Rupert Ebery

DVD Search applications methods and plan for it’s creation

Project Plan

DVD Search Application

Contents

[Budget and cost 1](#_Toc10034966)

[Timeline 2](#_Toc10034967)

[The Plan 3](#_Toc10034968)

[Risks 4](#_Toc10034969)

[Stakeholders 5](#_Toc10034970)

# Budget and cost

At $30 per hour this project will likely take 2 to 3 good days of work by a single junior programmer, 8 hour days put it at 16 hours all up. 16 \* 30 = $480.

# Timeline

Plan.pdf

# The Plan

The project will be managed using TRELLO ([LINK](https://trello.com/b/ydBlFSwP)) so that the team working on the project are always aware of what needs to be done at any given stage and can see how progress is going. The first most obvious step to the project is going to be the planning stage which we are clearly in now. The key things that need to be done is Designing and creating the web page and the database.

The webpage will be created using notepad++ and the database will exist on usbwebserver. The install will include the setting up of the database so that it is ready for use for a new user on a new device. The webpage must have a footer and a header. The pages will include the search page and the top 10 search page. The header will include links to the search page and the top 10 page.

In order to create a top 10 the database will need to be generated with an additional column that begins at 0 for each movie but is increased by 1 every time it is searched for and so the top 10 page will search for the movies with the highest value. This number will not normally be shown to the user.

# Risks

Like any other page set up online, it has the risk of having a user try and enter data into the text fields to hack the database with SQL injection. As such regex will be used to prevent this from happening.

# Testing

|  |  |  |  |
| --- | --- | --- | --- |
| Test Number | What is being tested | Expected Result | Actual result |
| 1 | Search for a title | Display movies with the term in the title | Works |
| 2 | Search for a Genre | Display the movies with the term in the genre | Works |
| 3 | Search for a rating | Display movies with the term in the rating | Works |
| 4 | Search for a year greater | Display the movies released in that year or after | Works |
| 5 | Search for a year less | Display the movies released in that year | Works |
| 6 | Search for a year Equal | Display the movies released in that year or earlier | Works |
| 7 | Search for all categories at once | Display the movies that fit the terms | Works |
| 8 | Top 10 page | Display the top 10 most searched for movies in an image | Works |
| 9 | Links between pages | Open the other page | Works |
| 10 | Entering blocked characters | Give a nice error message | Works |
| 11 | Search Monkeys | Display the 4 monkey results | Works |