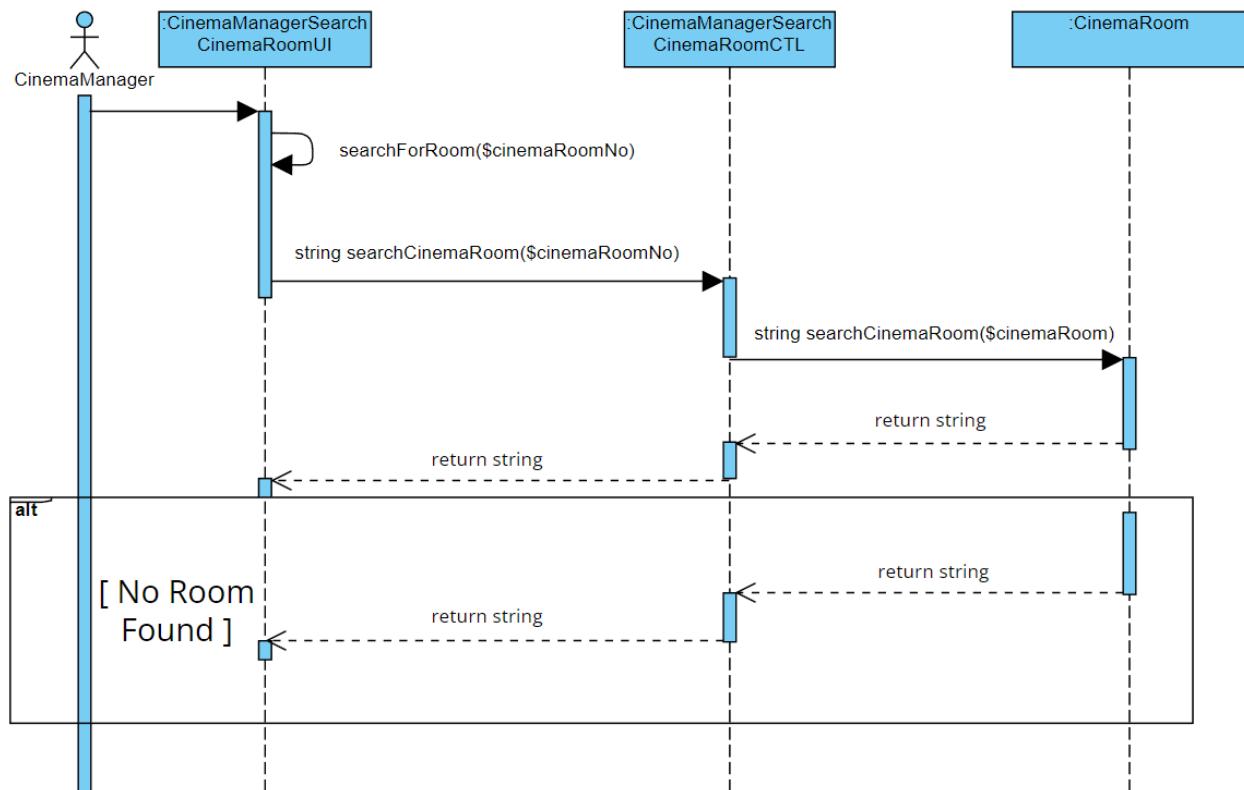
#414 Use Case Description

Name : Cinema Manager - Search for Cinema Room	ID #414
Stakeholders and goals : Cinema Manager - wants to Search for specific Cinema Room	
Description : Cinema Manager wants to Search for specific Cinema Room for review	
Actors : Cinema Manager	
Precondition : Cinema Manager is in the Cinema Manager Cinema Rooms UI page	
Trigger : Cinema Manager clicks on Search Cinema Room link	
Normal flow: <ol style="list-style-type: none">1. Cinema Manager enters search criteria and clicks the Search button.2. The System queries for the specified cinema room number and display it3. End	
Sub-flows : None	
Alternative/Exceptional flows: 2a. No Room Found: The System displays a message to prompt the user that no room is retrieved.	

#415 BCE Class Diagram



#416 BCE Sequence Diagram



Cinema Manager Cinema Rooms UI Page



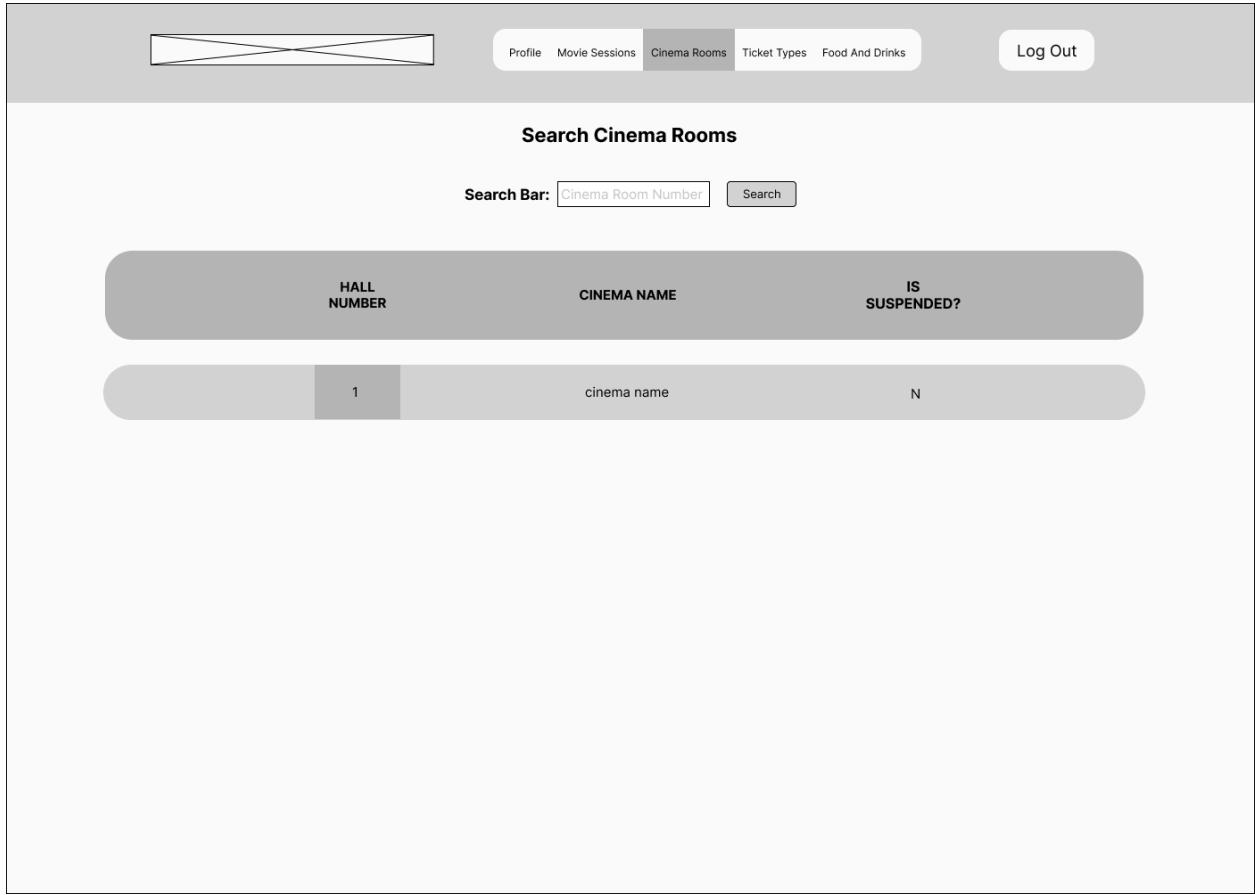
[Profile](#) [Movie Sessions](#) [Cinema Rooms](#) [Ticket Types](#) [Food And Drinks](#)

[Log Out](#)

Cinema Rooms

- > Add New Cinema Room
- > View All Cinema Rooms
- > Search Cinema Room

#417 Wireframe



The wireframe illustrates a user interface for searching cinema rooms. At the top, there is a navigation bar with links for Profile, Movie Sessions, Cinema Rooms (which is the active tab), Ticket Types, and Food And Drinks, along with a Log Out button. Below the navigation bar is a search bar labeled "Search Cinema Rooms" with a placeholder "Cinema Room Number" and a "Search" button. The main content area features a table with three columns: "HALL NUMBER", "CINEMA NAME", and "IS SUSPENDED?". A single row of data is shown, with values 1, cinema name, and N.

HALL NUMBER	CINEMA NAME	IS SUSPENDED?
1	cinema name	N

#420 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-420				
Test Case Description :	Cinema Manager - Search Cinema Rooms				
Pre-Condition :	User is on CinemaManagerCinemaRoom UI page				
Test Data File :	moviehall_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-420-1	Select "Search Cinema Room" to access search menu	-	Search interface is displayed	A form to search for Cinema Room is displayed	Pass
TC-420-2	Enter search criteria into search interface to search for specific <u>existing</u> cinema room	Cinema Room to search for = 1	Result is displayed on screen	Information for searched cinema room is displayed	Pass
TC-420-3	Enter search criteria into search interface to search for specific <u>non-existing</u> cinema room	Cinema Room to search for = 123456	Message display on screen to show that no result found.	"No Room found" is displayed	Pass

Taiga

Sprint 3 26 Apr 2023 to 03 May 2023

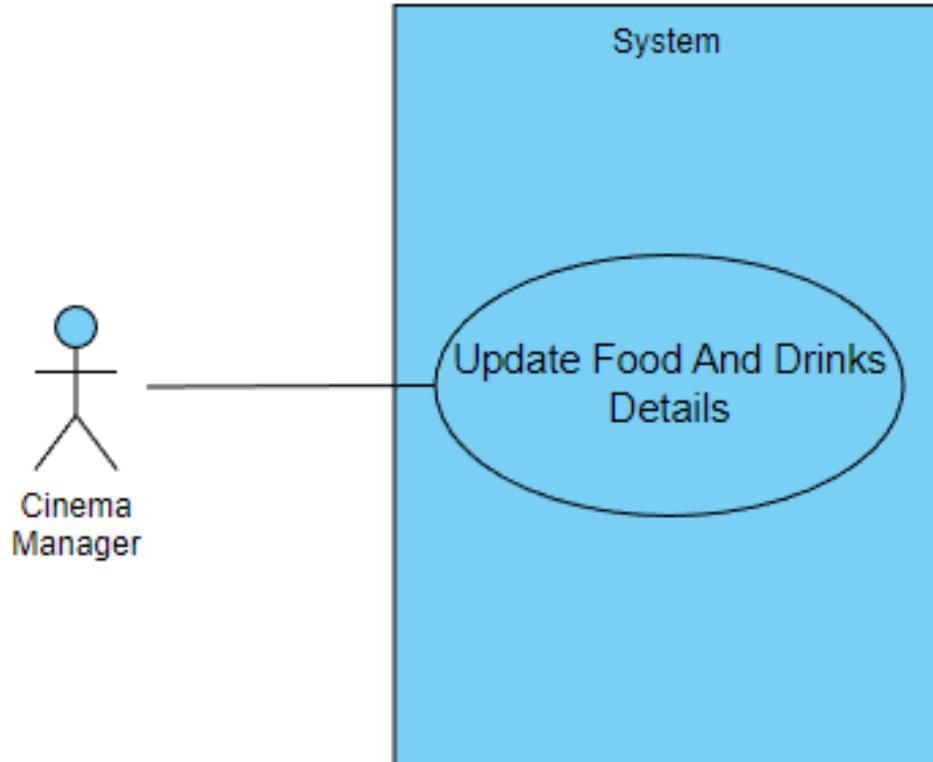
USER STORY	NEW	IN PROGRESS	READY FOR TEST	CLOSED	NEEDS INFO
#26 Cinema Manager-Search Cinema Rooms	NEW			#413 Draw Use Case Diagram #417 Draw Wireframe #419 Do Frontend Coding #416 Draw BCE Sequence Diagram #415 Draw BCE Class Diagram #420 Conduct Testing #418 Do Backend Coding #414 Do Use Case Description	

Cinema Manager - Update Food And Drinks Details

#29 User Story

As a Cinema Manager, I want to update the food and drinks details so that I can make changes to menu items' prices.

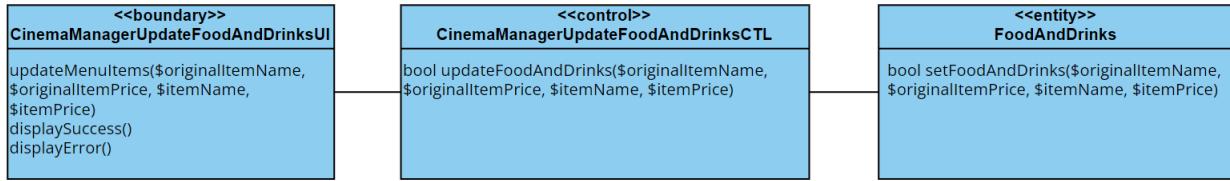
#595 Use Case Diagram



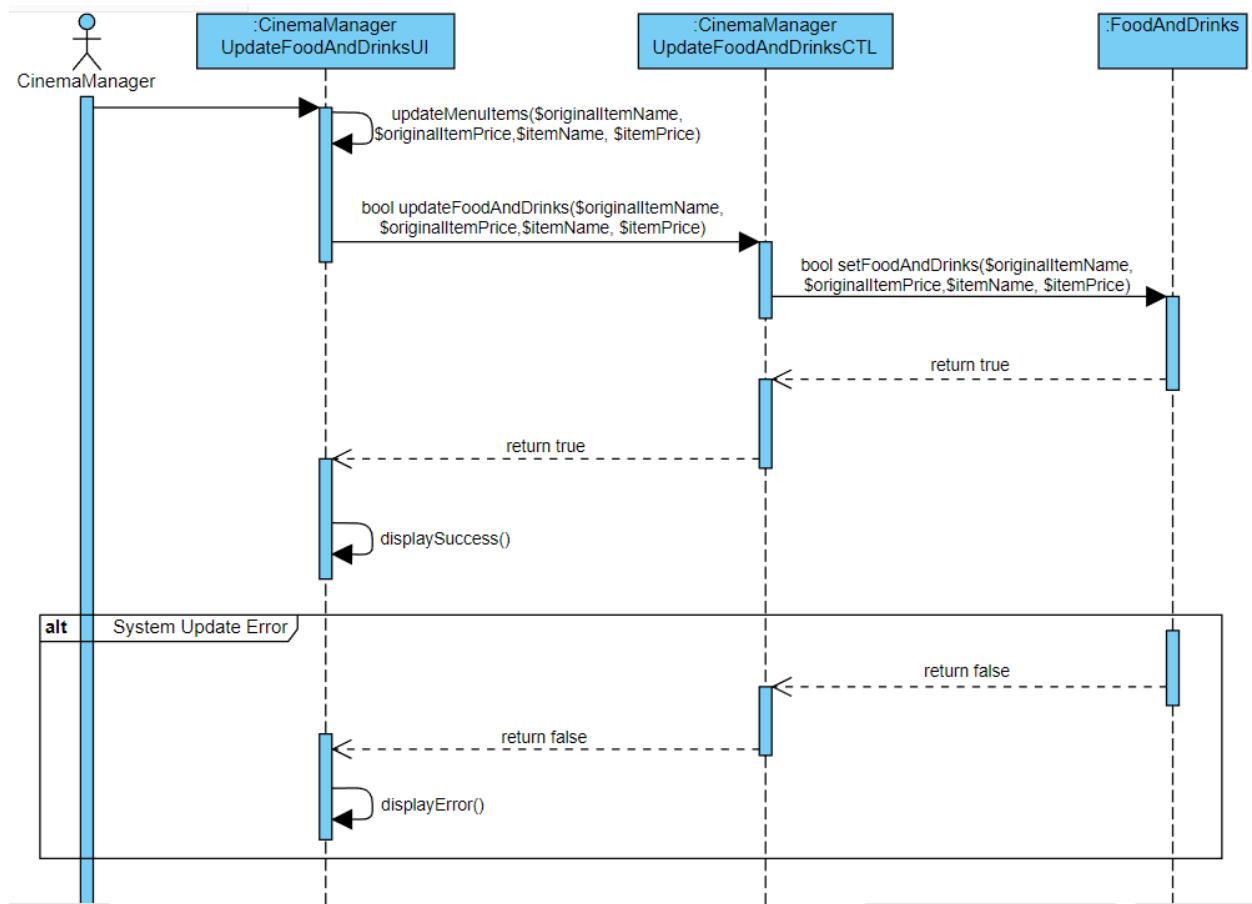
#596 Use Case Description

Name : Cinema manager - Update Food And Drinks	ID: #596
Stakeholders and goals : Cinema Manager - Wants to update food and drinks	
Description : Cinema Manager wants to update food and drinks details to make changes to it.	
Actors : Cinema Manager	
Precondition : Cinema Manager is in the Cinema Manager Food And Drinks UI page	
Trigger : Cinema Manager clicks on the Update Food And Drinks Items link	
Normal flow: <ol style="list-style-type: none">1. The System displays all existing food and drinks item.2. The Cinema Manager clicks on Select button to select item for update.3. The System displays update form with pre-filled item information.4. Cinema Manager fills up the information to be updated and clicks the Update button.5. The System updates the food and drinks item information and displays an alert.6. End	
Sub-flows : None	
Alternative/Exceptional flows: 5a System Update Error - System displays error message when the selected item cannot be updated due to an error.	

#597 BCE Class Diagram



#598 BCE Sequence Diagram



Cinema Manager Food And Drinks UI Page



[Profile](#) [Movie Sessions](#) [Cinema Rooms](#) [Ticket Types](#) [Food And Drinks](#)

[Log Out](#)

Food And Drinks Menu Items

- > Create New Food And Drinks Item
- > View Food And Drinks Items
- > Update Food And Drinks Items
- > Suspend Food And Drinks Items
- > Search Food And Drinks Items

#599 Wireframe

#602 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-602				
Test Case Description :	Cinema Manager - Update Food And Drinks Details				
Pre-Condition :	User is on CinemaManagerFoodAndDrink UI page				
Test Data File :	foodanddrink_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-602-1	Click on "Update Food And Drinks Items" to access update menu for FoodAndDrink details	-	Screen displays all FoodAndDrink items that can be updated.	All existing FoodAndDrink items are shown with option to update them.	Pass
TC-602-2	Select an Food and Drink item to update	Selected Food and Drink Item: "Bottled Water - Large"	Update interface for selected food item will be displayed.	Form for updating of food and drink item is displayed on screen pre-filled with original information.	Pass
TC-602-3	Update the selected Food and Drink Item with new information.	Item Name = "NewItemName" Item Price = 10	Item information is updated and message is displayed on screen.	"Food And Drinks item successfully updated!" is displayed on screen. FoodAndDrink item information is shown updated	Pass
TC-602-4	Update the selected Food and Drink Item with existing Food item name and item price.	Item Name = "Bottle Water - Medium" Item Price = 5	Error message should display on screen that item cannot be updated.	"Food And Drinks item fails to update!" is displayed on screen.	Pass

Taiga

The screenshot shows the Taiga project management interface. On the left, there's a sidebar with 'Projects' (SIM2023Q2-BrainDead), 'Scrum Backlog', 'Issues' (selected), 'Search', 'Wiki', and 'Team'. The main area is titled 'Sprint 3' (26 Apr 2023 to 03 May 2023). It displays a backlog of tasks and user stories. The backlog summary shows 0% completion, 0 total points, 0 completed points, 0 open tasks, 162 closed tasks, and 0 cocaine doses. The user story backlog includes:

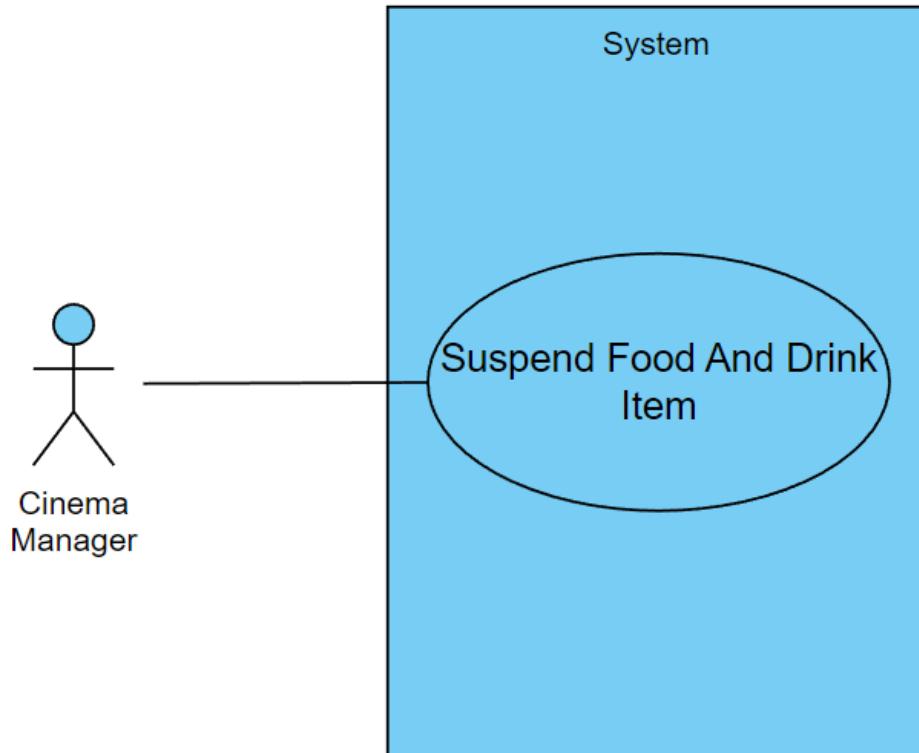
- #29 Cinema Manager-Update Food And Drinks Details (New)
- #597 Draw BCE Class Diagram
- #600 Do Backend Coding
- #602 Conduct Testing
- #595 Draw Use Case Diagram
- #598 Draw BCE Sequence Diagram
- #596 Do Use Case Description
- #601 Do Frontend Coding
- #599 Draw Wireframe

Cinema Manager - Suspend Food And Drink Item

#30 User Story

As a Manager, I want to suspend the food and drink item so that I can suspend menu items.

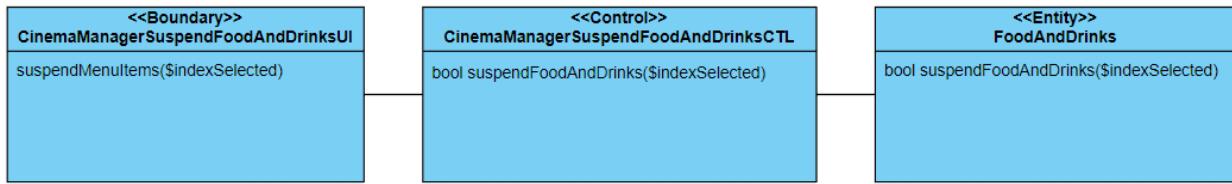
#603 Use Case Diagram



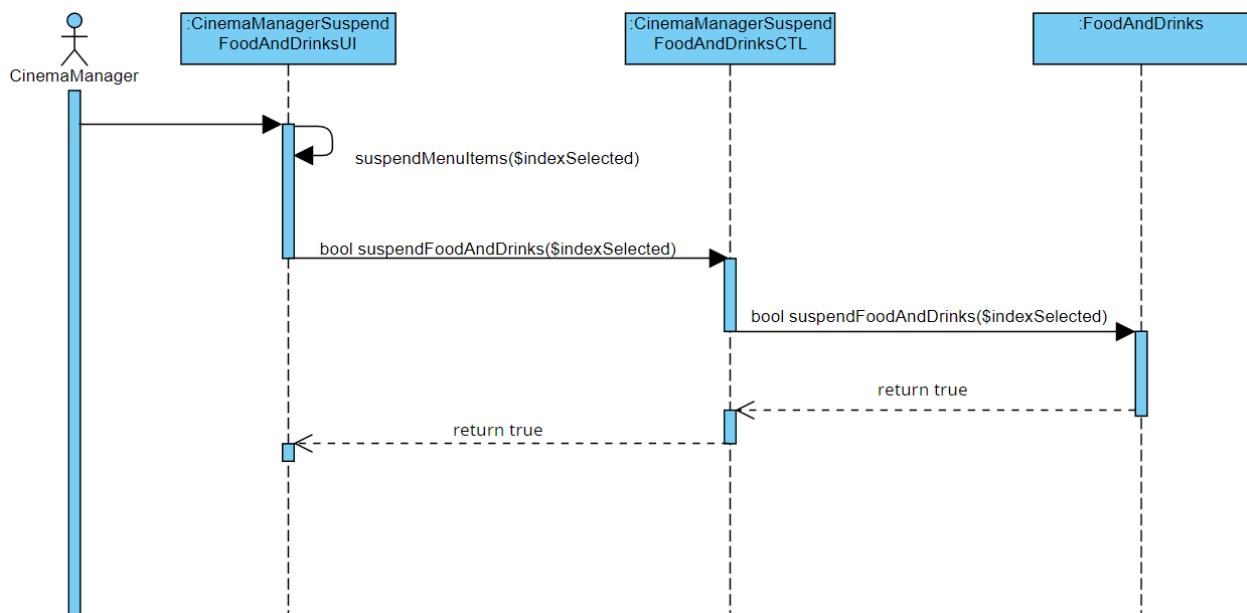
#604 Use Case Description

Name : Cinema Manager - Suspend Food And Drink Item	ID: #604
Stakeholders and goals : Cinema Manager - Wants to Suspend Food And Drink	
Description : Cinema Manager wants to Suspend Food and Drinks to suspend the menu items.	
Actors : Cinema Manager	
Precondition : Cinema Manager is on Cinema Manager Food And Drinks UI page	
Trigger : Cinema Manager clicks on the Suspend Food And Drinks Items link	
Normal flow: <ol style="list-style-type: none">1. The System redirects user to the Suspend Food And Drinks UI page.2. The Cinema Manager clicks the Suspend button for the selected item to be suspended3. The System reflect that the food and drink item is suspended.4. End	
Sub-flows : None	
Alternative/Exceptional flows: None	

#605 BCE Class Diagram



#606 BCE Sequence Diagram



Cinema Manager Food And Drinks UI Page



[Profile](#) [Movie Sessions](#) [Cinema Rooms](#) [Ticket Types](#) [Food And Drinks](#)

[Log Out](#)

Food And Drinks Menu Items

- > Create New Food And Drinks Item
- > View Food And Drinks Items
- > Update Food And Drinks Items
- > Suspend Food And Drinks Items
- > Search Food And Drinks Items

#607 Wireframe



Profile Movie Sessions Cinema Rooms Ticket Types Food And Drinks Log Out

Suspend Food And Drinks Items

Item Name	Item Price	Suspend	Click to select item to suspend
Food And Drinks Name	15	N	<input type="button" value="Suspend"/>
Food And Drinks Name	5	N	<input type="button" value="Suspend"/>
Food And Drinks Name	10	N	<input type="button" value="Suspend"/>
Food And Drinks Name	15	N	<input type="button" value="Suspend"/>
Food And Drinks Name	5	N	<input type="button" value="Suspend"/>
Food And Drinks Name	10	N	<input type="button" value="Suspend"/>
Food And Drinks Name	15	N	<input type="button" value="Suspend"/>
Food And Drinks Name	5	N	<input type="button" value="Suspend"/>
Food And Drinks Name	10	N	<input type="button" value="Suspend"/>
Food And Drinks Name	15	N	<input type="button" value="Suspend"/>
Food And Drinks Name	5	N	<input type="button" value="Suspend"/>
Food And Drinks Name	10	N	<input type="button" value="Suspend"/>
Food And Drinks Name	15	N	<input type="button" value="Suspend"/>
Food And Drinks Name	5	N	<input type="button" value="Suspend"/>
Food And Drinks Name	10	N	<input type="button" value="Suspend"/>
Food And Drinks Name	15	N	<input type="button" value="Suspend"/>
Food And Drinks Name	5	N	<input type="button" value="Suspend"/>
Food And Drinks Name	10	N	<input type="button" value="Suspend"/>
Food And Drinks Name	15	N	<input type="button" value="Suspend"/>
Food And Drinks Name	5	N	<input type="button" value="Suspend"/>
Food And Drinks Name	10	N	<input type="button" value="Suspend"/>
Food And Drinks Name	15	N	<input type="button" value="Suspend"/>
Food And Drinks Name	5	N	<input type="button" value="Suspend"/>
Food And Drinks Name	10	N	<input type="button" value="Suspend"/>

#610 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-610				
Test Case Description :	Cinema Manager - Suspend Food And Drink Item				
Pre-Condition :	User is on CinemaManagerFoodAndDrink UI page				
Test Data File :	foodanddrink_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-610-1	Click on "Suspend Food And Drinks Items" to access Suspend Menu	-	Screen displays all Food and Drinks items that can be suspended.	A list of all existing food and drinks items are displayed with option to suspend item.	Pass
TC-610-2	Select an item to suspend.	Item to suspend = "Bottled Water - Large"	Item should successfully be suspended with a prompt message displayed on screen.	"SUCCESS: Food and Drinks Item suspended!" is displayed on screen. "Bottled Water - Large" is shown to be suspended, and suspend button turns grey.	Pass

Taiga

Sprint 3 26 Apr 2023 to 03 May 2023

Scrum Backlog Issues

Filters subject or reference

ZOOM: Default

USER STORY	NEW	IN PROGRESS	READY FOR TEST	CLOSED	NEEDS INFO
#30 Cinema Manager-Suspend Food And Drink Item	NEW			#608 Do Backend Coding #603 Draw Use Case Diagram #610 Conduct Testing #604 Do Use Case Description #607 Draw Wireframe #609 Do Frontend Coding #606 Draw BCE Sequence Diagram #605 Draw BCE Class Diagram	

Search wiki Team

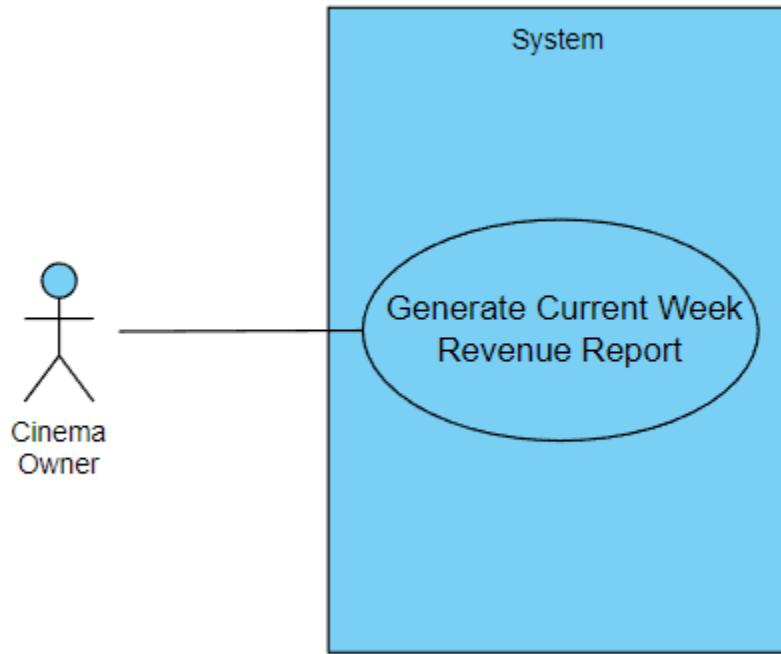
collapse menu

Cinema Owner - Generate Current Week Revenue Report

#41 User Story

As a Cinema Owner, I would like to generate the current week revenue report so that I can view the current week revenue.

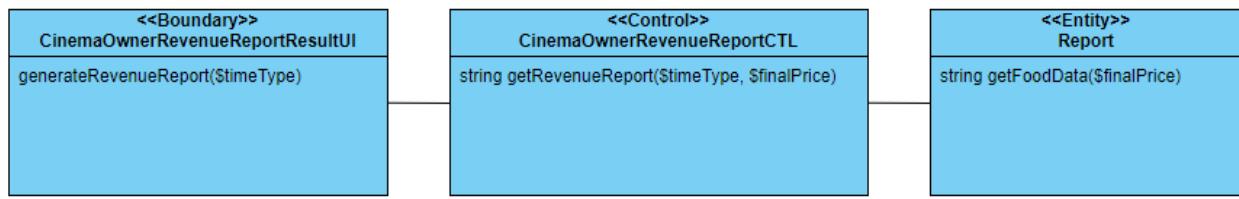
#527 Use Case Diagram



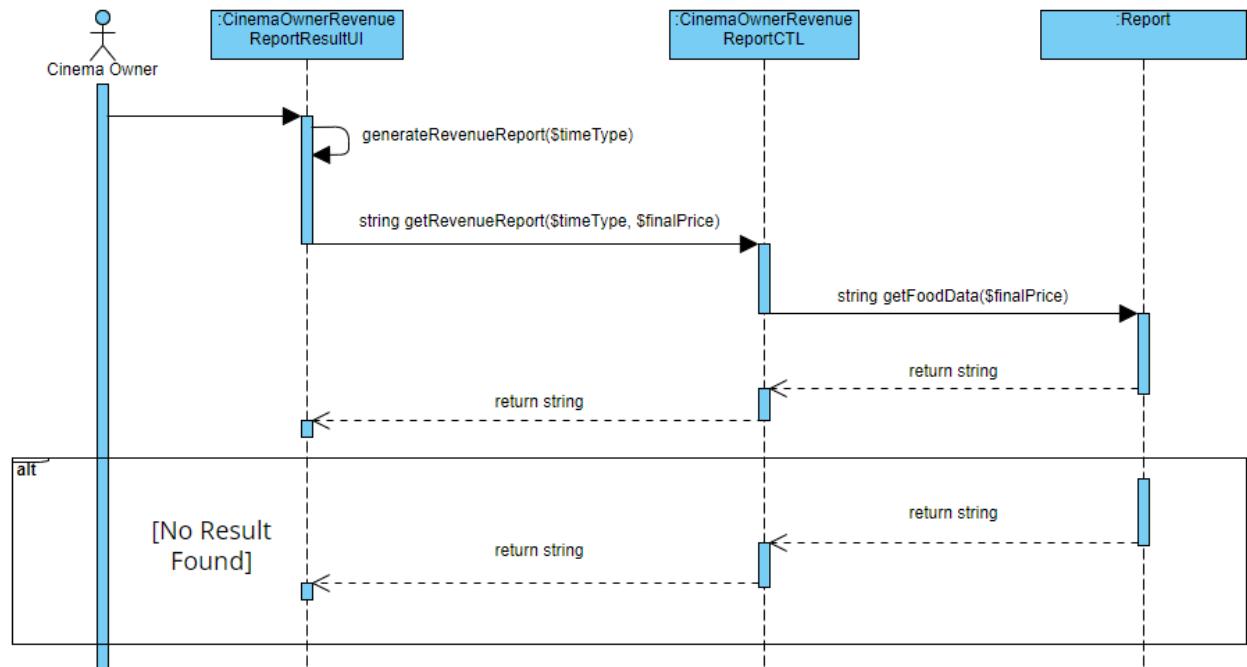
#528 Use Case Description

Name : Cinema Owner - Generate Current Week Revenue Report	ID: #528
Stakeholders and goals : Cinema Owner - Wants to Generate Current Week Revenue Report	
Description : Cinema Owner wants to Generate the current Week Revenue Report to view revenue for the current week.	
Actors : Cinema Owner	
Precondition : Cinema Owner is on Cinema Owner Revenue Report Select UI page	
Trigger : Cinema Owner selects Current Week for time duration and clicks on Generate Revenue Report button	
Normal flow: <ol style="list-style-type: none">1. The System retrieves the data and displays the Current Week Revenue Report.2. End	
Sub-flows : None	
Alternative/Exceptional flows: <ol style="list-style-type: none">1a. No Result Found: The System will display a message to prompt the Cinema Owner.	

#529 BCE Class Diagram



#530 BCE Sequence Diagram



#531 Wireframe

The wireframe shows a user interface for a cinema management system. At the top, there is a navigation bar with a logo on the left, followed by three buttons: "Profile", "Revenue Report" (which is highlighted in grey), and "Cinema Utilisation Report". To the right of these buttons is a "Log Out" button. Below the navigation bar, the main content area is titled "Revenue Report". It contains a label "Time Duration:" followed by a dropdown menu with the placeholder text "Please Select A Option". Below the dropdown is a button labeled "Generate Revenue Report". The rest of the page is a large, empty white space.



Profile

Revenue Report

Cinema Utilisation Report

Log Out

Current Week Revenue Report

Items Purchased	Item Price (\$)	Quantity	Total (\$)
Food And Drinks Name	10	10	100
Food And Drinks Name1	5	2	10
Food And Drinks Name2	15	4	60
		Net Revenue (\$)	170

#534 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-534				
Test Case Description :	Cinema Owner - Generate Current Week Revenue Report				
Pre-Condition :	User is logged in				
Test Data File :	foodanddrink_sql.txt moviehall_sql.txt moviesession_sql.txt foodandDrinksTransactions_sql.txt seats_sql.txt ticket_sql.txt tickettype_sql.txt userAccount_sql.txt userProfile_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-534-1	Select "Revenue Report" tab to access function to generate report for Revenue	-	Report Generator interface for Revenue is displayed on the screen	A form to select report generation for the different time durations.	Pass
TC-534-2	Select (dropdown menu) to generate Current week report	Time Duration = "Current Week"	Report of current week Revenue is displayed	A table consisting current week revenue of the cinema is displayed	Pass

Taiga

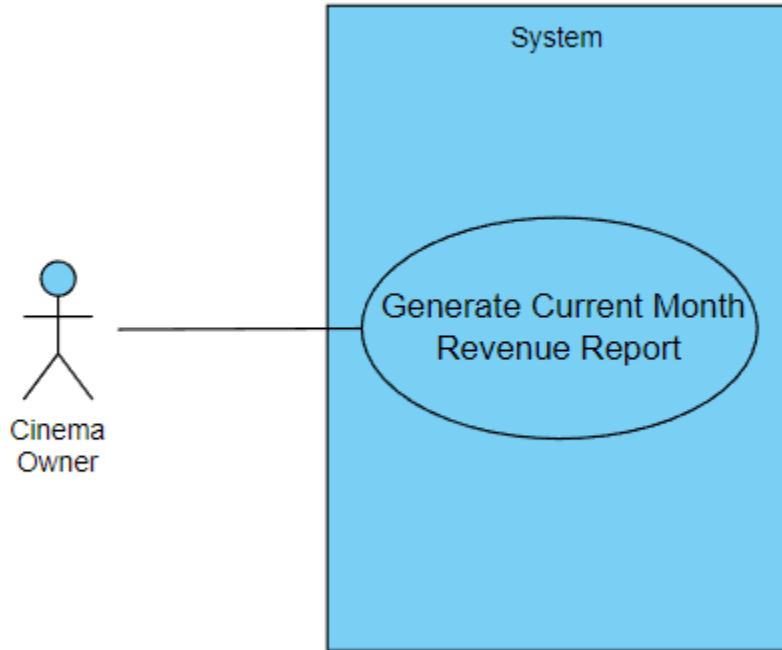
The screenshot shows the Taiga project management interface. On the left, there's a sidebar with 'Scrum Backlog' and 'Issues' sections. The main area displays 'Sprint 3' from 26 April 2023 to 03 May 2023. The backlog is organized into columns: USER STORY, NEW, IN PROGRESS, READY FOR TEST, CLOSED, and NEEDS INFO. A user story titled '#41 Cinema Owner-Generate Current Week Revenue Report' is in the NEW column. To its right, under NEEDS INFO, are several tasks: #527 Draw Use Case Diagram, #530 Draw BCE Sequence Diagram, #533 Do Frontend Coding, #529 Draw BCE Class Diagram, #534 Conduct Testing, #531 Draw Wireframe, #532 Do Backend Coding, and #528 Do Use Case Description. Each task has a small circular icon next to it.

Cinema Owner - Generate Current Month Revenue Report

#42 User Story

As a Cinema Owner, I would like to generate the current month revenue report so that I can view the current month revenue.

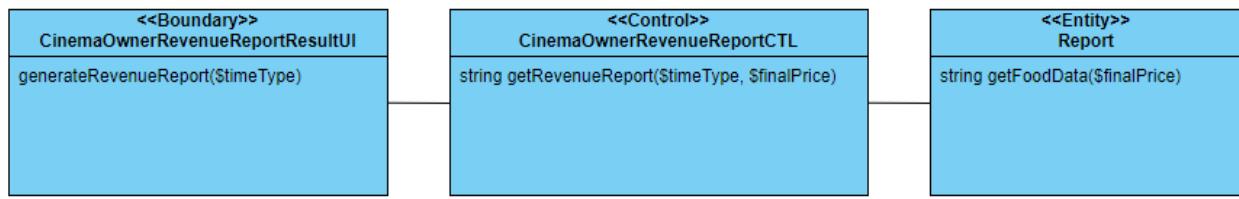
#535 Use Case Diagram



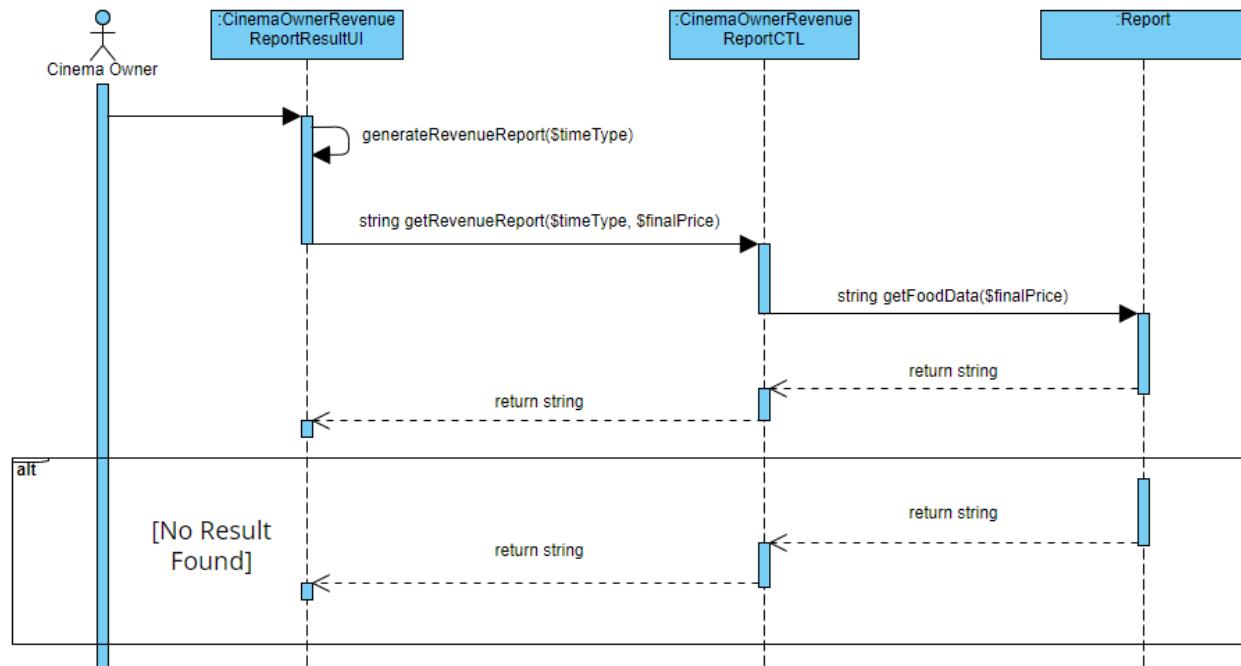
#536 Use Case Description

Name : Cinema Owner - Generate Current Month Revenue Report	ID: #536
Stakeholders and goals : Cinema Owner - Wants to Generate Current Month Revenue Report	
Description : Cinema Owner wants to Generate the Current Month Revenue Report to view the cinema revenue for the month.	
Actors : Cinema Owner	
Precondition : Cinema Owner is on Cinema Owner Revenue Report Select UI page	
Trigger : Cinema Owner selects Current Month for the time duration and clicks on Generate Revenue Report button	
Normal flow: <ol style="list-style-type: none">1. The System retrieves the data and displays the Current Month Revenue Report.2. End.	
Sub-flows : None	
Alternative/Exceptional flows: 1a. No Result Found: The System will display a message to prompt the Cinema Owner	

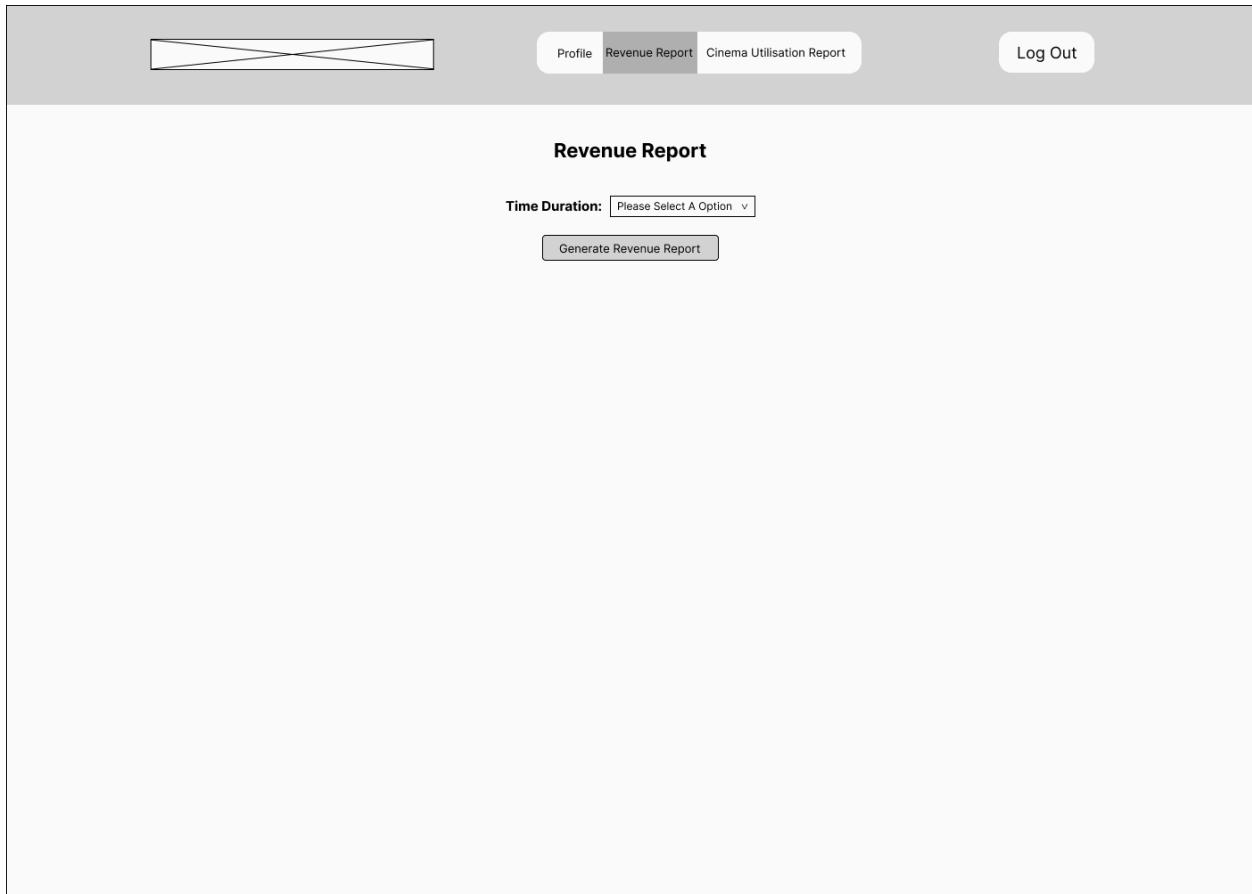
#537 BCE Class Diagram



#538 BCE Sequence Diagram



#539 Wireframe



The wireframe shows a top navigation bar with a logo containing a large 'X' on the left, and three buttons: 'Profile', 'Revenue Report' (which is highlighted in grey), and 'Cinema Utilisation Report'. On the right is a 'Log Out' button. Below the navigation is a section titled 'Revenue Report' with a dropdown menu labeled 'Time Duration: Please Select A Option'. A 'Generate Revenue Report' button is located below the dropdown.

Revenue Report

Time Duration: Please Select A Option ▾

Generate Revenue Report



Profile

Revenue Report

Cinema Utilisation Report

Log Out

Current Month Revenue Report

Items Purchased	Item Price (\$)	Quantity	Total (\$)
Food And Drinks Name	10	20	200
Food And Drinks Name1	5	4	20
Food And Drinks Name2	15	4	90
		Net Revenue (\$)	310

#542 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-542				
Test Case Description :	Cinema Owner - Generate Current Month Revenue Report				
Pre-Condition :	User is logged in				
Test Data File :	foodanddrink_sql.txt moviehall_sql.txt moviesession_sql.txt foodandDrinksTransactions_sql.txt seats_sql.txt ticket_sql.txt tickettype_sql.txt userAccount_sql.txt userProfile_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-542-1	Select "Revenue Report" tab to access function to generate report for Revenue	-	Report Generator interface for Revenue is displayed on the screen	A form to select report generation for the different time durations.	Pass
TC-542-2	Select (dropdown menu) to generate Current month report	Time Duration = "Current Month"	Report of current month Revenue is displayed	A table consisting current month revenue of the cinema is displayed	Pass

Taiga

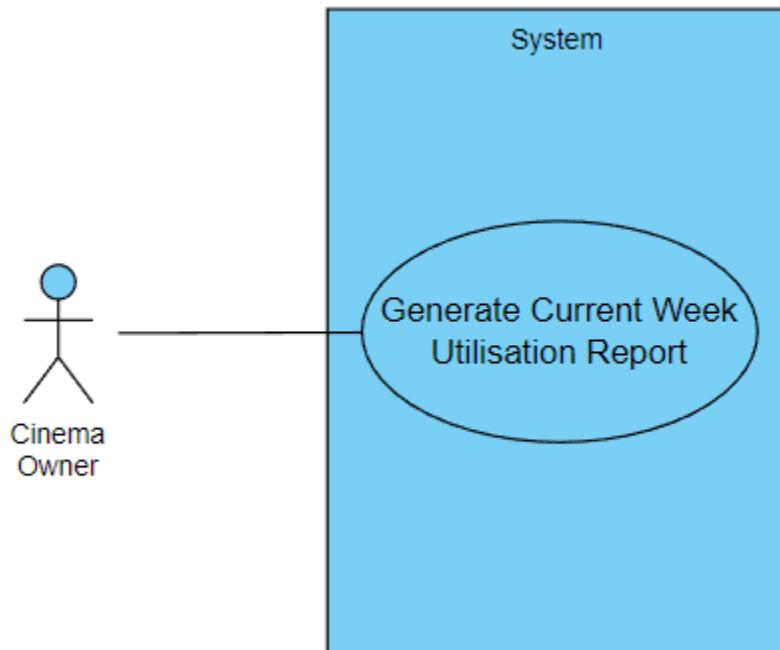
The screenshot shows the Taiga project management interface. On the left, there's a sidebar with navigation links: Projects, Scrum, Backlog, Issues, Search, Wiki, and Team. The main area displays Sprint 3 from 26 Apr 2023 to 03 May 2023. The backlog is shown as a Kanban board with columns: NEW, IN PROGRESS, READY FOR TEST, CLOSED, and NEEDS INFO. A user story titled "#42 Cinema Owner - Generate Current Month Revenue Report" is in the NEW column. To its right, several tasks are listed in the CLOSED column, each with a small profile icon and a link: #535 Draw Use Case Diagram, #540 Do Backend Coding, #537 Draw BCE Class Diagram, #538 Draw BCE Sequence Diagram, #539 Draw Wireframe, #541 Do Frontend Coding, #542 Conduct Testing, and #536 Do Use Case Description.

Cinema Owner - Generate Current Week Cinema Utilisation Report

#44 User Story

As a Cinema Owner, I would like to generate the current week cinema utilisation report so that I can view the current week cinema utilisation.

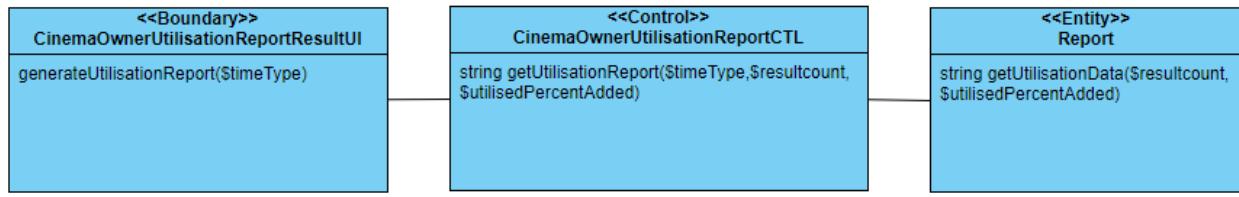
#543 Use Case Diagram



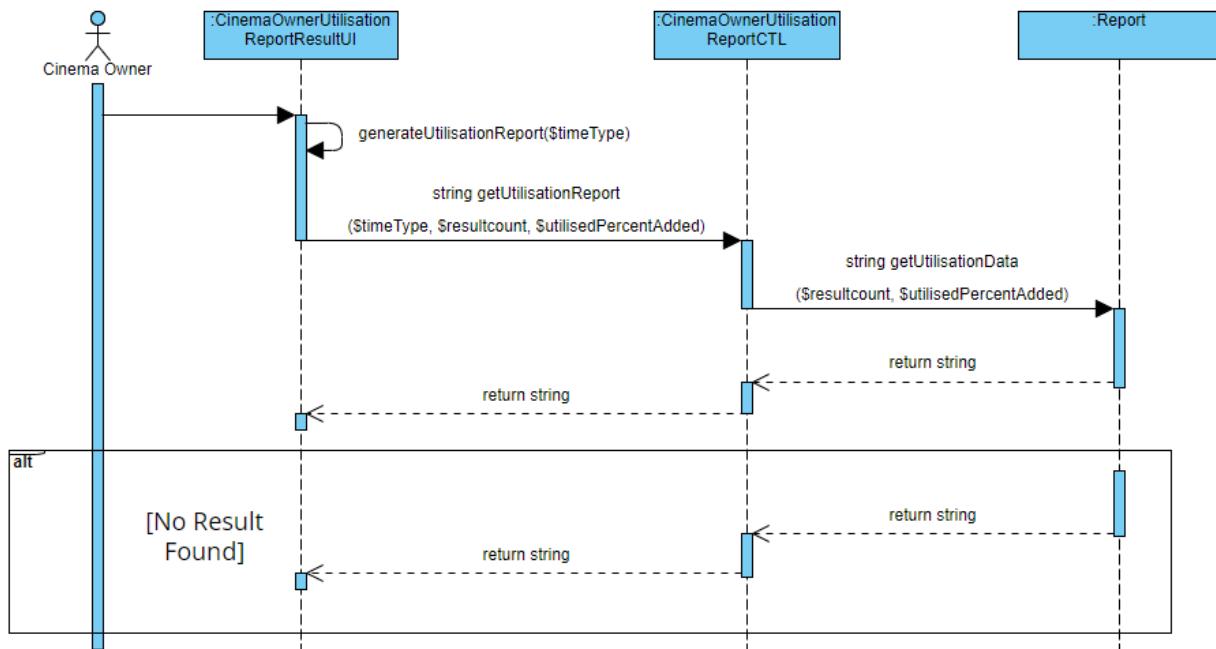
#544 Use Case Description

Name : Cinema Owner - Generate Current Week Cinema Utilisation Report	ID: #544
Stakeholders and goals : Cinema Owner - Wants to Generate Current Week Cinema Utilisation Report	
Description : Cinema Owner wants to generate the Current Week Cinema Utilisation Report to view the cinema utilisation for the current week.	
Actors : Cinema Owner	
Precondition : Cinema Owner is on Cinema Owner Utilisation Select UI page	
Trigger : Cinema Owner select Current Week for time duration and clicks on Generate Utilisation Report button	
Normal flow: <ol style="list-style-type: none">1. The System retrieves the data and displays the Current Week Cinema Utilisation Report.2. End	
Sub-flows : None	
Alternative/Exceptional flows: <ol style="list-style-type: none">1a. No Result Found: The System will display an error message to prompt the Cinema Owner	

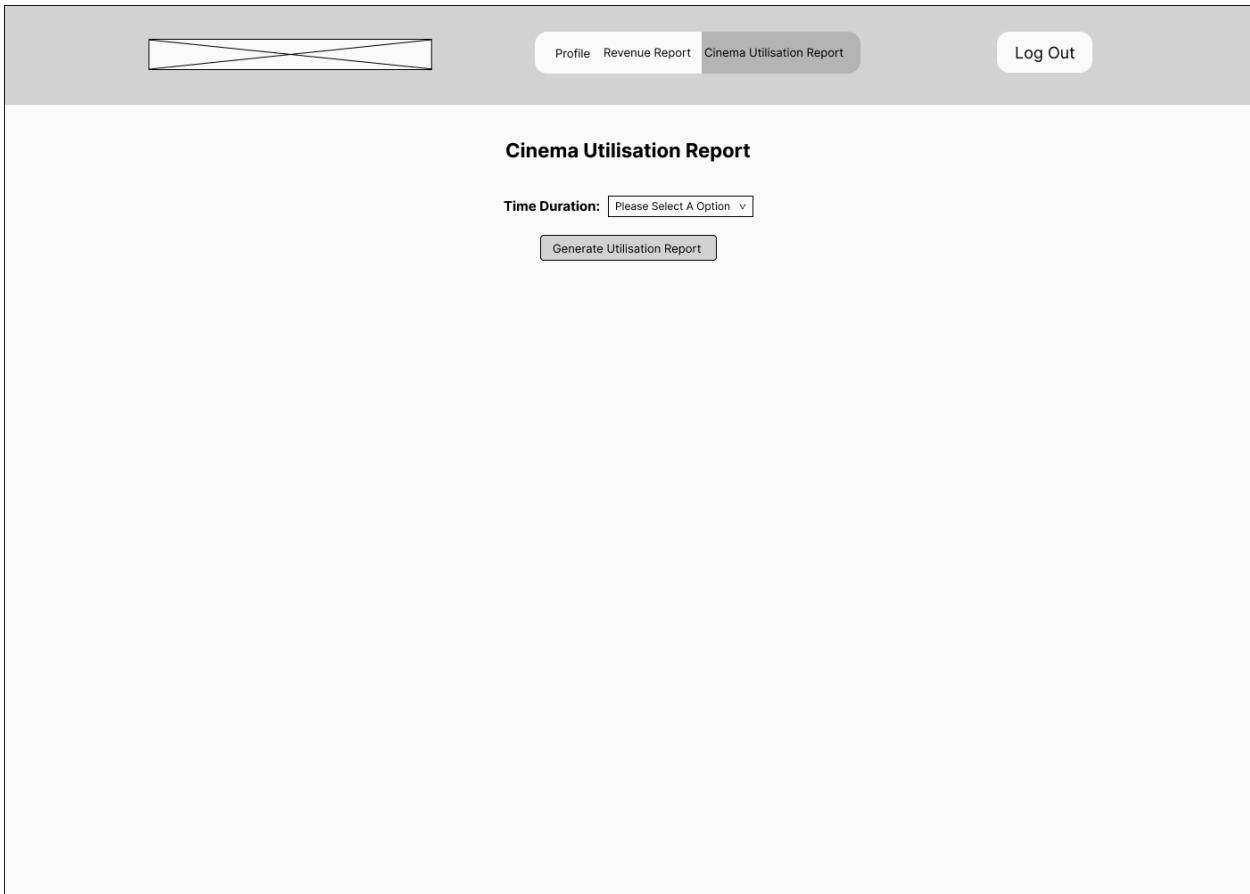
#545 BCE Class Diagram



#546 BCE Sequence Diagram



#547 Wireframe



The wireframe shows a user interface for a cinema utilization report. At the top left is a placeholder for a logo or icon, consisting of a white rectangle with a black 'X' inside. To its right is a horizontal navigation bar with three items: "Profile", "Revenue Report", and "Cinema Utilisation Report". The "Cinema Utilisation Report" item is highlighted with a dark grey background. On the far right of the navigation bar is a "Log Out" button. Below the navigation bar is a main content area with a title "Cinema Utilisation Report". Underneath the title is a form field labeled "Time Duration:" followed by a dropdown menu with the placeholder text "Please Select A Option". At the bottom of the content area is a single button labeled "Generate Utilisation Report".

Cinema Utilisation Report

Time Duration:



Profile Revenue Report Cinema Utilisation Report

Log Out

Current Week Utilisation Report

Hall Number	Movie Name	Screening Time	Hall Utilisation Report
1	A Movie name	2023-3-17 10:10:00	100
2	A Movie Name	2023-3-17 10:10:00	100
3	A Movie Name	2023-3-17 10:10:00	100
4	A Movie Name	2023-3-17 10:10:00	60
		Average Utilisation (%)	90

#550 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-550				
Test Case Description :	Cinema Owner - Generate Current Week Cinema Utilisation Report				
Pre-Condition :	User is logged in				
Test Data File :	foodanddrink_sql.txt moviehall_sql.txt moviesession_sql.txt foodandDrinksTransactions_sql.txt seats_sql.txt ticket_sql.txt tickettype_sql.txt userAccount_sql.txt userProfile_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-550-1	Select "Cinema Utilisation Reports" tab to access function to generate Cinema Utilisation Report	-	Report Generator interface for Cinema Utilisation is displayed on the screen	A form to select report generation for the different time durations	Pass
TC-550-2	Select (dropdown menu) to generate <u>Current week</u> report	Time Duration = "Current Week"	Report of current week Cinema Utilisation is displayed	A table consisting current week cinema utilisation is displayed	Pass

Taiga

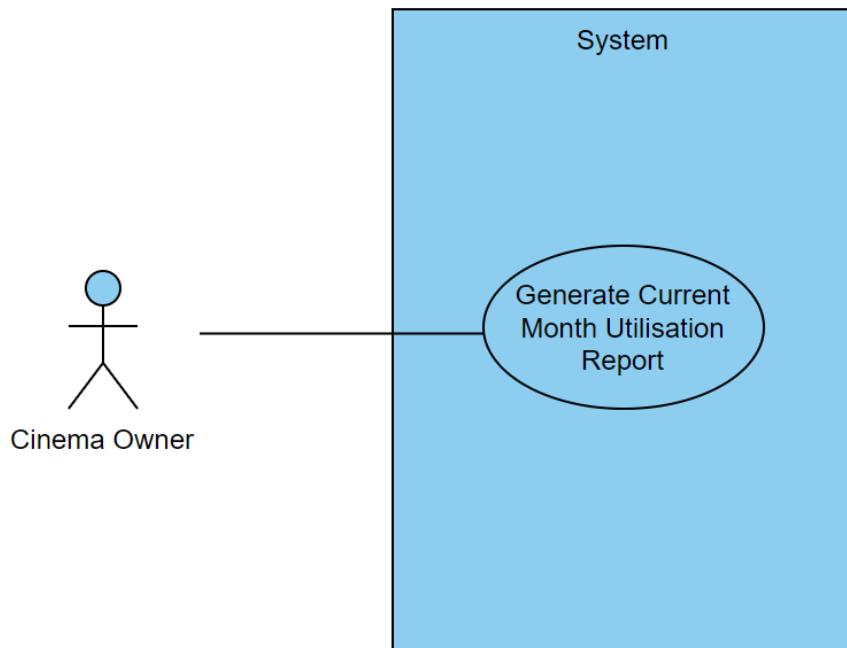
The screenshot shows the Taiga project management interface. On the left, there's a sidebar with navigation links: Projects, SIM2023Q2-BrainDead (selected), Scrum, Backlog, Issues, and a search bar. The main area displays Sprint 3 from April 26 to May 3, 2023. The progress bar shows 0% completion with 0 total points, 0 completed points, 0 open tasks, 162 closed tasks, and 0 cocaine doses. Below the progress bar is a filter bar with 'Filters' and a search input. The main board has columns: USER STORY, NEW, IN PROGRESS, READY FOR TEST, CLOSED, and NEEDS INFO. A user story titled '#44 Cinema Owner-Generate Current Week Cinema Utilisation Report' is in the NEW column. To its right, under 'READY FOR TEST', is a list of tasks: #545 Draw BCE Class Diagram, #546 Draw BCE Sequence Diagram, #543 Draw Use Case Diagram, #547 Draw Wireframe, #549 Do Frontend Coding, #548 Do Backend Coding, #544 Do Use Case Description, and #550 Conduct Testing. The 'Needs Info' column is currently empty.

Cinema Owner - Generate Current Month Cinema Utilisation Report

#45 User Story

As a Cinema Owner, I would like to generate the current month cinema utilisation report so that I can view the current month cinema utilisation.

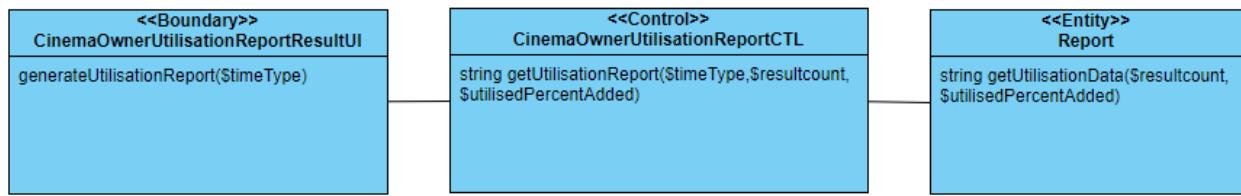
#551 Use Case Diagram



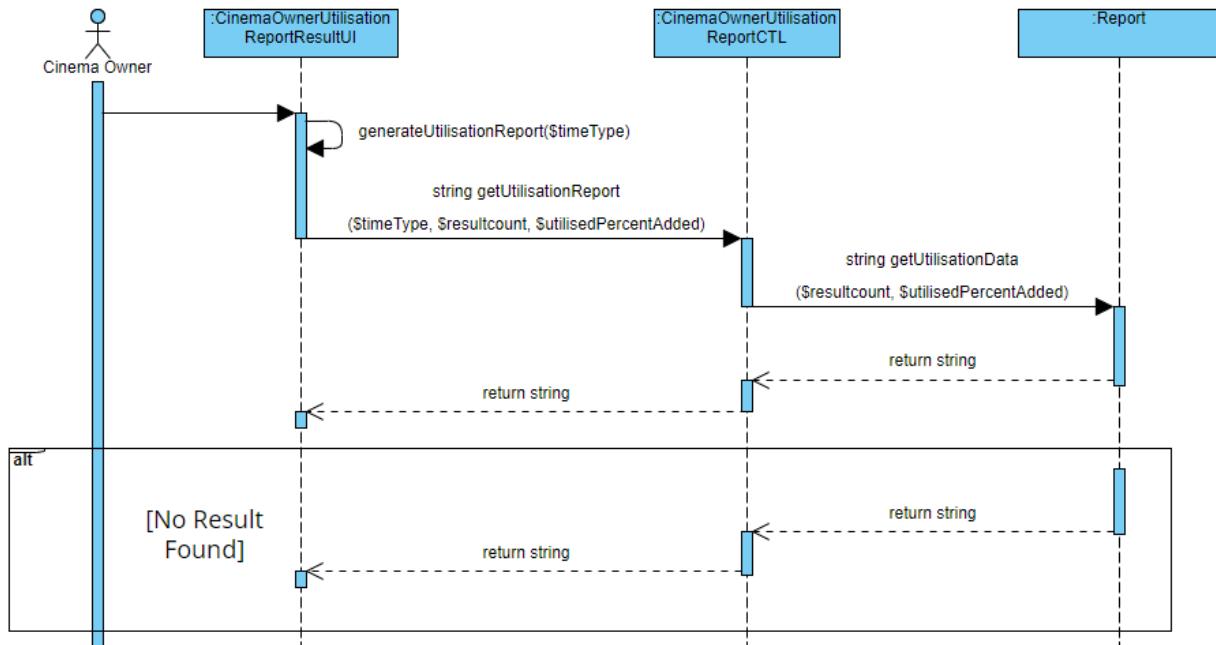
#552 Use Case Description

Name : Cinema Owner - Generate Current Month Utilisation Report	ID: #552
Stakeholders and goals : Cinema Owner - Wants to Generate Current Month Cinema Utilisation Report	
Description : Cinema Owner wants to generate the Current Month Utilisation Report to view the cinema utilisation for the current month.	
Actors : Cinema Owner	
Precondition : Cinema Owner is on Cinema Owner Utilisation Select UI page	
Trigger : Cinema Owner selects Current Month for Time Duration and clicks on Generate Utilisation Report button	
Normal flow: <ol style="list-style-type: none">1. The System retrieves the data and displays the Current Month Cinema Utilisation Report.2. End	
Sub-flows : None	
Alternative/Exceptional flows: 1a. No Result Found: The System will display an error message to prompt the Cinema Owner	

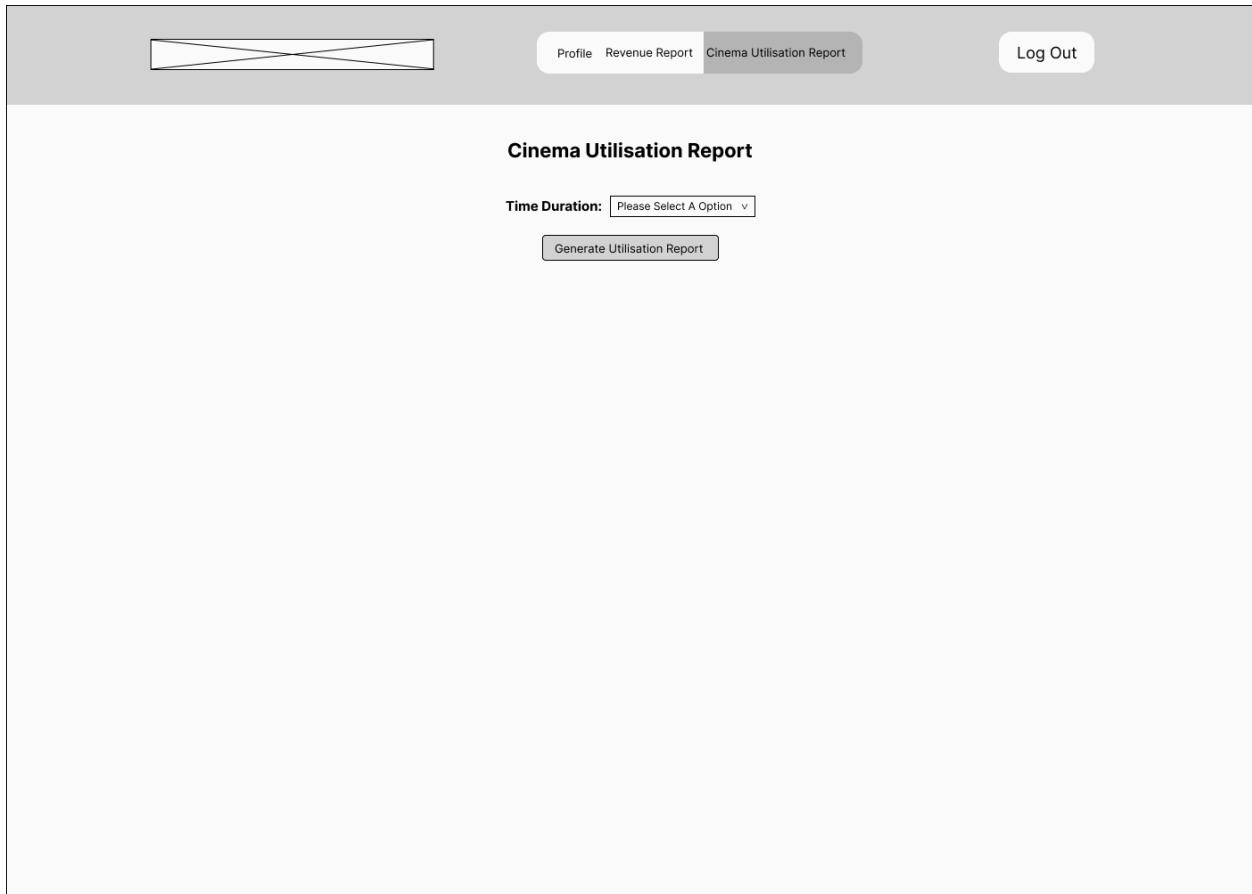
#553 BCE Class Diagram



#554 BCE Sequence Diagram



#555 Wireframe



A wireframe diagram of a web application interface. At the top, there is a grey header bar containing a logo (a white rectangle with a black 'X' inside), navigation links ('Profile', 'Revenue Report', 'Cinema Utilisation Report'), and a 'Log Out' button. Below the header is a white main content area with a title 'Cinema Utilisation Report'. Underneath the title is a form field labeled 'Time Duration:' with a dropdown menu showing 'Please Select A Option'. At the bottom of the form is a button labeled 'Generate Utilisation Report'.

Cinema Utilisation Report

Time Duration:



Profile Revenue Report Cinema Utilisation Report

Log Out

Current Month Utilisation Report

Hall Number	Movie Name	Screening Time	Hall Utilisation Report
1	A Movie name	2023-3-17 10:10:00	100
2	A Movie Name	2023-3-17 10:10:00	100
3	A Movie Name	2023-3-17 10:10:00	100
4	A Movie Name	2023-3-17 10:10:00	60
5	A Movie Name	2023-3-17 10:10:00	100
		Average Utilisation (%)	92

#558 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-558				
Test Case Description :	Cinema Owner - Generate Current Month Cinema Utilisation Report				
Pre-Condition :	User is logged in				
Test Data File :	<pre>foodanddrink_sql.txt moviehall_sql.txt moviesession_sql.txt foodandDrinksTransactions_sql.txt seats_sql.txt ticket_sql.txt tickettype_sql.txt userAccount_sql.txt userProfile_sql.txt</pre>				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-558-1	Select "Cinema Utilisation Reports" tab to access function to generate report for Cinema Utilisation	-	Report Generator interface for Cinema Utilisation is displayed on the screen	A form to select report generation for the different time durations.	Pass
TC-558-2	Select (dropdown menu) to generate Current month report	Time Duration = "Current Month"	Report of current month Cinema Utilisation is displayed	A table consisting current month cinema utilisation is displayed	Pass

Taiga

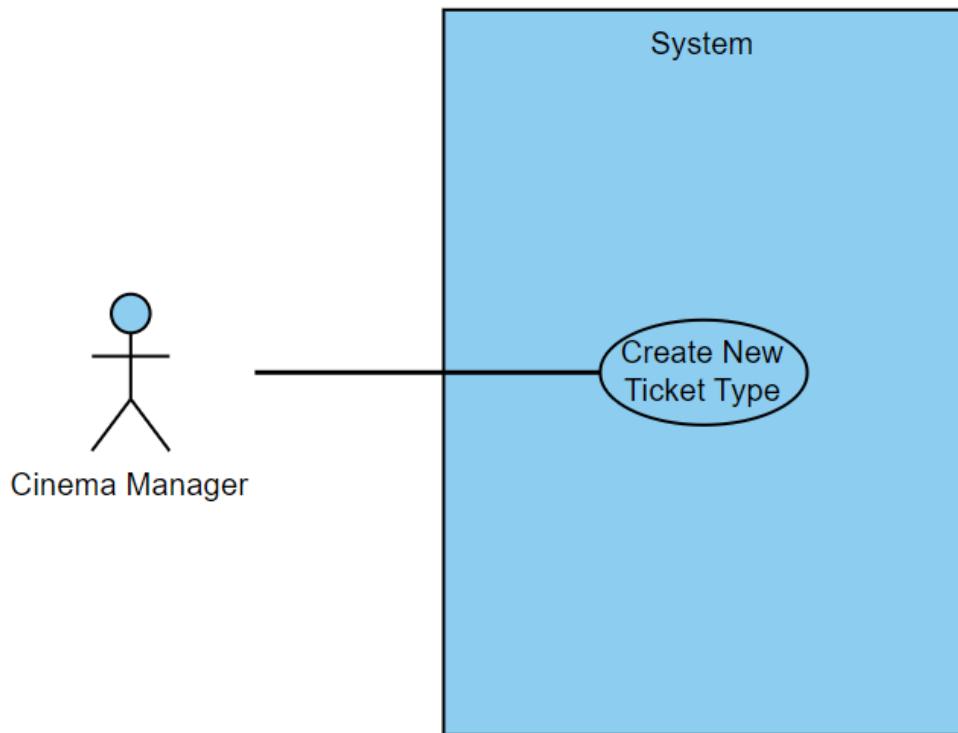
The screenshot shows the Taiga project management interface. On the left, there's a sidebar with 'Projects' (SIM2023Q2-BrainDead), 'Scrum' (Backlog), and 'Issues'. The main area displays 'Sprint 3' from 26 April 2023 to 03 May 2023. The sprint summary bar shows 0% completion, 0 total points, 0 completed points, 0 open tasks, 162 closed tasks, and 0 cocaine doses. Below the summary is a 'Filters' section and a search bar. The backlog is organized into columns: USER STORY, NEW, IN PROGRESS, READY FOR TEST, CLOSED, and NEEDS INFO. A user story titled '#45 Cinema Owner - Generate Current Month Cinema Utilisation Report' is in the NEW column. To its right, several tasks are listed in the READY FOR TEST column, each with a small icon and a link: #552 Do Use Case Description (red), #553 Draw BCE Class Diagram (green), #557 Do Frontend Coding (blue), #554 Draw BCE Sequence Diagram (orange), #556 Do Backend Coding (green), #555 Draw Wireframe (red), #558 Conduct Testing (black), and #551 Draw Use Case Diagram (purple). The bottom of the interface has a 'collapse menu' button.

Cinema Manager - Create New Ticket Type

#60 User Story

As a Cinema Manager, I want to create a new ticket type to introduce different price benefits for different age groups.

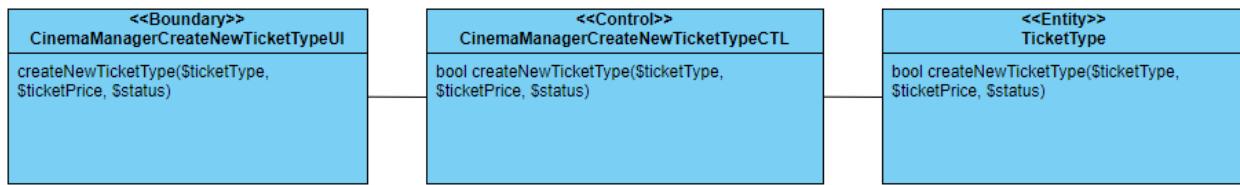
#349 Use Case Diagram



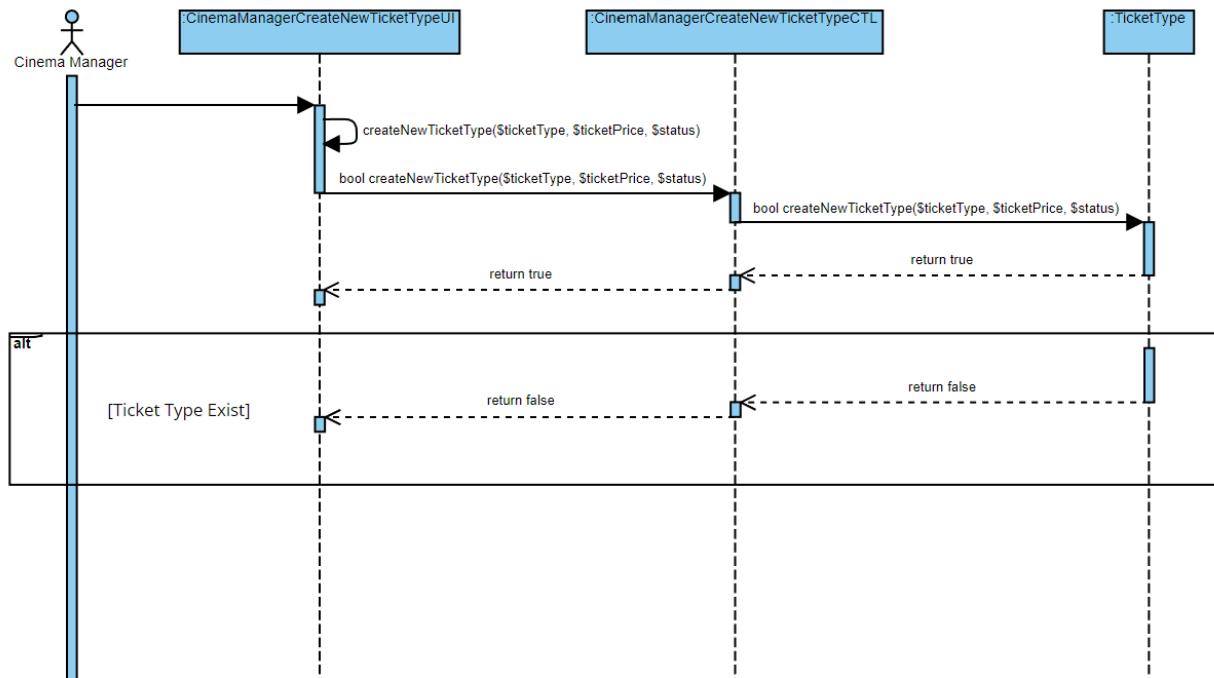
#350 Use Case Description

Name : Cinema Manager - Create New Ticket Type	ID: #350
Stakeholders and goals : Cinema Manager - Wants to be able to Create New Ticket Type	
Description : Cinema Manager wants to Create New Ticket Type	
Actors : Cinema Manager	
Pre-Condition: Cinema Manager is on Cinema Manager Ticket Types UI page	
Trigger : Cinema Manager Clicks on Create New Ticket Type link	
Normal flow: <ol style="list-style-type: none">1. The System display Cinema Manager Create New Ticket Type UI page.2. The Cinema Manager fills up the required details/selection and clicks on submit.3. The System validates the ticket type, creates the ticket type in the database and display success message.4. End.	
Sub-flows : None	
Alternative/Exceptional flows: 3a Ticket Type Exist: The system performs a validation check to determine if the ticket type that the Cinema Manager intends to create exist within the database. In the event that the ticket type already exist, an error message will prompt to inform the Cinema Manager.	

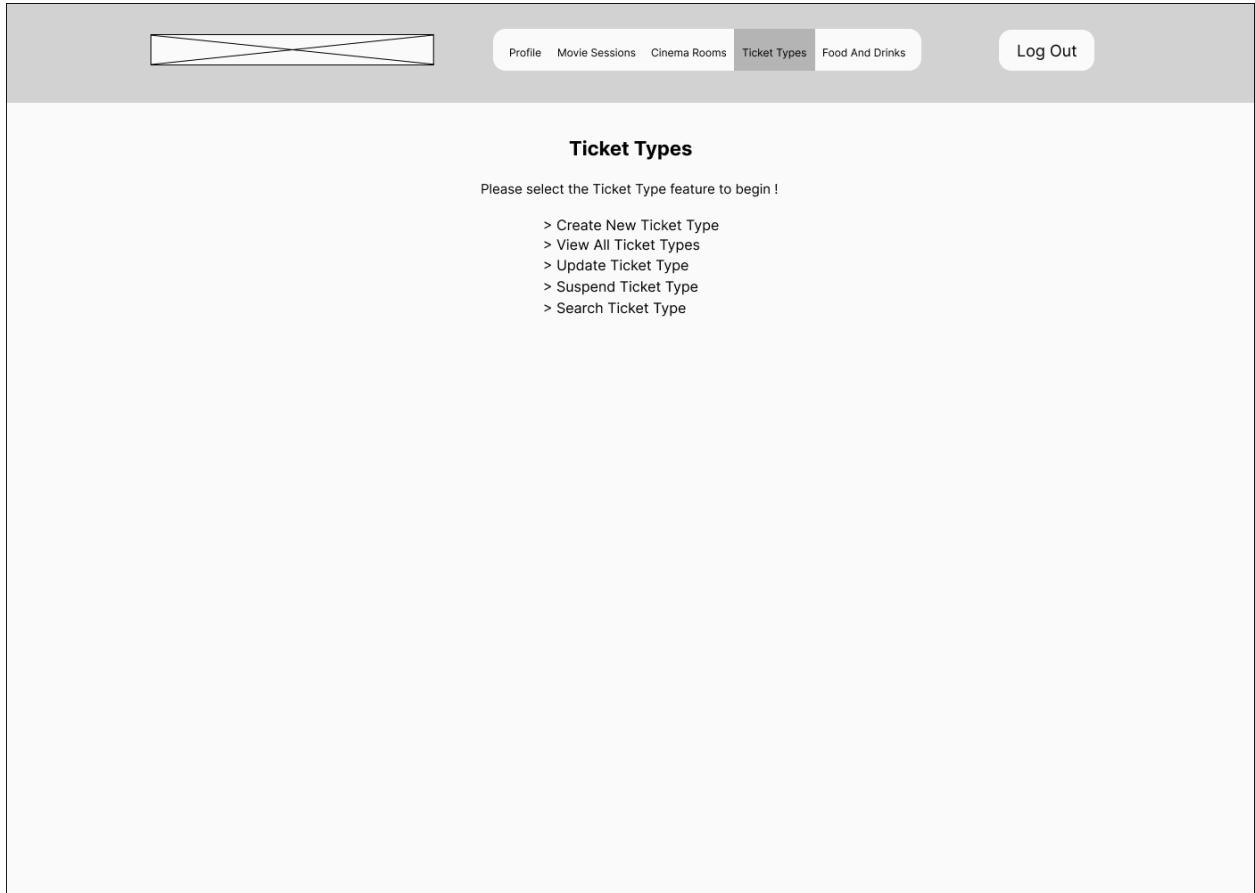
#351 BCE Class Diagram



#352 BCE Sequence Diagram



Cinema Manager Ticket Types UI Page



A screenshot of the Cinema Manager Ticket Types UI Page. The page has a light gray header bar with a dark gray navigation menu. The navigation menu items are: Profile, Movie Sessions, Cinema Rooms, Ticket Types (which is highlighted in dark gray), and Food And Drinks. To the right of the menu is a Log Out button. Below the header is a large white content area. In the top left corner of the content area, there is a decorative graphic consisting of two overlapping triangles pointing towards each other. In the center of the content area, the text "Ticket Types" is displayed in bold capital letters. Below this, a message reads "Please select the Ticket Type feature to begin !". A list of five options follows:

- > Create New Ticket Type
- > View All Ticket Types
- > Update Ticket Type
- > Suspend Ticket Type
- > Search Ticket Type

#353 Wireframe



Profile Movie Sessions Cinema Rooms **Ticket Types** Food And Drinks Log Out

Create New Ticket Type

Please fill up the form and click on submit to create New Ticket Type!

New Ticket Type

Ticket Price

Suspend Status

Submit

#356 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-356				
Test Case Description :	Cinema Manager - Create New Ticket Type				
Pre-Condition :	User is on CinemaManagerTicketType UI page				
Test Data File :	tickettype_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-356-1	Select "Create New Ticket Type" to access new ticket type creation menu	-	Form is displayed to create new ticket type	Form is displayed to create new ticket type	Pass
TC-356-2	Enter data to create a new ticket type	New Ticket Type = "newtickettype" Ticket Price = 10 Suspend Status = "No"	Message display on screen to show that new ticket type has been created	Message "Successfully Created New Ticket Type" is shown on screen to notify successful ticket type creation.	Pass
TC-356-3	Enter data of <u>existing ticket type</u> to create a new ticket type	New Ticket Type = "adult" Ticket Price = 15 Suspend Status = "No"	Message display on screen to show that new ticket type creation has failed.	"This Ticket Type Already Exist!" and "Create Ticket Type Fail!" is shown on the screen that ticket cannot be created.	Pass

Taiga

The screenshot shows the Taiga project management interface. On the left, there's a sidebar with 'Projects' (SIM2023Q2-BrainDead), 'Scrum' (selected), and 'Backlog'. Below that are 'Issues', 'Search', 'Wiki', and 'Team'. A 'collapse menu' button is at the bottom. The main area is titled 'Sprint 3' (26 Apr 2023 to 03 May 2023). It displays sprint statistics: 0% total points, 0 completed points, 0 open tasks, 162 closed tasks, and 0 cocaine doses. There are 'Filters' and a search bar. The backlog table has columns: USER STORY, NEW, IN PROGRESS, READY FOR TEST, CLOSED, and NEEDS INFO. An expanded user story '#60 Cinema Manager-Create New Ticket Type' shows its tasks: #354 Do Backend Coding, #353 Draw Wireframe, #355 Do Frontend Coding, #351 Draw BCE Class Diagram, #349 Draw Use Case Diagram, #356 Conduct Testing, #352 Draw BCE Sequence Diagram, and #350 Do Use Case Description. Each task has a progress bar and a small icon.

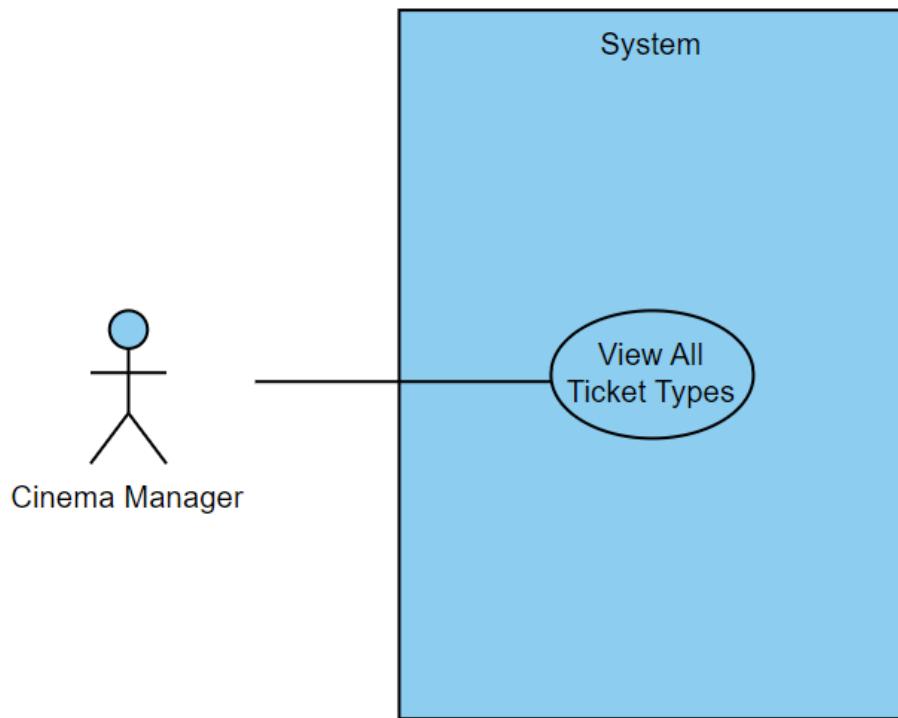
USER STORY	NEW	IN PROGRESS	READY FOR TEST	CLOSED	NEEDS INFO
#60 Cinema Manager-Create New Ticket Type	N/E			#354 Do Backend Coding #353 Draw Wireframe #355 Do Frontend Coding #351 Draw BCE Class Diagram #349 Draw Use Case Diagram #356 Conduct Testing #352 Draw BCE Sequence Diagram #350 Do Use Case Description	

Cinema Manager-View All Ticket Types

#61 User Story

As a Manager, I want to view ticket types details so that I can have an overview of all available ticket types.

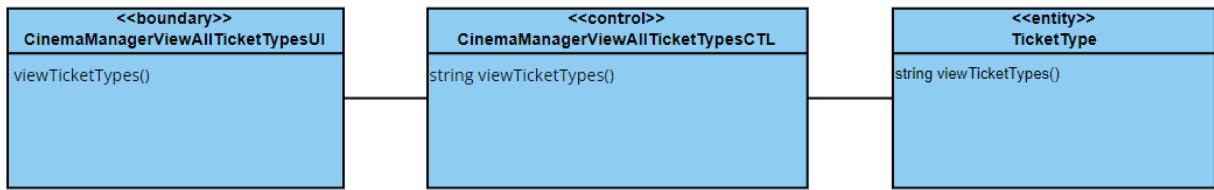
#357 Use Case Diagram



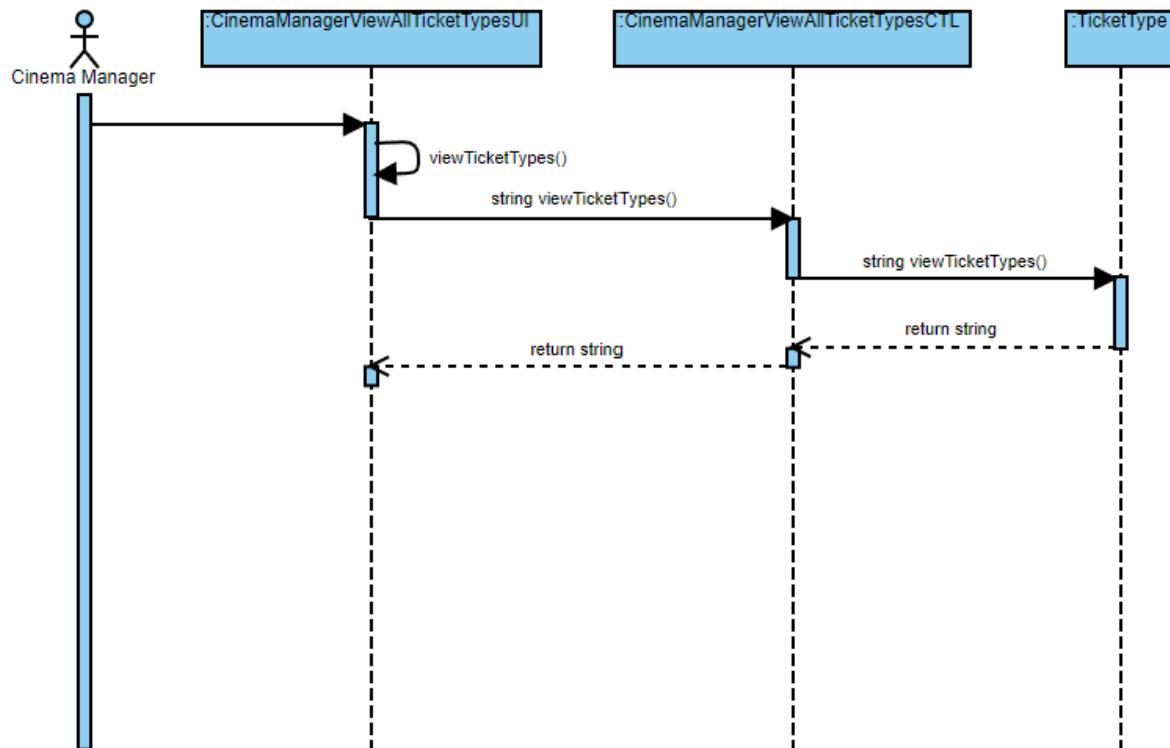
#358 Use Case Description

Name : Cinema Manager- View All Ticket Types	ID: #358
Stakeholders and goals : Cinema Manager - Wants to be able to View All Ticket Types	
Description : Cinema Manager wants to View All Ticket Types	
Actors : Cinema Manager	
Pre-Condition: Cinema Manager is on Cinema Manager Ticket Types UI page	
Trigger : Cinema Manager Clicks on View All Ticket Types link	
Normal flow: <ol style="list-style-type: none">1. The System displays a message and a View button.2. The Cinema Manager clicks the View button3. The System validates and display all current Ticket Type, Price and Suspend status4. End	
Sub-flows : None	
Alternative/Exceptional flows: None	

#359 BCE Class Diagram



#360 Sequence Diagram



Cinema Manager Ticket Types UI Page



Profile Movie Sessions Cinema Rooms **Ticket Types** Food And Drinks Log Out

Ticket Types

Please select the Ticket Type feature to begin !

- > Create New Ticket Type
- > View All Ticket Types
- > Update Ticket Type
- > Suspend Ticket Type
- > Search Ticket Type

#361 Wireframe

The wireframe depicts a user interface for managing ticket types. At the top, there is a navigation bar with links for Profile, Movie Sessions, Cinema Rooms, Ticket Types (which is the active tab), and Food And Drinks. A Log Out button is also present. Below the navigation bar, the main content area is titled "View All Ticket Types". A message "Click on View to Start !" is displayed above a "View" button. A table lists three ticket types: adult, child, and student, along with their respective ticket prices and suspend status.

Ticket Type	Ticket Price	Suspend Status
adult	15	N
child	5	N
student	10	N

#364 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-364				
Test Case Description :	Cinema Manager- View All Ticket Type				
Pre-Condition :	User is on CinemaManagerTicketTypes UI page				
Test Data File :	tickettype_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-364-1	Select "View All Ticket Types"	-	A button is displayed to prompt user to click to view Ticket Types	A button is displayed to prompt user to click to view Ticket Types	Pass
TC-364-2	Click on "View" button to view all ticket types	-	Screen displays all ticket types.	A table populated with existing ticket types is displayed on the screen.	Pass

Taiga

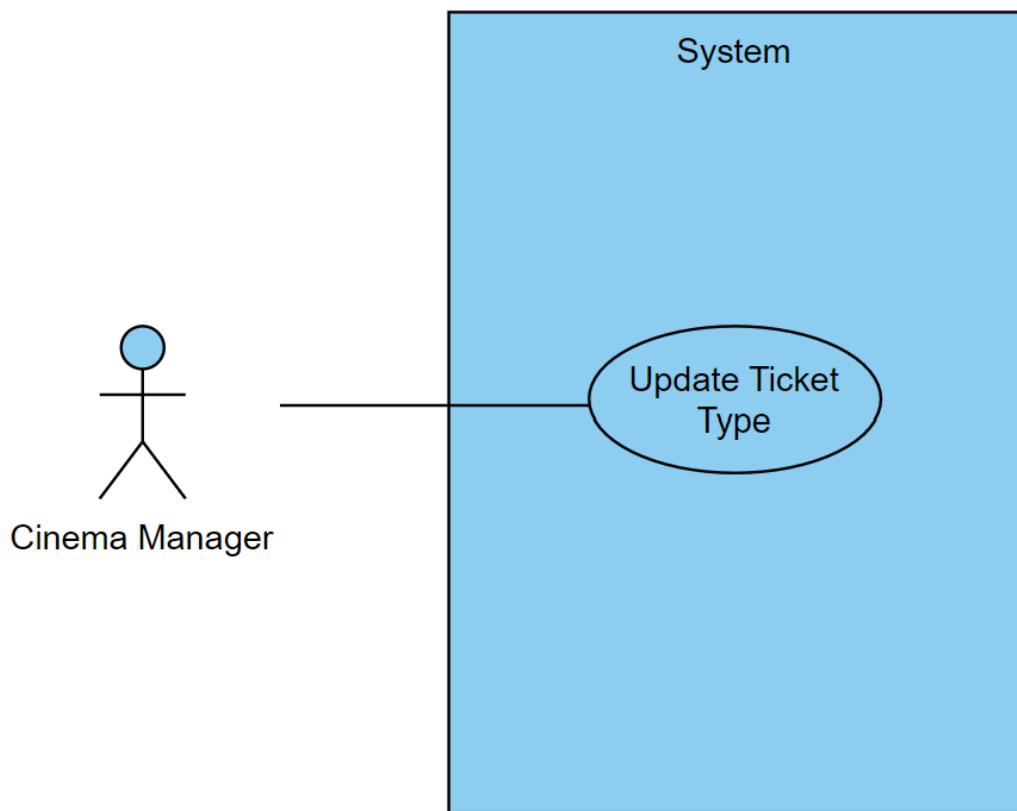
The screenshot shows the Taiga project management interface. On the left, there's a sidebar with 'Projects' (SIM2023Q2-BrainDead), 'Scrum' (Backlog), and 'Issues'. The main area displays 'Sprint 3' from 26 Apr 2023 to 03 May 2023. The progress bar shows 0% completion with 0 total points, 0 completed points, 0 open tasks, and 162 closed tasks. Below the progress bar is a 'Filters' dropdown and a search bar. The backlog is a Kanban board with columns: NEW, IN PROGRESS, READY FOR TEST, CLOSED, and NEEDS INFO. A single user story is visible in the NEW column: '#61 Cinema Manager-View All Ticket Type' (status: NEW). In the CLOSED column, there is a list of tasks: #357 Draw Use Case Diagram, #361 Draw Wireframe, #360 Draw BCE Sequence Diagram, #363 Do Frontend Coding, #362 Do Backend Coding, #364 Conduct Testing, #359 Draw BCE Class Diagram, and #358 Do Use Case Description. The interface has a dark theme with light-colored cards for tasks.

Cinema Manager-Update Ticket Type

#62 User Story

As a Manager, I want to update the ticket type so that i can make changes to a specific ticket types.

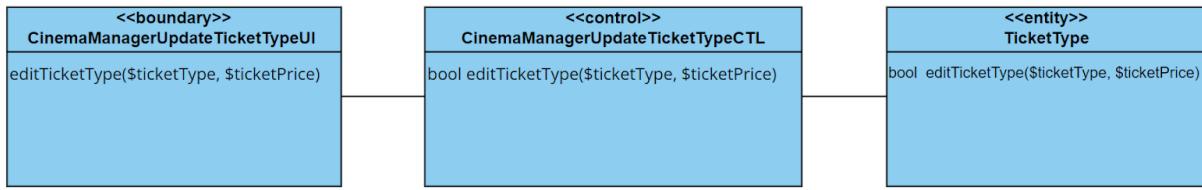
#365 Use Case Diagram



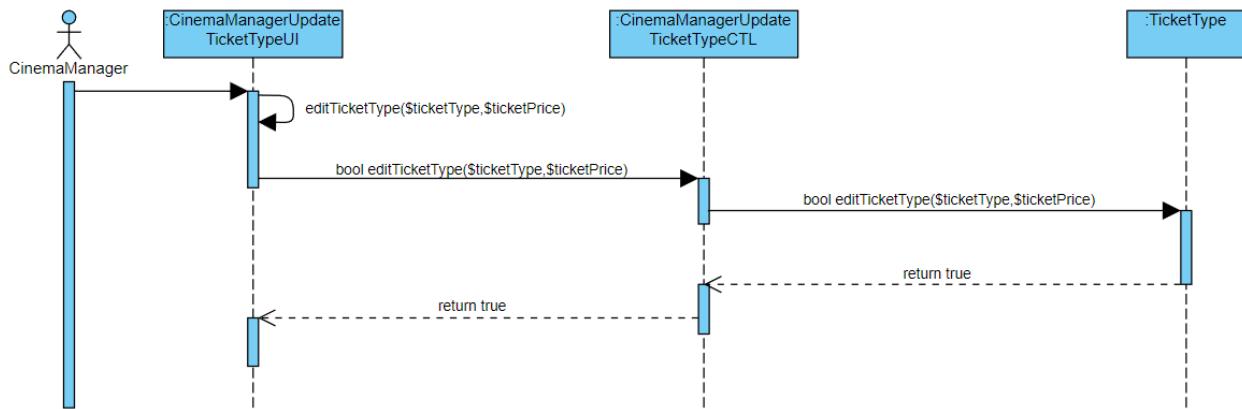
#366 Use Case Description

Name : Cinema Manager - Update Ticket Type	ID: #366
Stakeholders and goals : Cinema Manager - Wants to be able to Update Ticket Type	
Description : Cinema Manager wants to Update Ticket Type	
Actors : Cinema Manager	
Pre-Condition: Cinema Manager is on Cinema Manager Ticket Types UI page	
Trigger : Cinema Manager selects Update Ticket Type link	
Normal flow: <ol style="list-style-type: none">1. The System redirects user to Cinema Manager Update Ticket Type UI page2. The Cinema Manager fill in the required fields, then clicks the Submit button3. The System updates the ticket type accordingly and display a success message4. End	
Sub-flows : None	
Alternative/Exceptional flows: None	

#367 BCE Class Diagram



#368 Sequence Diagram



Cinema Manager Ticket Types UI Page



Profile Movie Sessions Cinema Rooms **Ticket Types** Food And Drinks Log Out

Ticket Types

Please select the Ticket Type feature to begin !

- > Create New Ticket Type
- > View All Ticket Types
- > Update Ticket Type
- > Suspend Ticket Type
- > Search Ticket Type

#369 Wireframe

The wireframe illustrates a user interface for managing movie theater operations. At the top, there is a navigation bar with links for Profile, Movie Sessions, Cinema Rooms, Ticket Types (which is the active page), and Food And Drinks. A Log Out button is also present. Below the navigation bar, the main content area features a title "Update Ticket Type" and a descriptive message: "Please fill up the form and click on submit to update ticket type!". The form consists of two sections: "Ticket Type" and "Ticket Price". The "Ticket Type" section contains a dropdown menu labeled "Please Select A Option". The "Ticket Price" section contains a text input field labeled "Enter Ticket Price to Update" and a "Submit" button.

Profile Movie Sessions Cinema Rooms **Ticket Types** Food And Drinks Log Out

Update Ticket Type

Please fill up the form and click on submit to update ticket type!

Ticket Type

Please Select A Option ▾

Ticket Price

Enter Ticket Price to Update

Submit

#372 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-372				
Test Case Description :	Cinema Manager - Update Ticket Type				
Pre-Condition :	User is on CinemaManagerTicketType UI page				
Test Data File :	tickettype_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-372-1	Select "Update Ticket Type" to access update interface for ticket type	-	Interface for Ticket Type Updating is displayed on screen.	Form for Ticket Type Updating is displayed.	Pass
TC-372-2	Selects Ticket Type to update and enters updated data	Ticket Type to update = "adult" New Ticket Price = 30	Message displayed to show that information for specified ticket type is updated.	"Update Ticket Success" is displayed onscreen to show that ticket type information is updated.	Pass

Taiga

Sprint 3 26 Apr 2023 to 03 May 2023

Scrum Backlog

Issues

USER STORY

NEW	IN PROGRESS	READY FOR TEST	CLOSED	NEEDS INFO
#62 Cinema Manager-Update Ticket Type			#372 Conduct Testing	

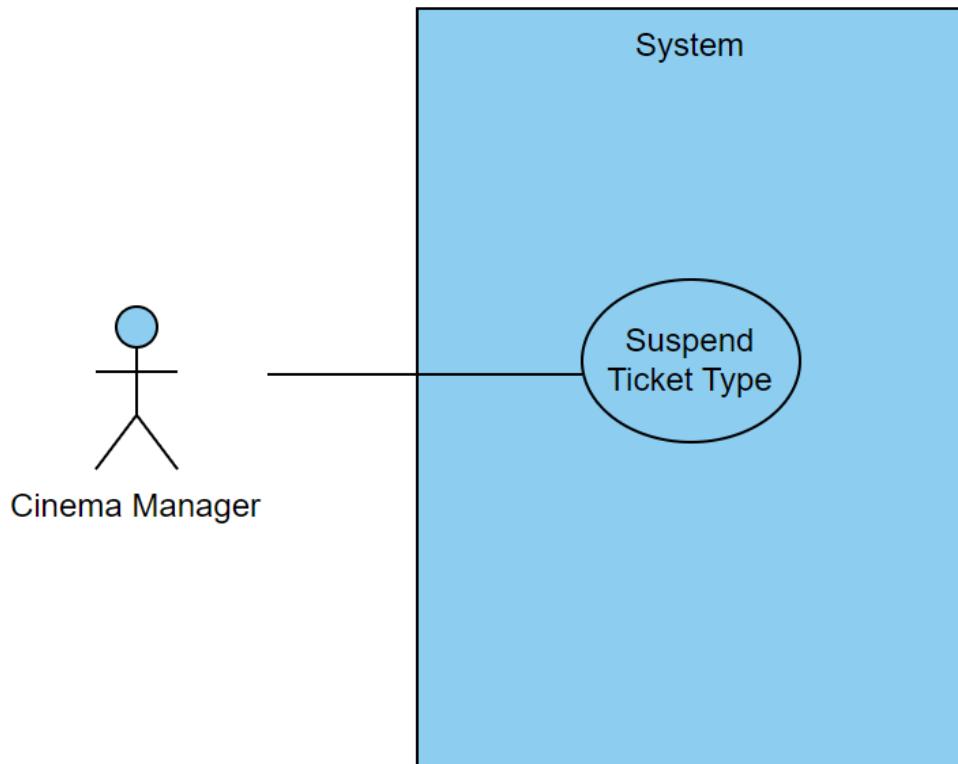
Search wiki Team collapse menu

Cinema Manager-Suspend Ticket Type

#63 User Story

As a Cinema Manager, I want to suspend ticket type so that I can suspend a certain ticket type.

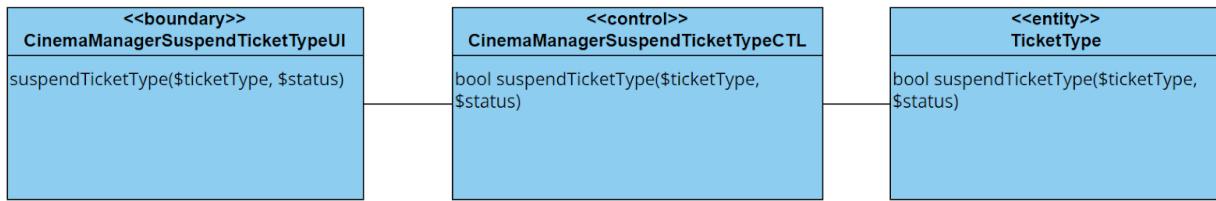
#373 Use Case Diagram



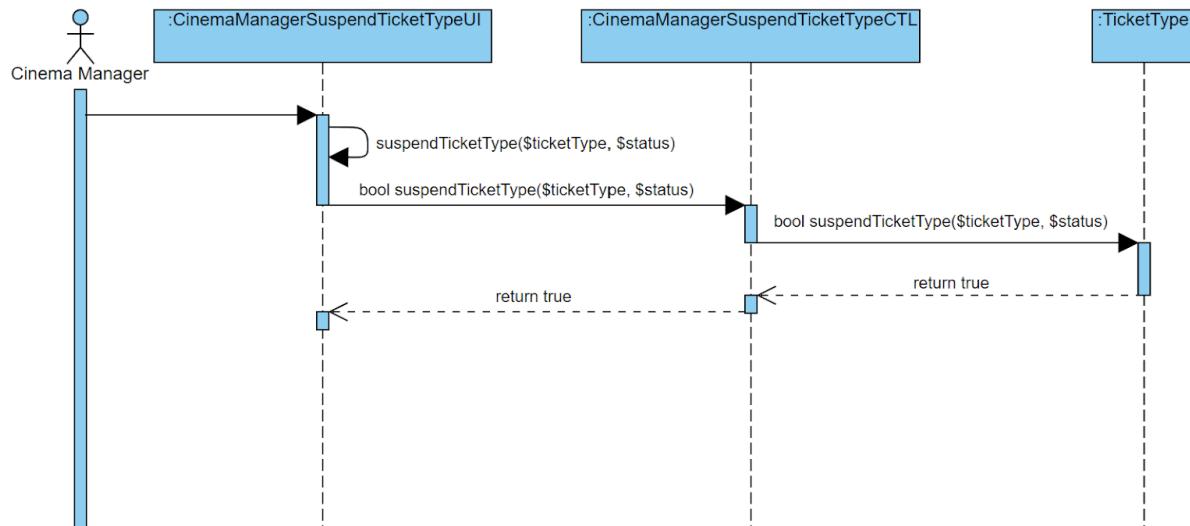
#374 Use Case Description

Name : Cinema Manager - Suspend Ticket Type	ID: #374
Stakeholders and goals : Cinema Manager - Wants to be able to Suspend Ticket Type	
Description : Cinema Manager wants to Suspend Ticket Type	
Actors : Cinema Manager	
Pre-Condition: Cinema Manager is on Cinema Manager Ticket Types UI page	
Trigger : Cinema Manager selects Suspend Ticket Type link	
Normal flow: <ol style="list-style-type: none">1. The System displays Cinema Manager Suspend Ticket Type UI page2. The Cinema Manager selects ticket type as well as suspend status before pressing the submit button3. The System update the ticket type's suspend status accordingly and display a success message4. End	
Sub-flows : None	
Alternative/Exceptional flows: None	

#375 BCE Class Diagram



#376 BCE Sequence Diagram



Cinema Manager Ticket Types UI Page



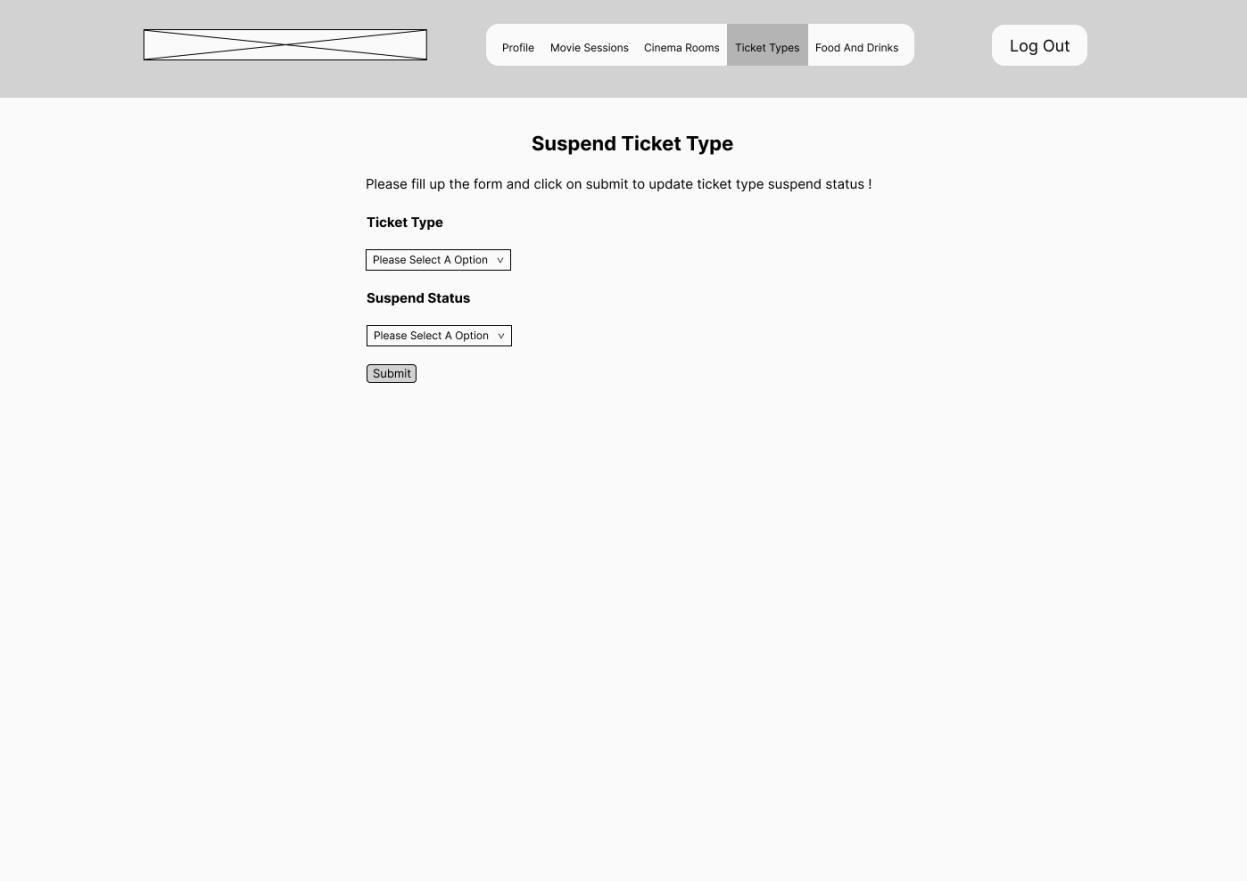
Profile Movie Sessions Cinema Rooms **Ticket Types** Food And Drinks Log Out

Ticket Types

Please select the Ticket Type feature to begin !

- > Create New Ticket Type
- > View All Ticket Types
- > Update Ticket Type
- > Suspend Ticket Type
- > Search Ticket Type

#377 Wireframe



The wireframe shows a user interface for managing ticket types. At the top, there is a navigation bar with links for Profile, Movie Sessions, Cinema Rooms, Ticket Types (which is the active tab), and Food And Drinks. A Log Out button is also present. Below the navigation bar, the main content area has a title "Suspend Ticket Type" and a descriptive message: "Please fill up the form and click on submit to update ticket type suspend status !". There are two input fields: "Ticket Type" and "Suspend Status", each accompanied by a dropdown menu labeled "Please Select A Option". A "Submit" button is located at the bottom of the form.

Suspend Ticket Type

Please fill up the form and click on submit to update ticket type suspend status !

Ticket Type

Please Select A Option ▾

Suspend Status

Please Select A Option ▾

Submit

#380 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-380				
Test Case Description :	Cinema Manager- Suspend Ticket Type				
Pre-Condition :	User is on CinemaManagerTicketType UI page				
Test Data File :	tickettype_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-380-1	Select "Suspend Ticket Type" to access Suspend Ticket Type interface	-	Display interface to allow user to suspend specific ticket type.	A form is displayed for ticket type suspension	Pass
TC-380-2	Select a ticket type to be suspended	Ticket Type = "adult" Suspend Status = "Yes"	Message displays on screen to show that ticket type has been suspended.	"Successfully Update Suspend Status" is displayed on screen upon successful suspension.	Pass

Taiga

The screenshot shows the Taiga project management interface. On the left, a sidebar includes links for Projects, SIM2023Q2-BrainDead (selected), Scrum, Backlog, Issues, Search, wiki, and Team. A collapse menu button is at the bottom. The main area displays Sprint 3 from April 26 to May 3, 2023. The progress bar shows 0% completion with 0 total points, 0 completed points, 0 open tasks, 162 closed tasks, and 0 cocaine doses. A filter bar allows searching by subject or reference. The backlog table has columns for USER STORY, status (NEW, IN PROGRESS, READY FOR TEST, CLOSED, NEEDS INFO), and details. An example story is #63 Cinema Manager-Suspend Ticket Type, currently NEW. To its right is a list of closed stories: #379 Do Frontend Coding, #378 Do Backend Coding, #373 Draw Use Case Diagram, #380 Conduct Testing, #375 Draw BCE Class Diagram, #376 Draw BCE Sequence Diagram, #374 Do Use Case Description, and #377 Draw Wireframe.

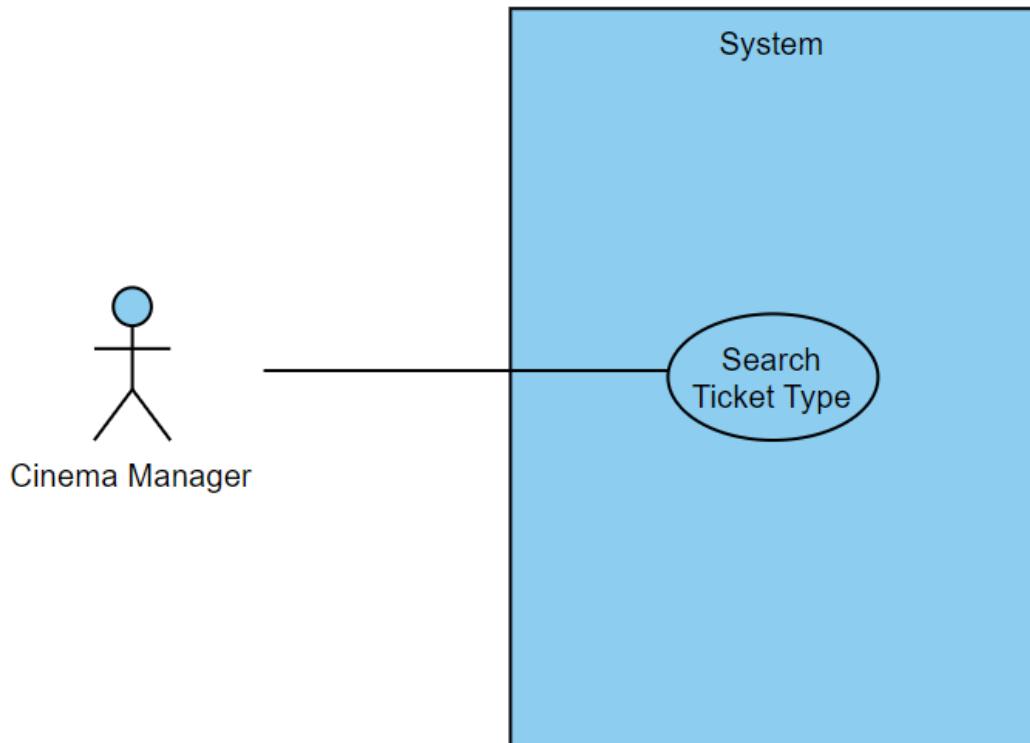
USER STORY	NEW	IN PROGRESS	READY FOR TEST	CLOSED	NEEDS INFO
#63 Cinema Manager-Suspend Ticket Type N/E	+			#379 Do Frontend Coding #378 Do Backend Coding #373 Draw Use Case Diagram #380 Conduct Testing #375 Draw BCE Class Diagram #376 Draw BCE Sequence Diagram #374 Do Use Case Description #377 Draw Wireframe	⋮ ⋮ ⋮ ⋮ ⋮ ⋮ ⋮ ⋮

Cinema Manager-Search Ticket Type

#64 User Story

As a Cinema Manager, I want to search for the different ticket type so that I can review individual ticket type details.

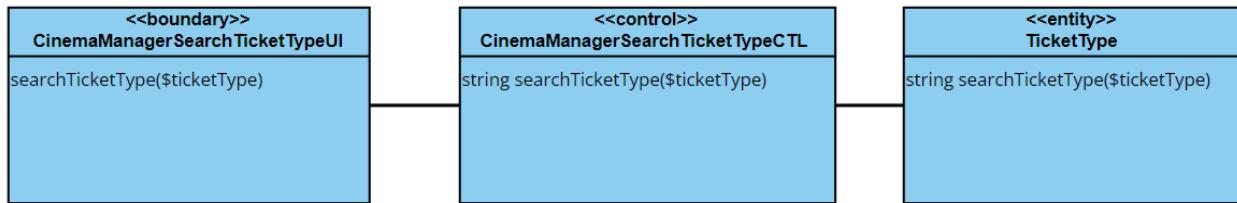
#381 Use Case Diagram



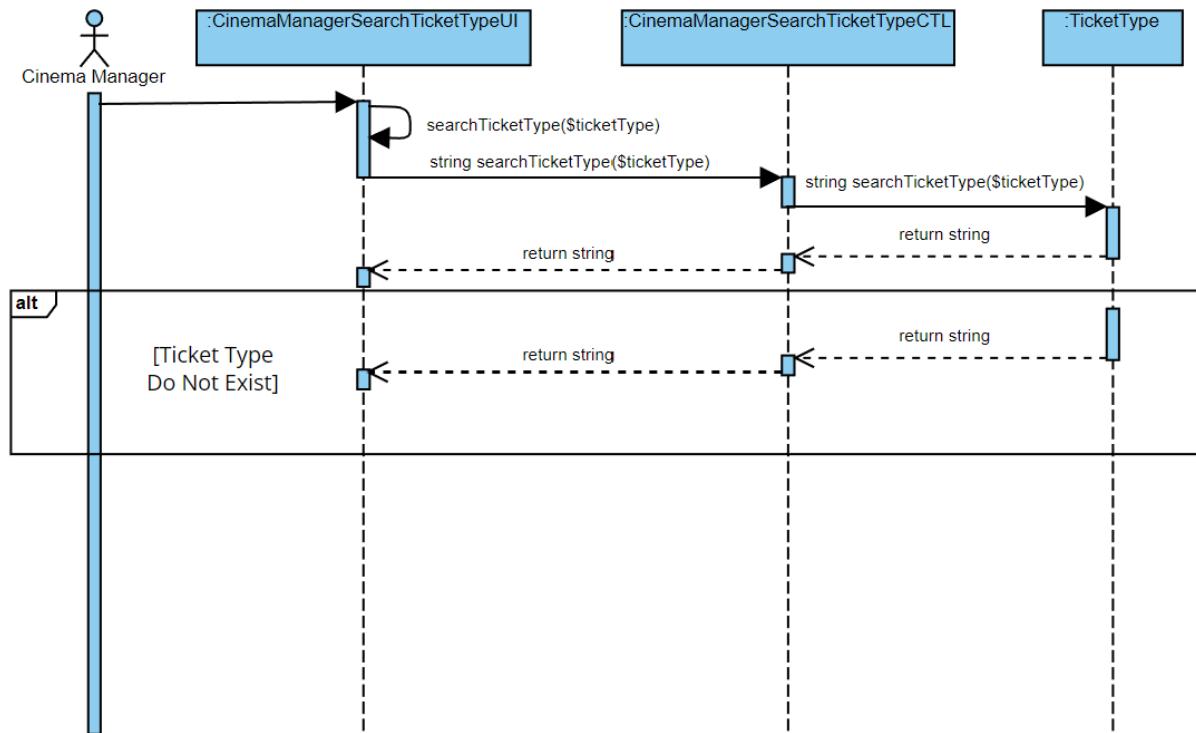
#382 Use Case Description

Name : Cinema Manager - Search Ticket Type	ID: 382
Stakeholders and goals : Cinema Manager - Wants to be able to search ticket type	
Description : Cinema Manager wants to search new ticket type	
Actors : Cinema Manager	
Pre-Condition: Cinema Manager is on Cinema Manager Ticket Types UI page	
Trigger : Cinema Manager Clicks on Search Ticket Type link	
Normal flow: <ol style="list-style-type: none">1. The System displays Cinema Manager Search Ticket Type UI page2. The Cinema Manager input Ticket Type and click Search button3. The System validates the Ticket Type and displays the Ticket Type, Ticket Price and Suspend Status4. End.	
Sub-flows : None	
Alternative/Exceptional flows: <p>3a Ticket Type Do Not Exist: The system performs a validation check to determine if the ticket type that the Cinema Manager intends to search exists within the database. In the event that the ticket type already does not exist, an error message will prompt to inform the Cinema Manager.</p>	

#383 BCE Class Diagram



#384 BCE Sequence Diagram



Cinema Manager Ticket Types UI Page



Profile Movie Sessions Cinema Rooms **Ticket Types** Food And Drinks Log Out

Ticket Types

Please select the Ticket Type feature to begin !

- > Create New Ticket Type
- > View All Ticket Types
- > Update Ticket Type
- > Suspend Ticket Type
- > Search Ticket Type

#385 Wireframe

The wireframe depicts a user interface for searching ticket types. At the top, there is a navigation bar with links for Profile, Movie Sessions, Cinema Rooms, Ticket Types (which is the active tab), and Food And Drinks. A Log Out button is also present. Below the navigation bar, the main content area features a title "Search Ticket Type" and a sub-instruction "Enter Ticket Type And Click on Search to start!". A search form is centered, consisting of a text input field labeled "Enter Ticket Type" and a "Search" button.

Profile Movie Sessions Cinema Rooms **Ticket Types** Food And Drinks Log Out

Search Ticket Type

Enter Ticket Type And Click on Search to start!

Ticket Type

Enter Ticket Type **Search**

#388 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-388				
Test Case Description :	Cinema Manager-Search Ticket Type				
Pre-Condition :	User is on CinemaManagerTicketType UI page				
Test Data File :	tickettype_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-388-1	Select "Search Ticket Type" to access Search interface for Ticket Type	-	Display search interface	Search interface is displayed	Pass
TC-388-2	Search for an <u>existing</u> ticket type	Ticket type to search = "adult"	Result matching search is displayed	Information for ticket type "adult" is displayed	Pass
TC-388-3	Search for <u>non-existent</u> ticket type	Ticket type to search = "ABCDE"	Message to display that no result is found.	"Please Enter A Valid Ticket Type!" is displayed as no data found.	Pass

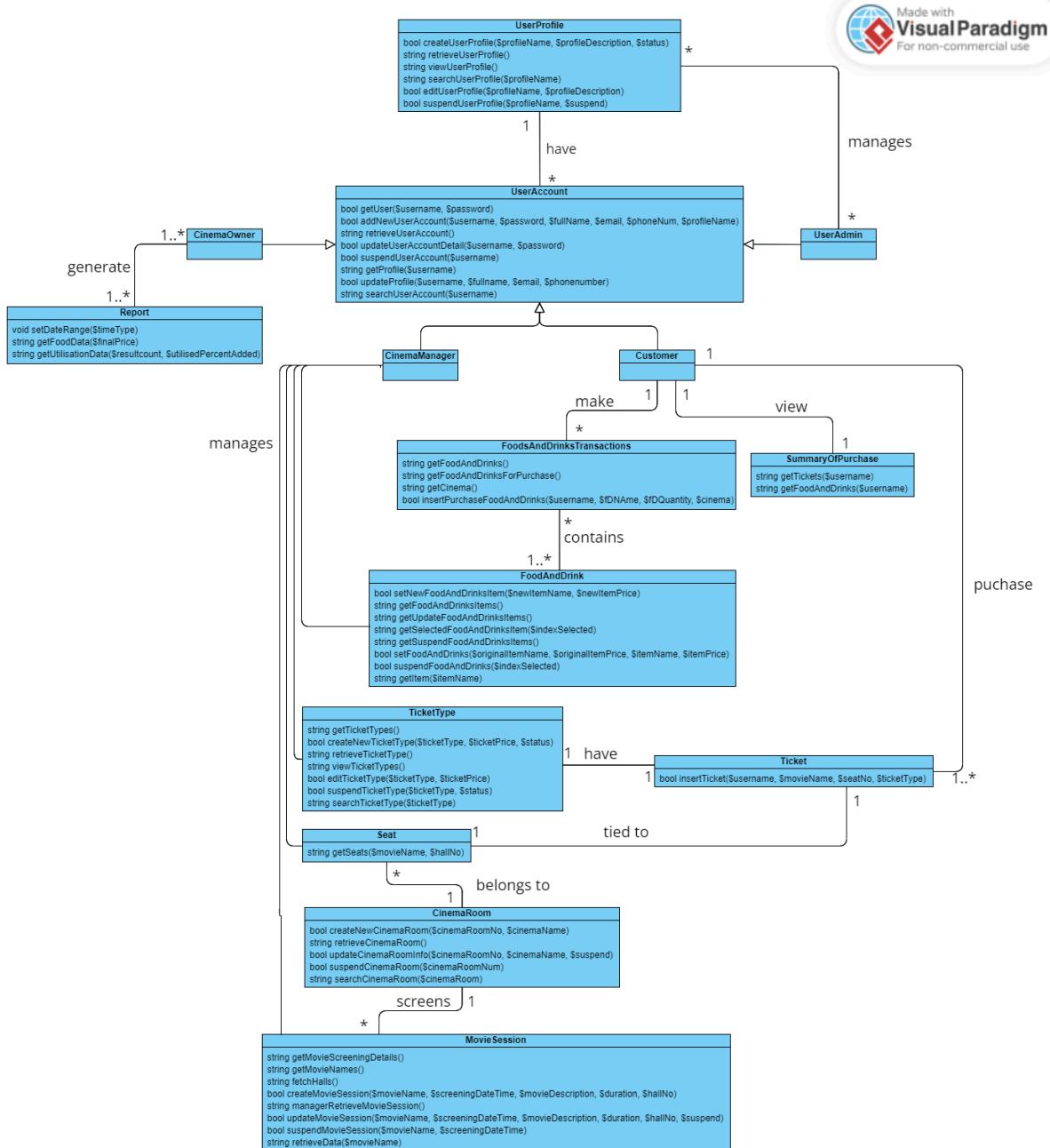
Taiga

The screenshot shows a Taiga Scrum board for the 'SIM2023Q2-BrainDead' project. The board is set up for 'Sprint 3' from 26 April 2023 to 03 May 2023. The backlog is categorized under 'Scrum' and 'Backlog'. The current view is on the 'Issues' board, which displays a Kanban-style board with columns: USER STORY, NEW, IN PROGRESS, READY FOR TEST, CLOSED, and NEEDS INFO. A user story titled '#64 Cinema Manager-Search Ticket Type' is currently in the 'IN PROGRESS' column. To the right of the board, a sidebar lists several tasks, each with a progress bar and a small profile icon:

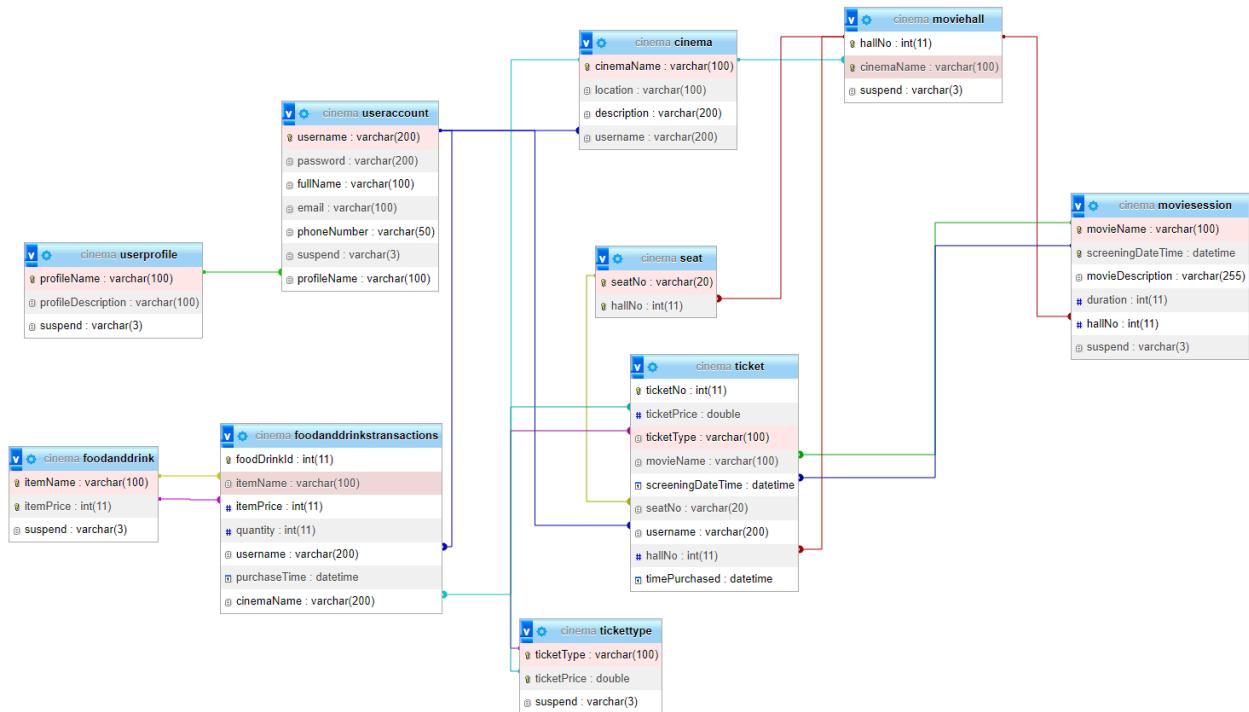
- #387 Do Frontend Coding (Progress: 100%)
- #385 Draw Wireframe (Progress: 100%)
- #386 Do Backend Coding (Progress: 100%)
- #381 Draw Use Case Diagram (Progress: 100%)
- #382 Do Use Case Description (Progress: 100%)
- #383 Draw BCE Class Diagram (Progress: 100%)
- #384 Draw BCE Sequence Diagram (Progress: 100%)
- #388 Conduct Testing (Progress: 100%)

The sidebar also includes links for 'Search', 'Wiki', and 'Team', along with a 'collapse menu' option.

#559 UML Class Diagram



#642 Data Persistence Diagram



Meeting Minutes

Meeting Minutes: Sprint 3 - Planning			
Date: 26th April 2023 Time: 1300 - 1500	Attendees: Song Xian, Cheng Xun, Min Liang, Christon, John, Yong Qi, Whye Keat, Tian Sheng		
Meeting Objective: Divide user stories among team members			
Agenda: 1. Allocation of backlogs 2. Number of user stories to do this sprint			
Discussion summary: Similar to the last sprint, we agreed to do more user stories compared to Sprint 1. Team members were splitted into small groups again and each group took 4-5 user stories.			
Items	Action Items	Responsibility	Deadline
User Story #60, # 61, #62, #63, #64	Draw use case, use case description, BCE diagram, sequence diagram, wireframe Code frontend and backend Do testing for code	Song Xian, Yong Qi	3rd May 2023
User Story #23, #24, #25, #26, #29, #30	Draw use case, use case description, BCE diagram, sequence diagram, wireframe Code frontend and backend Do testing for code	Cheng Xun, Min Liang	3rd May 2023
User story #41, #42, #44, #45	Draw use case, use case description, BCE diagram, sequence diagram, wireframe Code frontend and backend	John, Christon	3rd May 2023

	Do testing for code		
User Story #7, #8, #18, #20, #22	Draw use case, use case description, BCE diagram, sequence diagram, wireframe Code frontend and backend Do testing for code	Whye Keat, Tian Sheng	3rd May 2023
UML Class Diagram	Draw UML Class Diagram	John	3rd May 2023
Wireframe	Create wireframe diagrams for user stories #7, #8, #18, #20, #22, #41, #42, #44, #45, #23, #24, #25, #26, #29, #30, #60, #61, #62, #63, #64	Christon	3rd May 2023

Next Meeting:

In the next meeting, we planned to discuss the code that we have pushed and committed to the main branch in Gitlab, and discuss any difficulty we encountered for the items assigned to us.

Meeting Minutes: Sprint 3	
Date: 3rd May 2023	Attendees: Song Xian, Cheng Xun, Min Liang, Christon, John, Yong Qi, Whye Keat, Tian Sheng
Time: 1200 - 1250	
Meeting Objective: Review of sprint	
Agenda: <ol style="list-style-type: none"> Difficulty encountered during sprint Declare which user story is done 	
Discussion summary: We reviewed the code as a team, tested each user story, and approved the code. No difficulty encountered during the sprint.	
User stories #7, #8, #18, #20, #22, #41, #42, #44, #45, #23, #24, #25, #26, #29, #30, #60, #61, #62, #63, #64 are marked done	

Sprint 4 [3rd May to 10th May]

Test Plan

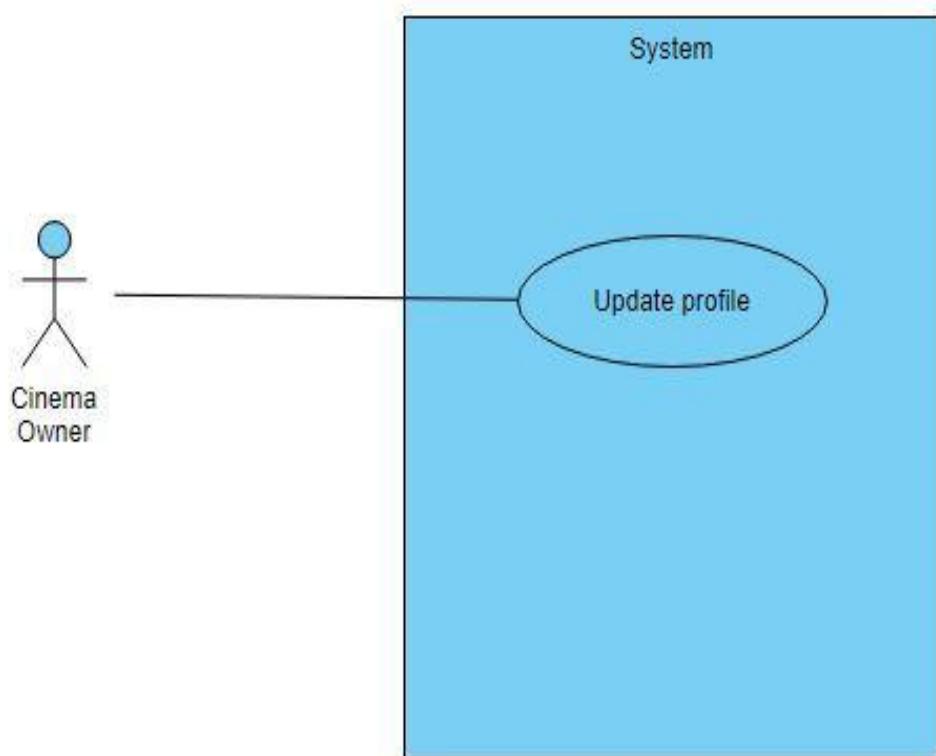
Master Test Plan for Sprint 4 [03 MAY - 10 MAY]	
Personnel Conducting Test:	Chong Min Liang
Test Schedule:	07 MAY 2023 to 09 MAY 2023
Test Environment used:	Local Physical Device with access to browsers such as Microsoft Edge / Google Chrome
Testing Technique:	<p><i>Unit Testing:</i></p> <ul style="list-style-type: none">- To validate individual components / function <p><i>Integrate Testing:</i></p> <ul style="list-style-type: none">-Verifies interaction between component, ensure integrated program is in working order.
Components tested in current sprint:	<p><i>Testing type:</i> Functionality</p> <p><i>Tested Components:</i></p> <ol style="list-style-type: none">1. Cinema Owner-Update Profile2. User Admin-Update Profile3. Cinema Owner- View Profile4. User Admin-View Profile5. Cinema Manager- View Profile

Cinema Owner - Update Profile

#39 User Story

As a Cinema Owner, I want to be able to update my profile so that I can edit my details.

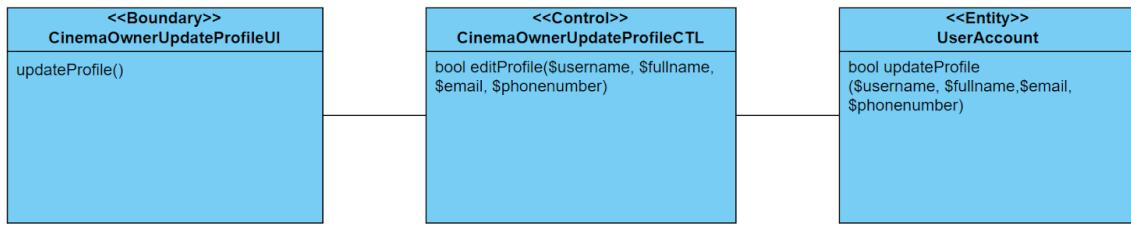
#568 Use Case Diagram



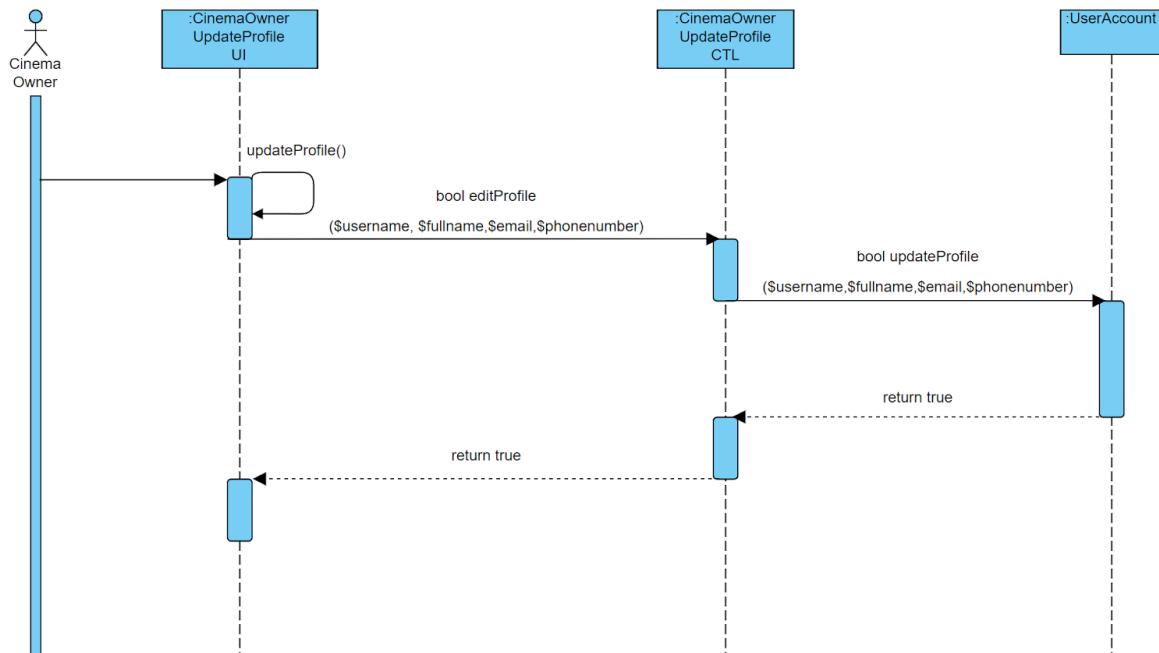
#569 Use Case Description

Name : Cinema Owner - Update Profile	ID: #569
Stakeholders and goals : Cinema Owner - Wants to update profile	
Description : Cinema Owner wants to update profile information	
Actors : Cinema Owner	
Precondition : Cinema Owner is on Cinema Owner View Profile Page	
Trigger : Cinema Owner clicks on Update profile link	
Normal flow: <ol style="list-style-type: none">1. The System displays the Cinema Owner Update Profile page2. The Cinema Owner chooses to edit full name, email or phone number then clicks on Update button3. The System updates the corresponding profile in the database4. End.	
Sub-flows : None	
Alternative/Exceptional flows : None	

#570 BCE Class Diagram



#571 BCE Sequence Diagram



Cinema Owner View Profile UI Page



Profile Revenue Report Cinema Utilisation Report

Log Out

Username: ownerusername

Full Name: ownerfullname

Email: email@email.com

Phone Number: 81234567

[Update Profile](#)

#572 Wireframe

The wireframe depicts a user profile page. At the top left is a placeholder for a profile picture, showing a simple geometric shape. To the right of the picture is a horizontal navigation bar with three items: "Profile", "Revenue Report", and "Cinema Utilisation Report". On the far right of the top bar is a "Log Out" button. The main content area below the header is currently empty, represented by a large white space. In the bottom-left quadrant of this area, there is a form for updating personal information. The form consists of three input fields with labels: "Full Name" with value "ownerusername", "Email" with value "email@email.com", and "Phone Number" with value "81234567". Below these fields is a single "Update" button.

Full Name: ownerusername

Email: email@email.com

Phone Number: 81234567

Update

#575 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-575				
Test Case Description :	Cinema Owner - Update Profile				
Pre-Condition :	User is on CinemaOwnerViewProfile UI page				
Test Data File :	userAccount_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-575-1	Select "Update Profile" to update user profile information	-	Interface to allow update of personal profile is displayed	A form to update personal profile is displayed in screen	Pass
TC-575-2	Enter new details for user profile	Full Name = "new CO name" Email = "newcoemail@gmail.com" Phone number = "98765432"	System updates and display updated information	Redirected back to View Profile page displaying updated information.	Pass

Taiga

Sprint 4 03 May 2023 to 10 May 2023

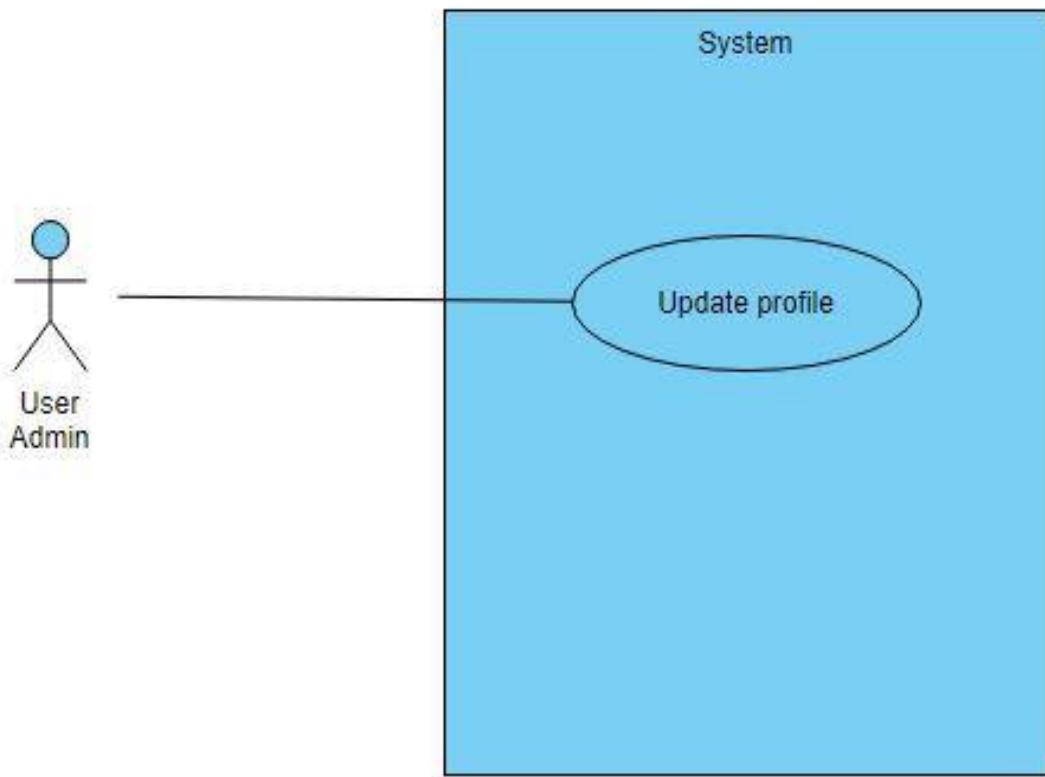
USER STORY	NEW	IN PROGRESS	READY FOR TEST	CLOSED	NEEDS INFO
#39 Cinema Owner-Update Profile	NEW				#568 Draw Use Case Diagram #575 Conduct Testing #574 Do Frontend Coding #569 Do Use Case Description #573 Do Backend Coding #570 Draw BCE Class Diagram #571 Draw BCE Sequence Diagram #572 Draw Wireframe

User Admin - Update Profile

#48 User Story

As a User Admin, I want to be able to update my profile so that I can edit my details.

#627 Use Case Diagram



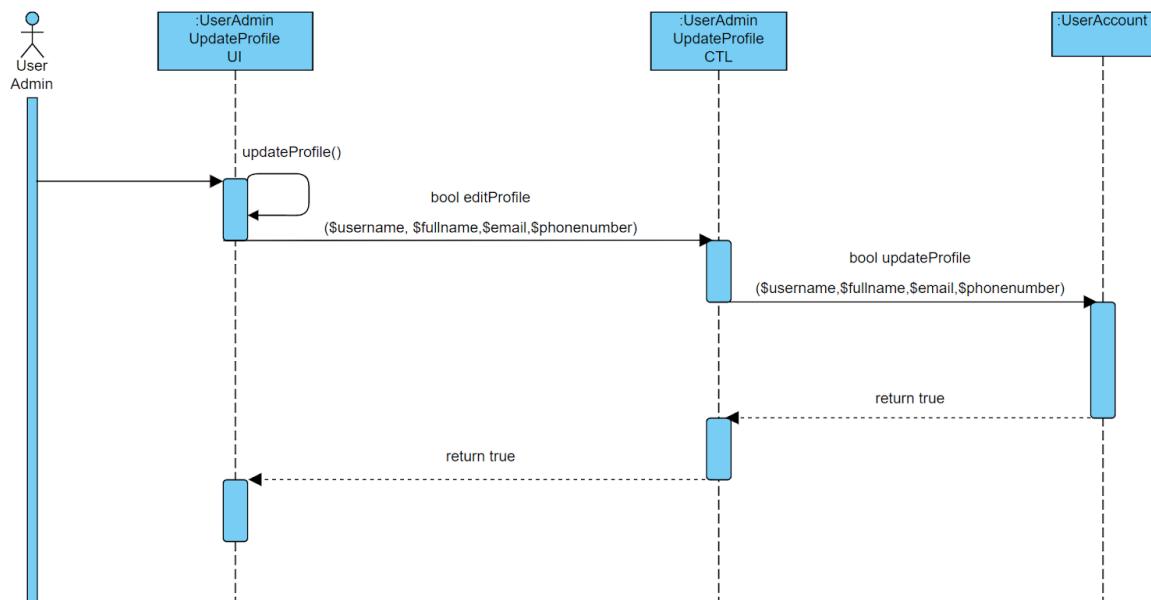
#628 Use Case Description

Name : User Admin - Update Profile	ID: #628
Stakeholders and goals : User Admin - Wants to Update Profile	
Description : User Admin wants to update profile information	
Actors : User Admin	
Precondition : User Admin is on User Admin View Profile page	
Trigger : User Admin clicks on Update Profile link	
Normal flow: <ol style="list-style-type: none">1. The System displays the User Admin Update Profile page2. The User Admin chooses to edit full name, email or phone number then clicks on Update button3. The System updates the corresponding profile in the database4. End.	
Sub-flows : None	
Alternative/Exceptional flows: None	

#629 BCE Class Diagram



#630 BCE Sequence Diagram



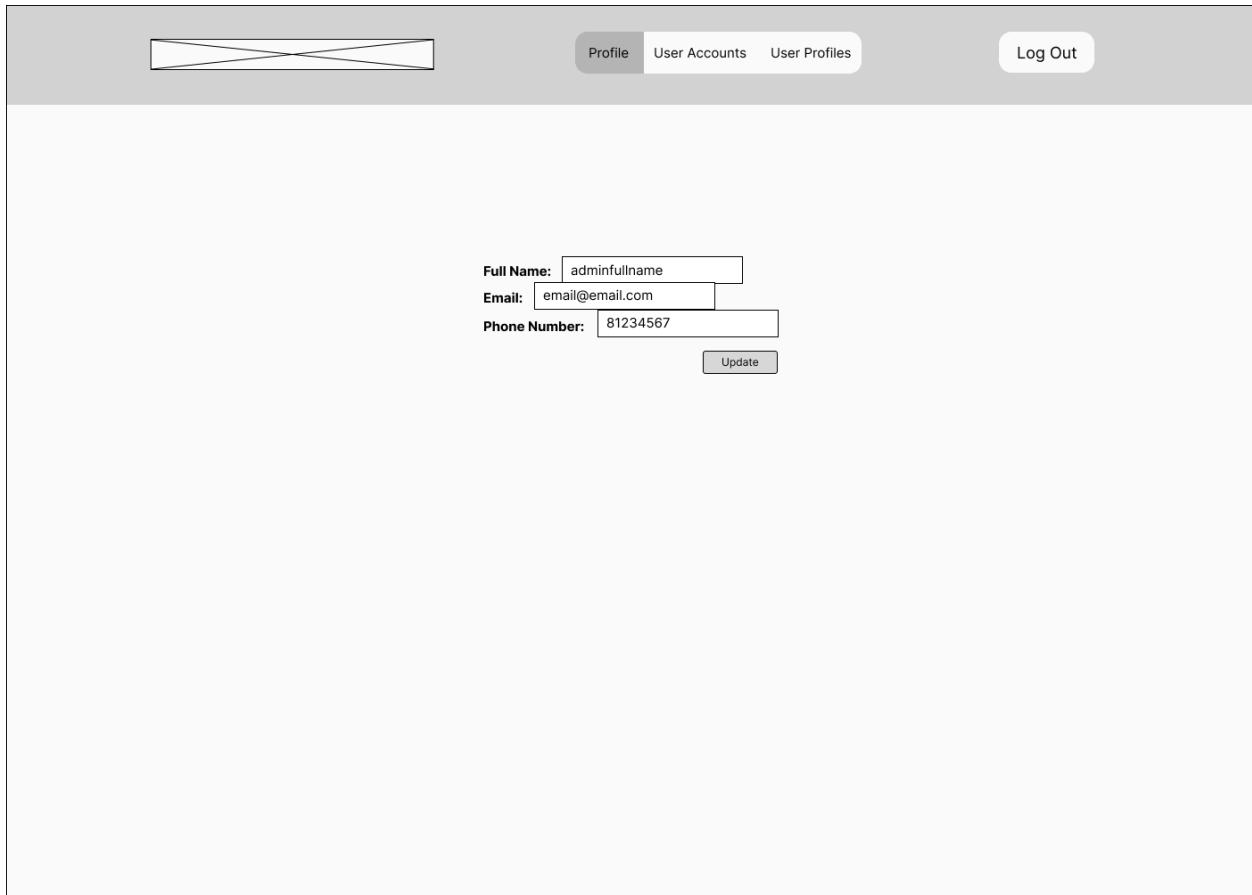
User Admin View Profile UI Page



Profile User Accounts User Profiles Log Out

Username: adminusername
Full Name: adminfullname
Email: email@email.com
Phone Number: 81234567
[Update Profile](#)

#631 Wireframe



A wireframe diagram of a user profile update page. The page has a header with a logo placeholder, navigation links for Profile, User Accounts, and User Profiles, and a Log Out button. The main content area contains fields for Full Name, Email, and Phone Number, each with a placeholder value. A central Update button is positioned below these fields.

Full Name: adminfullname

Email: email@email.com

Phone Number: 81234567

Update

#634 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-634				
Test Case Description :	User Admin - Update Profile				
Pre-Condition :	User is on UserAdminViewProfile UI page				
Test Data File :	userAccount_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-634-1	Select "Update Profile" to update user profile information	-	Interface to allow update of personal profile is displayed	A form to update personal profile is displayed in screen	Pass
TC-634-2	Enter new details for user profile	Full Name = "new UA name" Email = "newuaemail@gmail.com" Phone number = "98765432"	System updates and display updated information	Redirected back to View Profile page displaying updated information.	Pass

Taiga

The screenshot shows a Taiga Scrum board for Sprint 4, which runs from 03 May 2023 to 10 May 2023. The board has five columns: NEW, IN PROGRESS, READY FOR TEST, CLOSED, and NEEDS INFO. A user story titled "#48 User Admin-Update Profile" is currently in the NEW column. In the IN PROGRESS column, there are 45 tasks. In the READY FOR TEST column, there are 0 tasks. In the CLOSED column, there are 0 tasks. In the NEEDS INFO column, there are 9 tasks, each with a unique ID and a small icon:

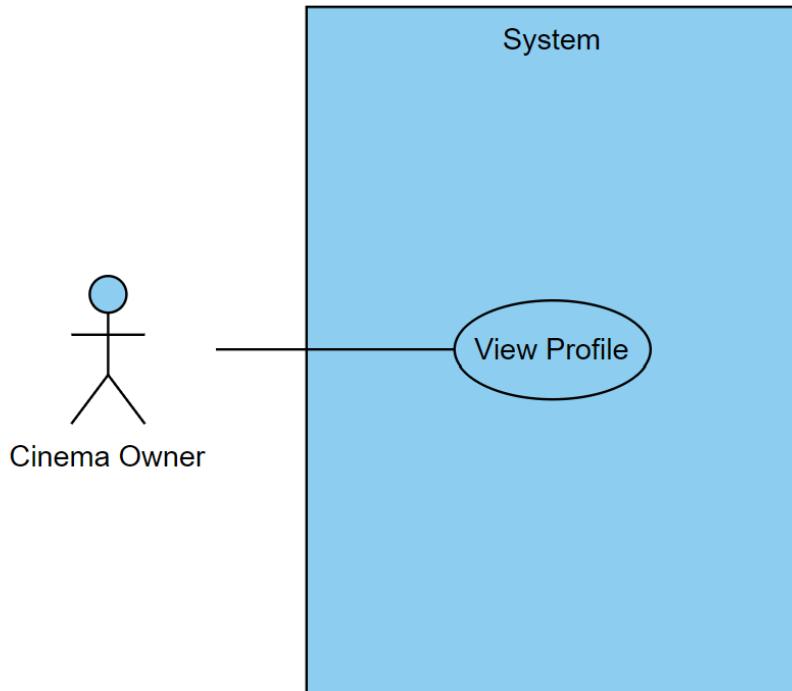
- #627 Draw Use Case Diagram
- #634 Conduct Testing
- #631 Draw Wireframe
- #633 Do Frontend Coding
- #628 Do Use Case Description
- #632 Do Backend Coding
- #630 Draw BCE Sequence Diagram
- #629 Draw BCE Class Diagram

Cinema Owner - View Profile

#482 User Story

As a Cinema Owner, I want to be able to view my profile so that I can check my personal details.

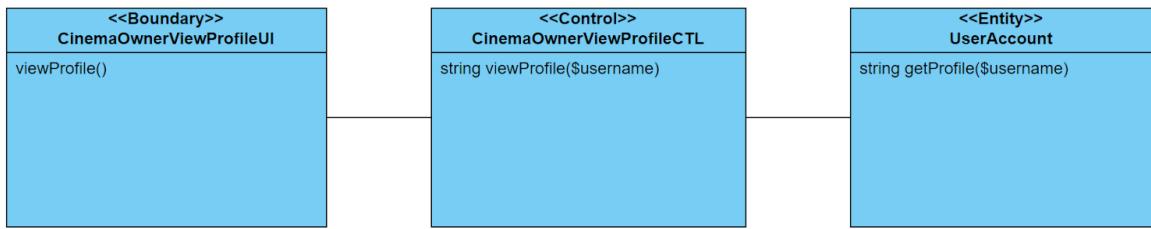
#560 Use Case Diagram



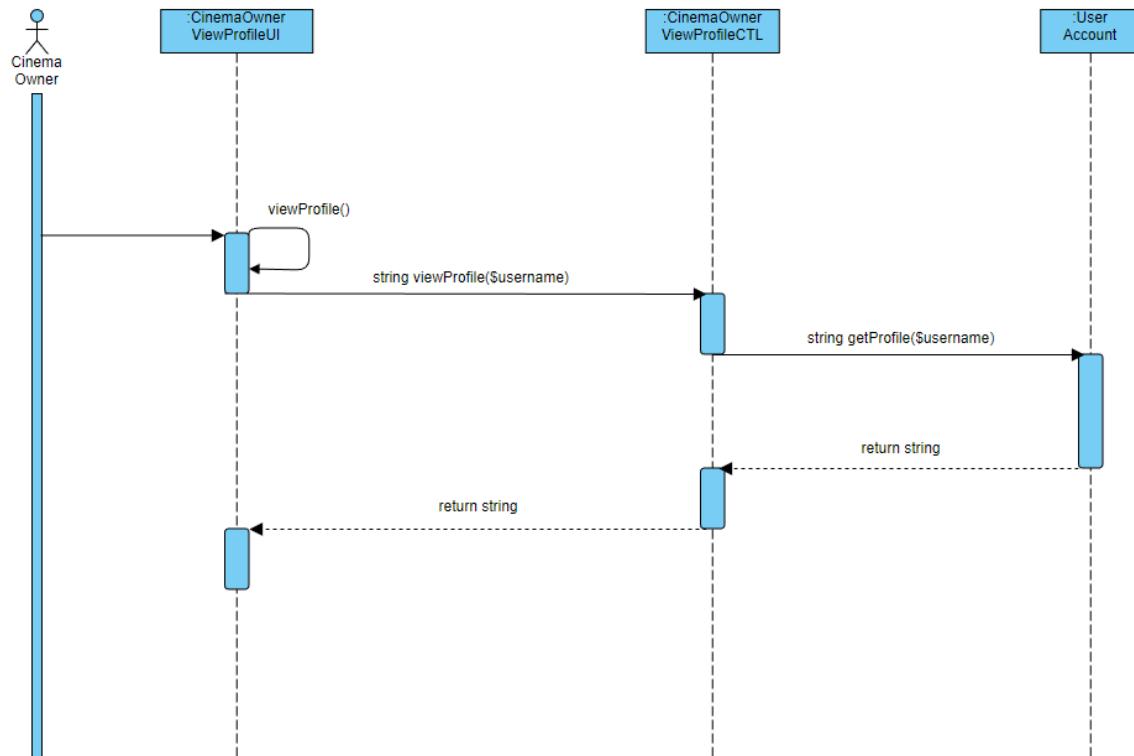
#561 Use Case Description

Name : Cinema Owner - View Profile	ID: #561
Stakeholders and goals : Cinema Owner - Wants to view profile	
Description : Cinema Owner wants to view profile to see their personal details	
Actors : Cinema Owner	
Precondition : Cinema Owner logged in	
Trigger : Cinema Owner clicks on Profile tab	
Normal flow: <ol style="list-style-type: none">1. The system searches for the username in the database and displays the information to the Cinema Owner2. End.	
Sub-flows : None	
Alternative/Exceptional flows: None	

#562 BCE Class Diagram



#563 BCE Sequence Diagram



#564 WireFrame

The wireframe depicts a user profile page. At the top left is a placeholder image consisting of two overlapping triangles. To the right of the image is a horizontal navigation bar with three items: "Profile" (which is highlighted in grey), "Revenue Report", and "Cinema Utilisation Report". On the far right of the header is a "Log Out" button. The main content area below the header is currently empty. In the bottom-left corner of this area, there is a small, faint watermark-like text that reads "Figma".

Username: ownerusername
Full Name: ownerfullname
Email: email@email.com
Phone Number: 81234567
[Update Profile](#)

#567 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-567				
Test Case Description :	Cinema Owner - View Profile				
Pre-Condition :	User is logged in				
Test Data File :	userAccount_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-567-1	Select "Profile" tab to view user profile	-	User profile information displayed on the screen	User profile information displayed on the screen	Pass

Taiga

The screenshot shows a Taiga Scrum board for the 'SIM2023Q2-BrainDead' project. The board is divided into columns: USER STORY, NEW, IN PROGRESS, READY FOR TEST, CLOSED, and NEEDS INFO. A user story titled '#482 Cinema Owner-View Profile' is currently in the IN PROGRESS column. To its right, under the CLOSED column, is a list of tasks:

- #561 Do Use Case Description
- #567 Conduct Testing
- #565 Do Backend Coding
- #566 Do Frontend Coding
- #560 Draw Use Case Diagram
- #564 Draw Wireframe
- #562 Draw BCE Class Diagram
- #563 Draw BCE Sequence Diagram

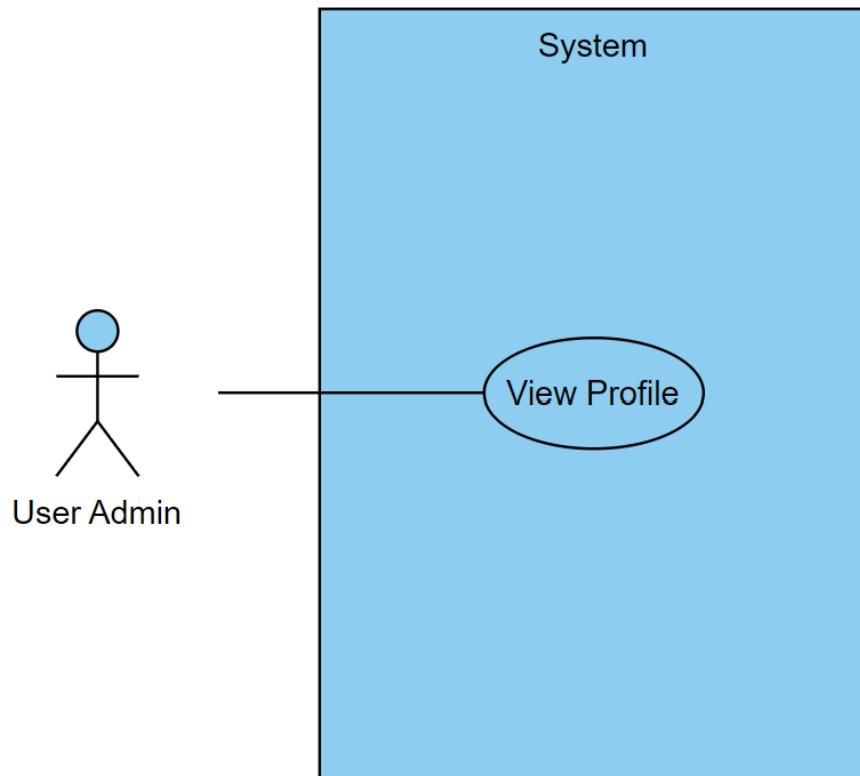
The sidebar on the left includes links for Projects, Scrum, Backlog, Issues, Search, wiki, and Team.

User Admin - View Profile

#577 User Story

As a User Admin, I want to be able to view my profile so that I can check my personal details

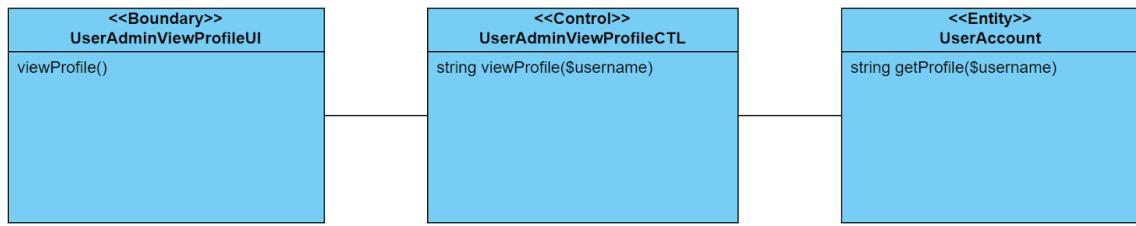
#619 Use Case Diagram



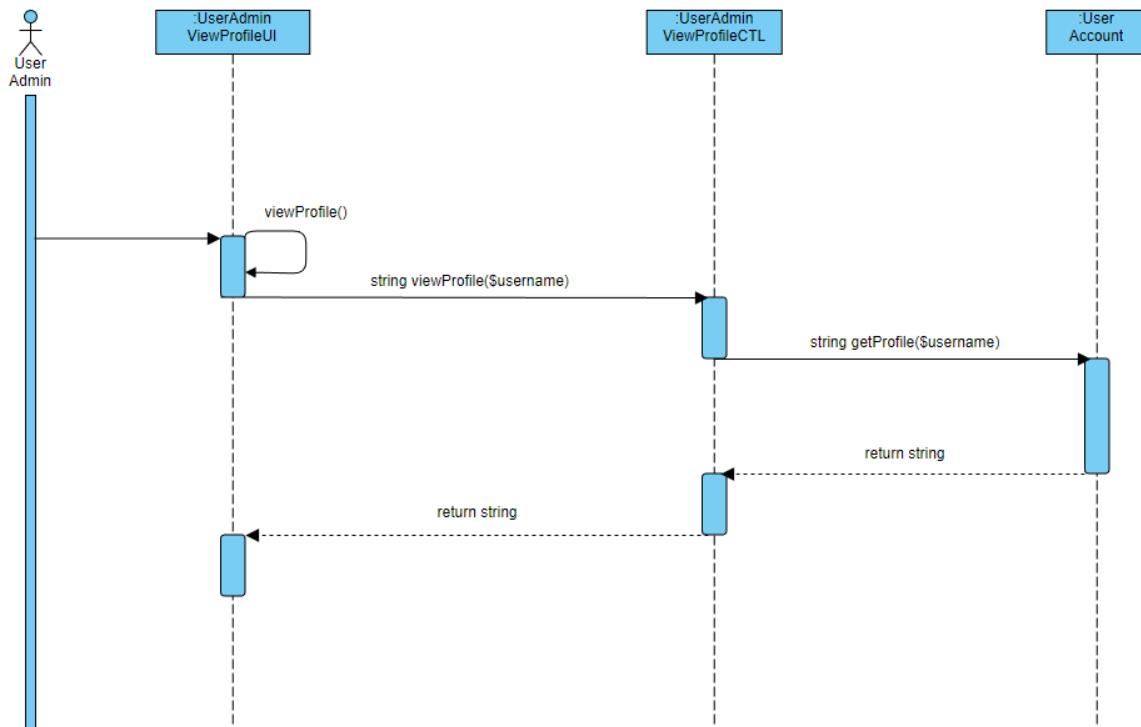
#620 Use Case Description

Name : User Admin - View Profile	ID: #620
Stakeholders and goals : User Admin - Wants to view profile	
Description : User Admin wants to view profile to see their personal details	
Actors : User Admin	
Precondition : User Admin logged in	
Trigger : User Admin clicks on Profile tab	
Normal flow: <ol style="list-style-type: none">1. The system searches for the username in the database and displays the information to the User Admin2. End.	
Sub-flows : None	
Alternative/Exceptional flows: None	

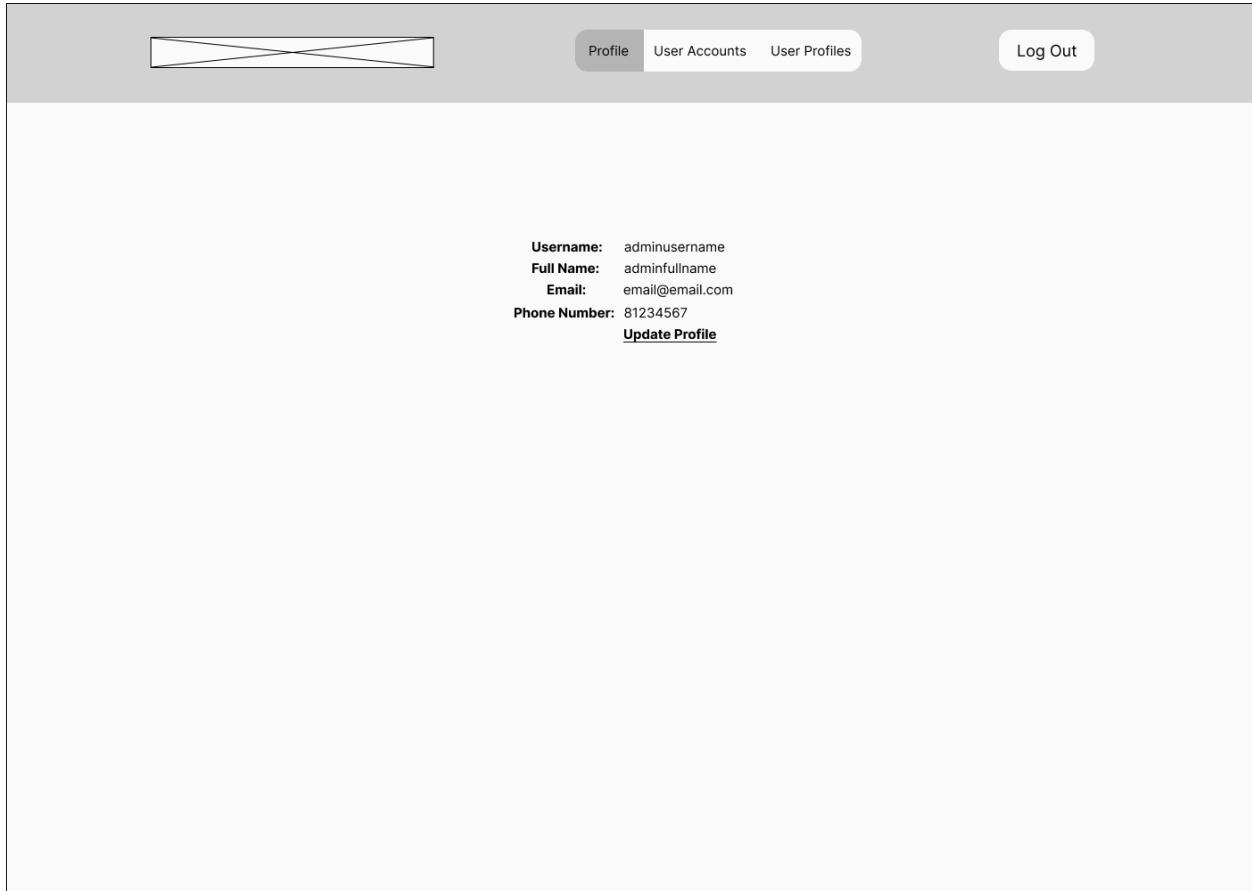
#621 BCE Class Diagram



#622 BCE Sequence Diagram



#623 Wireframe



#626 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-626				
Test Case Description :	User Admin - View Profile				
Pre-Condition :	User is logged in				
Test Data File :	userAccount_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-626-1	Select "Profile" tab to view user profile	-	User profile information displayed on the screen	User profile information displayed on the screen	Pass

Taiga

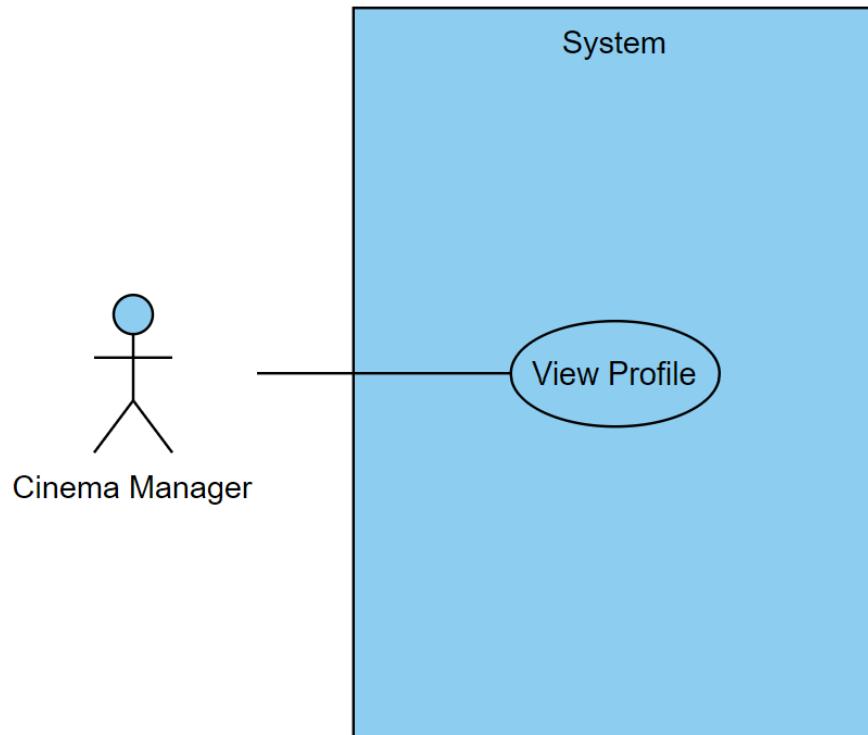
The screenshot shows the Taiga project management interface. On the left, there's a sidebar with links for Projects, Scrum, Backlog, Issues, Search, wiki, and Team. The main area displays a backlog board for 'Sprint 4' (03 May 2023 to 10 May 2023). The board has columns: NEW, IN PROGRESS, READY FOR TEST, CLOSED, and NEEDS INFO. A user story titled '#577 User Admin-View Profile' is in the NEW column. To its right, several tasks are listed in the CLOSED column, each with a small circular icon and a link: #619 Draw Use Case Diagram, #624 Do Backend Coding, #625 Do Frontend Coding, #626 Conduct Testing (which is currently selected), #623 Draw Wireframe, #620 Do Use Case Description, #622 Draw BCE Sequence Diagram, and #621 Draw BCE Class Diagram.

Cinema Manager - View Profile

#578 User Story

As a Cinema Manager, I want to be able to view my profile so that I can check my personal details.

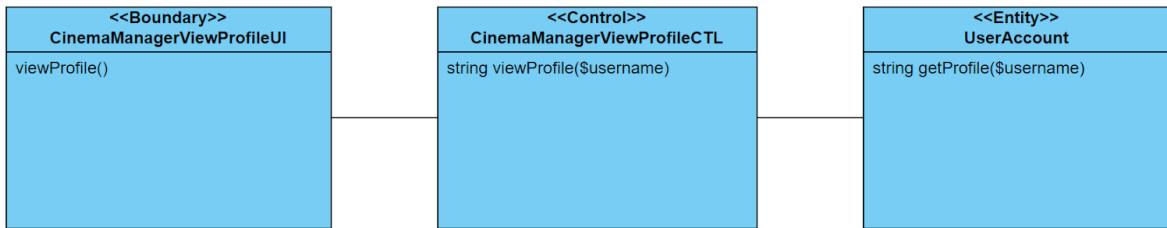
#611 Use Case Diagram



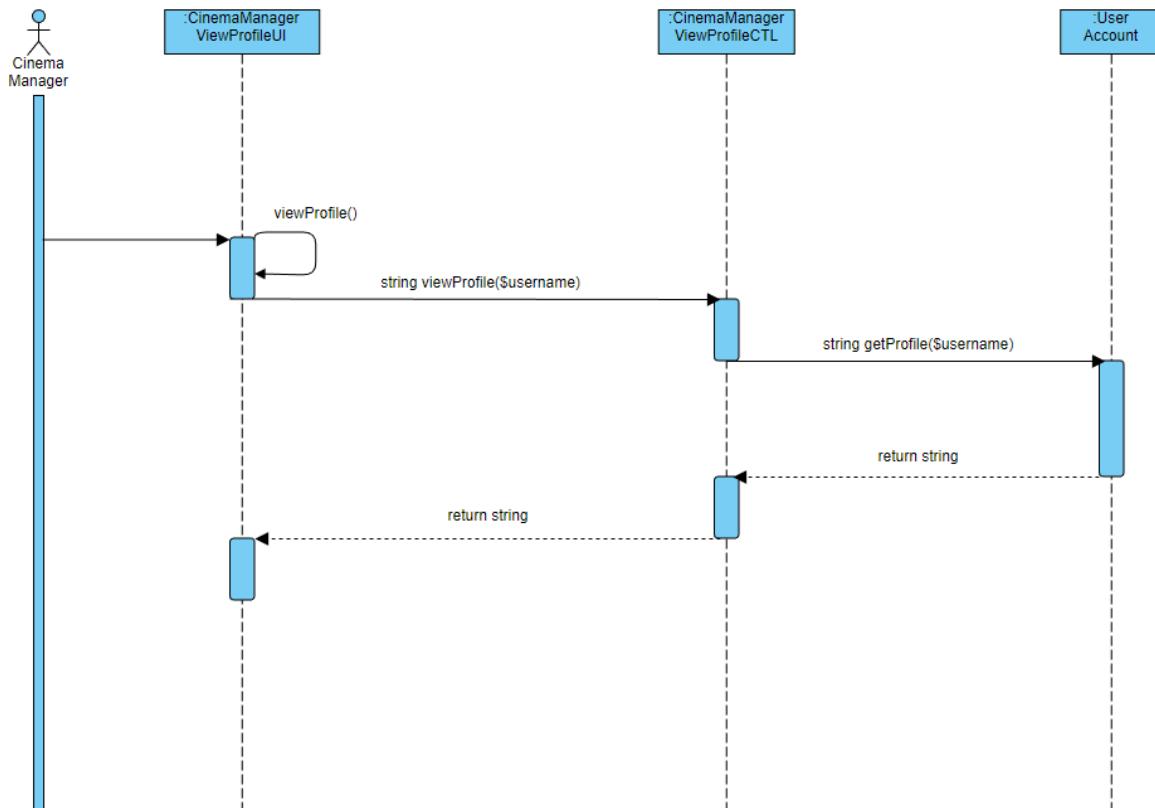
#612 Use Case Description

Name : Cinema Manager - View Profile	ID: #612
Stakeholders and goals : Cinema Manager - Wants to view profile	
Description : Cinema Manager wants to view profile to see their personal details	
Actors : Cinema Manager	
Precondition : Cinema Manager logged in	
Trigger : Cinema Manager clicks on Profile tab	
Normal flow: <ol style="list-style-type: none">1. The system searches for the username in the database and displays the information to the Cinema Manager2. End.	
Sub-flows : None	
Alternative/Exceptional flows: None	

#613 BCE Class Diagram



#614 BCE Sequence Diagram



#615 Wireframe

A wireframe diagram of a user profile page. The page has a dark grey header bar at the top. On the left side of the header is a placeholder for a user profile picture, showing a white rectangle with a black 'X' inside. To the right of the placeholder are five navigation links: "Profile" (which is highlighted in a darker shade), "Movie Sessions", "Cinema Rooms", "Ticket Types", and "Food And Drinks". On the far right of the header is a "Log Out" button. The main content area below the header is a large, light-grey rectangular box. Inside this box, there is a vertical stack of text fields and labels. From top to bottom, the labels and their corresponding values are: "Username: cinemamanager", "Full Name: cinemamanager", "Email: email@email.com", and "Phone Number: 81234567". Below these fields is a small, underlined text link labeled "Update Profile".

Profile Movie Sessions Cinema Rooms Ticket Types Food And Drinks Log Out

Username: cinemamanager
Full Name: cinemamanager
Email: email@email.com
Phone Number: 81234567
[Update Profile](#)

#618 Conduct Testing

Project Name :	BrainDead				
Test CaseID :	TC-618				
Test Case Description :	Cinema Manager- View Profile				
Pre-Condition :	User is logged in				
Test Data File :	userAccount_sql.txt				
Test Step	Test Step Description	Test Data	Expected Results	Actual Result	Pass/Fail
TC-618-1	Select "Profile" tab to view user profile	-	User profile information displayed on the screen	User profile information displayed on the screen	Pass

Taiga

The screenshot shows a Taiga Scrum board for the 'Sprint 4' iteration, which ran from 03 May 2023 to 10 May 2023. The board has five columns: NEW, IN PROGRESS, READY FOR TEST, CLOSED, and NEEDS INFO. There are two tasks in the IN PROGRESS column:

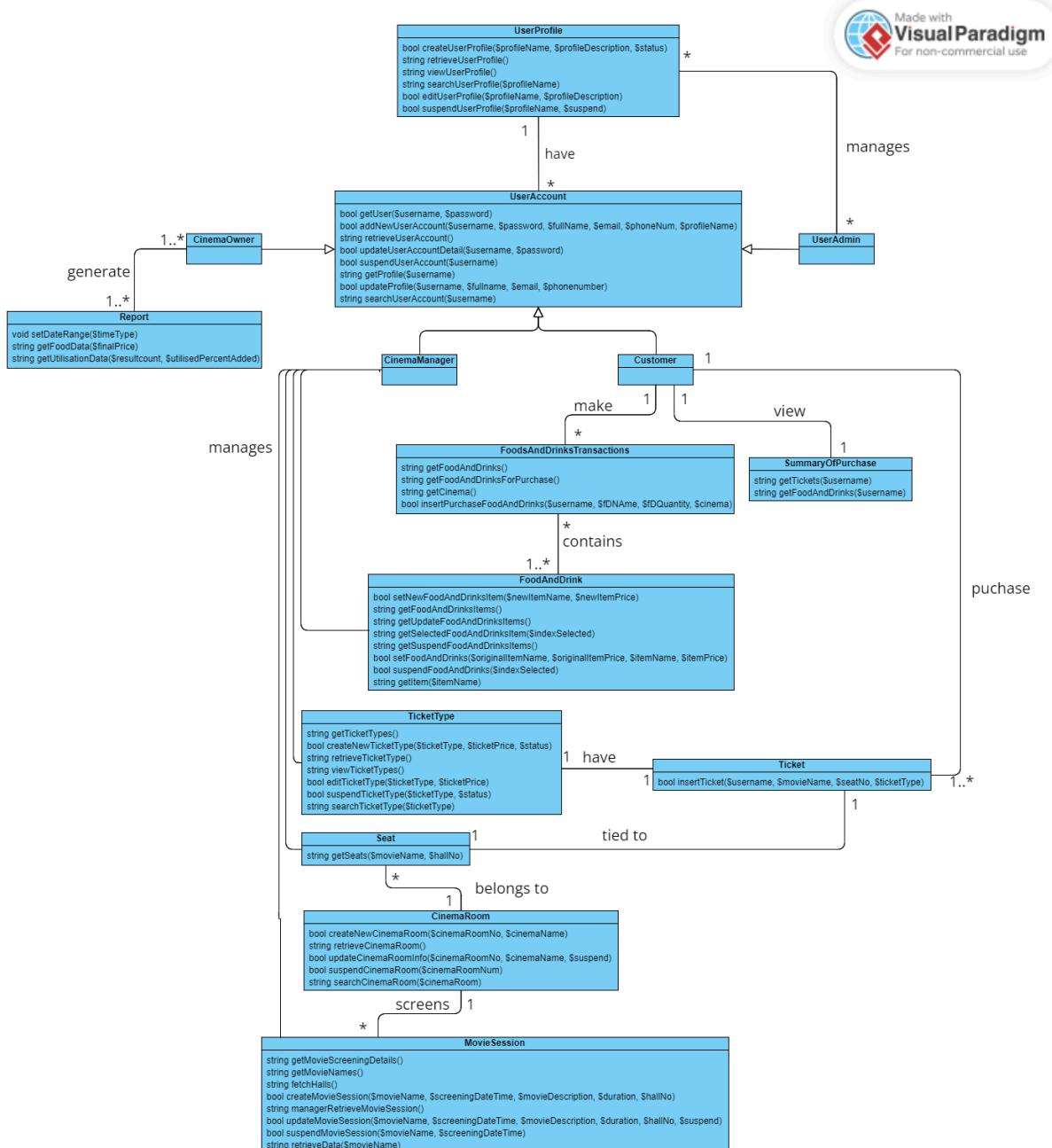
- #578 Cinema Manager- View Profile (Status: NEW)
- #618 Conduct Testing (Status: IN PROGRESS)

On the right side of the board, there is a vertical list of tasks categorized under 'NEEDS INFO':

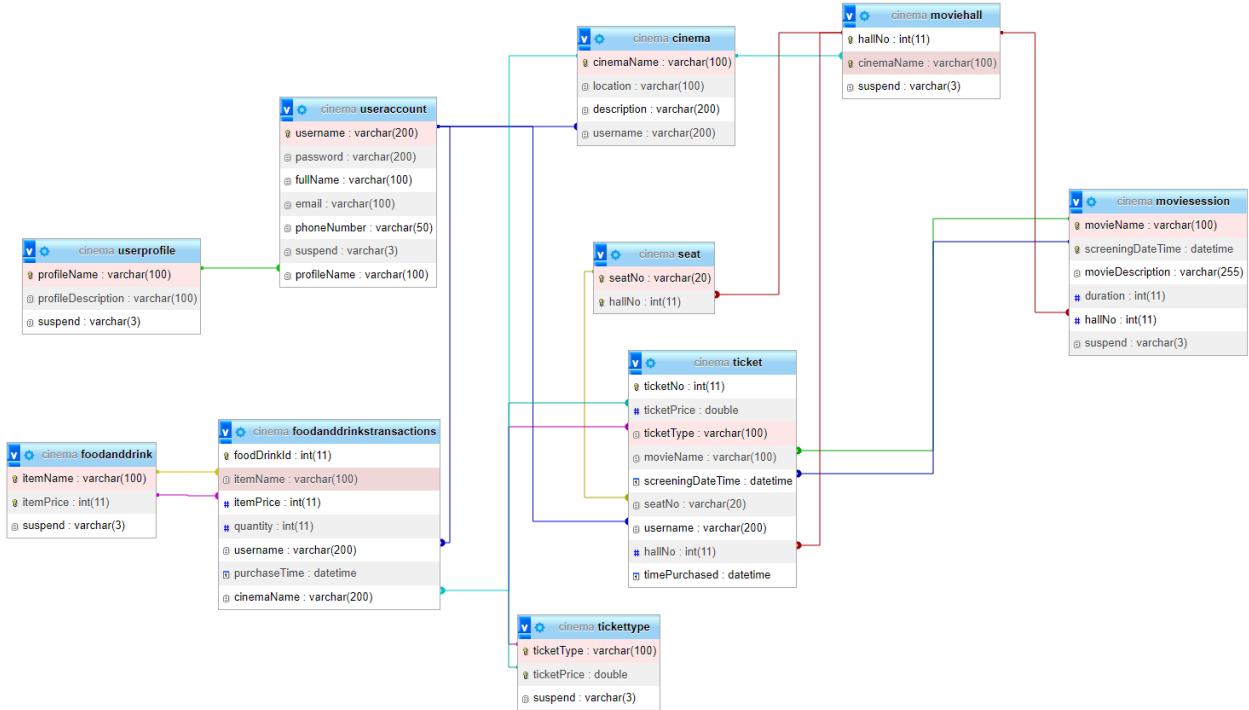
- #611 Draw Use Case Diagram
- #618 Conduct Testing
- #615 Draw Wireframe
- #616 Do Backend Coding
- #617 Do Frontend Coding
- #612 Do Use Case Description
- #614 Draw BCE Sequence Diagram
- #613 Draw BCE Class Diagram

The sidebar on the left shows project navigation (Projects, SIM2023Q2-BrainDead), sprint details (Scrum, Backlog, Issues), and search/filter options.

#645 UML Class Diagram



#643 Data Persistence Diagram



Meeting Minutes

Meeting Minutes: Sprint 4 - Planning			
Date: 3rd May 2023 Time: 1300 - 1500	Attendees: Song Xian, Cheng Xun, Min Liang, Christon, John, Yong Qi, Whye Keat, Tian Sheng		
Meeting Objective: Divide work among team members			
Agenda: <ol style="list-style-type: none"> Allocation of backlogs Numbers of user stories to do Choose which user stories to remove Review sprint 1 and 2 diagrams 			
Discussion summary: For change in requirement, we chose to remove loyalty points and review user stories following new instruction from Mr Terrence to choose either food and drink or loyalty points user stories to remove from the requirements. The group is splitted into two groups, one to do the remaining user stories and the other group to review the diagrams from sprint 1 and 2.			
Items	Action Items	Responsibility	Deadline
User Story #39, #48, #482, #577, #578	Draw use case, use case description, BCE diagram, sequence diagram, wireframe Code frontend and backend Do testing for code	Song Xian, Yong Qi	10th May 2023
Remove Taiga user stories Review Sprint 1 and 2's diagrams	Remove user stories from taiga Review sprint 1 and 2's use case, use case description, BCE diagram, sequence diagram	Cheng Xun, Min Liang, John, Whye Keat, Tian Sheng	10th May 2023
UML Class Diagram	Draw UML Class Diagram	Yong Qi	10th May 2023
Wireframe	Create wireframe	Christon	10th May

	diagrams for user stories #39, #48, #482, #577, #578		2023
Next Meeting: In the next meeting, we planned to discuss the code that we have pushed and committed to the main branch in Gitlab, discuss any difficulty we encountered for the items assigned to us, any problems regarding the diagrams for sprint 1 and 2.			

Meeting Minutes: Sprint 4 - Review	
Date: 10th May 2023	Attendees: Song Xian, Cheng Xun, Min Liang, Christon, John, Yong Qi, Whye Keat, Tian Sheng
Time: 1200 - 1250	
Meeting Objective: Review of sprint	
Agenda: <ol style="list-style-type: none"> Difficulty encountered during sprint Declare which user story is done 	
Discussion summary: We reviewed the code as a team, tested each user story, and approved the code. No difficulty encountered during the sprint.	
User stories #39, #48, #482, #577, #578 are marked done	