Filter by rating:

All ▼

please select to view cinemas playing:

Movie Name	Rating	Release Date
First Man	PG	14/11/2018
Free Solo	R	15/11/2018
MOVIE Name	R	16/11/2018
movieName1	G	18/11/2018
SM-370	NC-17	17/11/2018

Admin   Search

Location and the movie:

X:

Y:

Radius

Search

Cinemas	Show Time	location	
First Man	02:00am	Multiplex	
Free Solo	05:00am	Multiplex	
First Man	06:00am	Multiplex	
Free Solo	1:00pm	Multiplex	
Free Solo	12:00pm	Multiplex	
Free Solo	2:00pm	Multiplex	
Free Solo	3:00pm	Multiplex	
Free Solo	5:00pm	Multiplex	

Select Movie: _____   Select Time: _____ ▼   Select Cinema: _____   Insert   Delete

PROJECT REPORT

Movie Map

Anthony Pena | Queens College Cs 370- Software Engineering | Nov 15, 2018

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Document Description

Mission Statement

"To build an accurate map system that looks simple and intuitive to use."

Who are we
We are all a group of 5 students who for the most part are beginning our senior year in Queens College. We consist of Asma Pasha, Jiening Li, Louis Deng, Christian Bonifacio and myself.

Goal
The current goal is to make sure that basic functionality is to its best standars.

About this Document
This document elaborates in the process, development and team issues encountered as well as solutions.

Debugging Procedures & Testing

Requirement of Engineering Process

- *Feasibility Study*

  Based on previous experience on other projects using JDBC and MySQL the struggle was on the division of the team project which at the moment was a little complicated due to the fact that not all team members were available to work on this in time but we used time management and organizational structure to completed.

- *Requirement Elicitation and Analysis*

  The JDBC library for MySQL was mayor requirement in order to have performance, and usability of the project. The second requirement was a short time frame and labor due to midterms and other projects for each member and method to be able to collaborate in the most efficient way.

- *Requirement Specifications*

  Under the description for system the only requirement was to make sure to create proper filters and build the database accordingly. There was also the require detail order and understanding of javafx and the best way to develop a program with some new API. The advantage of its JavaFX power also came with a disadvantage on the amount of work and time in order for team to be able to develop with it and in order to be able to collaborate with it.Plus the routine build of the ZIP file.

Presentation of Demo

Testing process

- *Development Testing*

  The most conflicting issues in the development of this project was the agreement of the User experience and the requirements for the database. We changed the programming code various times due to the fact that usability was not fluent and simple. The required filtering for the functionalities made us change the code multiple times in order to reach best performance and feel of the program. Presentation of the data in the server was mayor conflict. The insertion and deletion was difficult due to the fact that the data type stored on database kept changing was difficult for code synchronization among the team. Specifically deleting and times, and representing it. Now using javafx in order to have a better GUI made the task of modifying the look and feel of the code to be complex. But at the end of the day we manage to complete all functionalities and requirements as expected.

- *Acceptance Testing*

  Demo day on Wednesday we had the GUI figured out, some functionalities also but the deletion was missing due to the uncertainty of the data types. There was

also confusion for some reason what the requirement for the search was and some team members were during more than needed. The search was functional except for a specific case scenario of distance = 0. The addition of time based on movies and cinemas was buggy for same reason.

Additional Test

I believe there is much work to be done in the user experience to make the functionality more natural and friendly. The basic concept of achieving the goal to allow users to find location, see movies on site, admin capabilities, and other is good. But the concept of understanding and designing the best method to complete task without complicating use of the application is one that needs to be though with much more depth.