Project plan

Project Name: EuroMovies

Participants:

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Current situation

Most of the time people are very skeptical with the movies they want to watch because they are not sure if a movie is good enough for them to waste their time on. This web application will serve as a place to store reviews of a specific movie so that users would have a better understanding of the movie and make a better choice when choosing a movie.

Introduction to the project

The project will consist of 2 parts:

Part 1: Web application

This is where the user will operate. First, he has to create an account for himself or log in to an existing one. He will be able to search for movies by sorting them by desired genre or by using the search bar. After the client is able to find their desired movie they will be able to press on the image of the movie and it will take them to the movie page. There the customer is able to read the reviews of a film and/or leave a review himself. If he is not pleased with what he has written he can edit or delete the review.

Part 2: Win Forms application

Only the Admin will have access to the application. Creating a user account is possible by the app. Moreover, the Moderator will have the ability to edit the account details or delete a desired account. He can also choose on which account to do operations on. The same use cases apply for movies. Only the Manager is able to create a movie, unlike the user where the actual user has the ability to create an account in the

web application. Furthermore, the admin has the ability to view statistics such as highest rated movie and users that has rated the most movies.

Deliverables

- ## Must have:
  - Login system
  - Web application
  - Win Forms application
  - CRUD operations for movie reviews (Web application)
  - CRUD operations for users and movies (Win Forms application)
- ## Should have:
  - Search system
  - Sorting system
  - Good user interface
- ## Could have:
  - Subscription
  - Actor reviews
- ## Wont have:
  - Chat system
  - Streaming movies

Non-deliverables
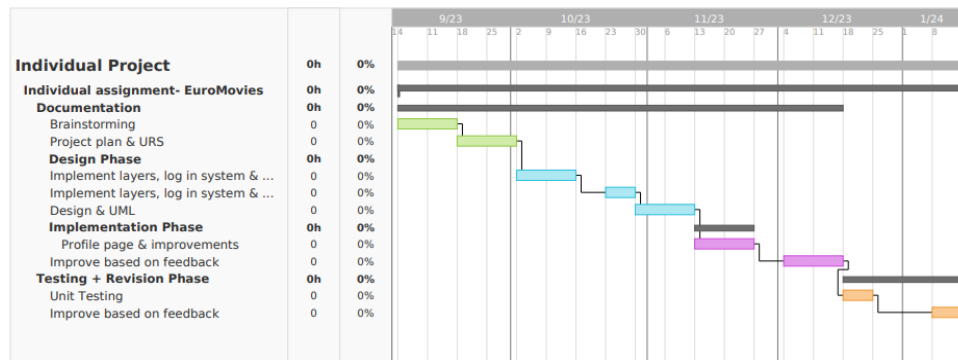
- No risk analysis
- Mobile application

Constraints

There is a deadline to keep. The deadline is until mid-February. Moreover, there are restrictions on the technology we can use for the two applications which is ".NET". Additionally, A programming model which has to be done with razor pages for the Web app as well as the Desktop app which is Windows Forms.

Planning

Phase 1: (Weeks 1-2)

- Brainstorming
- Project plan
- URS

Phase 2: (Weeks 3-4)

- Wireframes

- Implementing empty pages
- Implementing empty forms

Phase 3: (Weeks 5-7)

- Implementing layering for both desktop and web app
- Database connection and creating the necessary tables
- Implement Login system
- CRUD for users
- Implement sessions

Phase 4: (Weeks 8-9)

- Design desktop application
- Design web application
- UML class diagram
- Create more tables if needed and update database table diagram

Phase 5: (Weeks 10-11)

- Improve UML class diagram after teacher feedback
- Improve Desktop application after teacher feedback
- Improve Web application after teacher feedback
- Profile page working (CRUD) with profile picture for user

Phase 6: (Weeks 13-14)

- Improve UML class diagram after teacher feedback
- Improve Desktop application after teacher feedback
- Improve Web application after teacher feedback
- Get feedback and see the clients desire for more functionalities

Phase 7: (Weeks 15-16)

- Improve UML class diagram after teacher feedback
- Improve Desktop application after teacher feedback

- Improve Web application after teacher feedback
- Full CRUD implementation in the web application
- Search algorithm for top rated movies

Phase 8: (Weeks 17-18)

- Cleanup code
- Salting/hashing
- Unit testing