

### **January 27, 2025**

Meeting Duration: ~50 minutes

After ITR0, we wanted to focus on implementing features that are high priority given the user stories. We specifically decided to include a login system with high user security and the ability to search and filter movies by different categories. As well as programming the UI that'll make our application functional and interactive. All these steps are required to meet our client's needs and we'll begin building our application once we've learned how to implement these features.

### **February 3, 2025**

Meeting Duration: ~45 minutes

During this meeting, we began setting up the Github repository to collaborate and plan the basic structure of our project to ensure proper functionality before our first deliverable. We took a look at different databases/APIs we could use for general movie listings and ratings. One interesting one was the TMDb API, but may not be used in our application as we're still searching.

### **February 10, 2025**

Meeting Duration: ~60 minutes

After setting the ideas/features we want to implement during ITR1, we divided up the work into parts based on specific user stories from ITR0. We decided to divide the work as follows:

Gjergj: App Functionality, SQL

Rythem and Suneel: JavaSwing UI

Andy and Sarah: JUnit Testing, User Login and security

Using Gjergj's breakdown of the general structure of our classes in the UML diagram, we began programming our movie catalogue application. We decided to use the IMDB dataset as our database for a variety of different movies which can then be searched and filtered by the user. With the UI, we decided to use JavaSwing for its advanced features and flexibility when running across different platforms. With user login, it'll allow for more personalized recommendations for movies which will improve overall user experience. Also, to ensure security is up-to-standard, we'll implement JUnit test cases that'll ensure our application is running as expected and user accounts cannot be bypassed.

### **February 24, 2025**

Meeting Duration: ~40 minutes

After ITR1 was implemented, we looked back on what was done so far. We found out that there were still a few things missing that needed to be implemented to align with the user's interests.

So far, we implemented a simple login page, a database with a variety of movies for future use, basic UI and functionality for the movie page and a few general JUnit test cases.

Our next steps would be to implement further test cases to ensure proper functionality for the movie catalogue and user login system, and to integrate the database we selected into the movie catalogue. And so, we'll continue doing our respective parts as decided in the previous meeting.

### **March 3, 2025**

Meeting Duration: ~60 minutes

With the goal of creating a movie catalogue app that can display several movies and general information we must implement a way for the user to search for movies. For quality of life, it should at minimum display movies based on what the user types in the search bar and significant information (average rating, genre, etc.) in the search page. As this is a major part of our application, this will be the main focus for ITR2 so it's usable. We will continue as normal with this key detail in mind.

### **March 9, 2025**

Meeting Duration: ~60 minutes

As we're wrapping things up with ITR2, this meeting was held to ensure we had implemented most of not all the features we wanted at this point. So far, we have a general user login page with the capability of account registration and the main application where the user can search for a movie based on its genre and name. The catalogue page also displays the movies in a grid format with the movie title, release year, and rating displayed for easier accessibility. The movie catalogue app is currently able to deliver on the client's user stories, however we'll have more features planned that'll enhance the overall user experience to ensure the client is satisfied with the app.

### **March 10, 2025**

Meeting Duration: ~20 minutes

After reviewing what was completed for deliverable 1, we had a few issues to fix and features to improve upon. Notably, the program could not run on any device without the proper setup and so we decided to refactor the project to use SQLite instead. This way the project is more portable and can be run with no major compatibility issues.

### **March 17, 2025**

Meeting Duration: ~40 minutes

With the basic functionality of the application implemented, we would want to implement/improve features to satisfy more of our client's user stories. This brief meeting was held to decide what we could do to improve the movie catalogue application for ITR3. We decided to implement a way for the user to create a list of movies in different categories (favourites, watched, etc.), update UI elements that'll improve the user experience, implement reviews and include badges that'll give the user a sense of reward.

### **March 24, 2025**

Meeting Duration: ~38 minutes

Going through the code we found several bugs that could be fixed. Specifically what movies were displayed when applying genre filters and UI issues with buttons. Furthermore, we would have to update some of our test cases as we added more functionality in the classes when refactoring.

**March 30, 2025:**

Meeting Duration: ~60 minutes

With the overall project completed, we wrapped up the features we've implemented, checking for any other bugs that require fixing before the delivery. This meeting was held to ensure our application was presentable, and the movie listings, movie page, database connections, etc. all worked; however we were not able to properly implement badges for the user to obtain. This was an important part of our features to present and lack of teamwork heavily affected the final product. Overall, the project has its basic functionality while satisfying most of the user stories.