Rapid Application Development

Project

AT2

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Date: 21/05/2020

Contents

[Table of Figures ii](#_Toc41992225)

[Table of Tables ii](#_Toc41992226)

[Analysis and Setup 1](#_Toc41992227)

[Meeting Agenda and Minutes 1](#_Toc41992228)

[Introduction 1](#_Toc41992229)

[Source Control 1](#_Toc41992230)

[Project Management 1](#_Toc41992231)

[Software Development Test Plan 2](#_Toc41992232)

[Introduction 2](#_Toc41992233)

[Test Methodology 2](#_Toc41992234)

[Test Deliverables 3](#_Toc41992235)

[Resource and Environment Needs 3](#_Toc41992236)

[Analysis Documentation 2](#_Toc41992237)

[CITE Business Rules for Software Development 2](#_Toc41992238)

[CITE Coding Standards 3](#_Toc41992239)

[CITE Quality Assurance 3](#_Toc41992240)

[ACME Entertainment Pty Ltd Requirements 4](#_Toc41992241)

[Sprint 1 2](#_Toc41992242)

[Sprint 1 project management plan 2](#_Toc41992243)

[Multi-Platform Report 3](#_Toc41992244)

[Adaptive 3](#_Toc41992245)

[Responsive 3](#_Toc41992246)

[Analysis 4](#_Toc41992247)

[Choice 4](#_Toc41992248)

[References 5](#_Toc41992249)

[Development and Testing 1](#_Toc41992250)

# Table of Figures

[Figure 1: GitHub repository snapshot 1](#_Toc41992251)

[Figure 2: sprint 1 Gantt chart 2](#_Toc41992252)

[Figure 3: sprint 1 project plan 2](#_Toc41992253)

[Figure 4: The difference between Adaptive and Responsive web design (Merlin, 2018). 3](#_Toc41992254)

[Figure 5: search screen arrangement 1](#_Toc41992255)

[Figure 6: 2 x 2 pattern search screen 2](#_Toc41992256)

[Figure 7: search screen arranged in a column 3](#_Toc41992257)

[Figure 8: top 10 chart small version 4](#_Toc41992258)

[Figure 9: top 10 chart medium version 4](#_Toc41992259)

[Figure 10: top 10 chart large version 5](#_Toc41992260)

# Table of Tables

[Table 1: ACME search requirements 4](#_Toc41992261)

[Table 2: top 10 chart sizes 3](#_Toc41992262)

# Analysis and Setup

## Meeting Agenda and Minutes

## Source Control

GitHub was selected to manage source and version control. A repository was created with the following address:

<https://github.com/AlanPedersen/RAD_project_movie_database>

A snapshot of the initial repository is presented below:

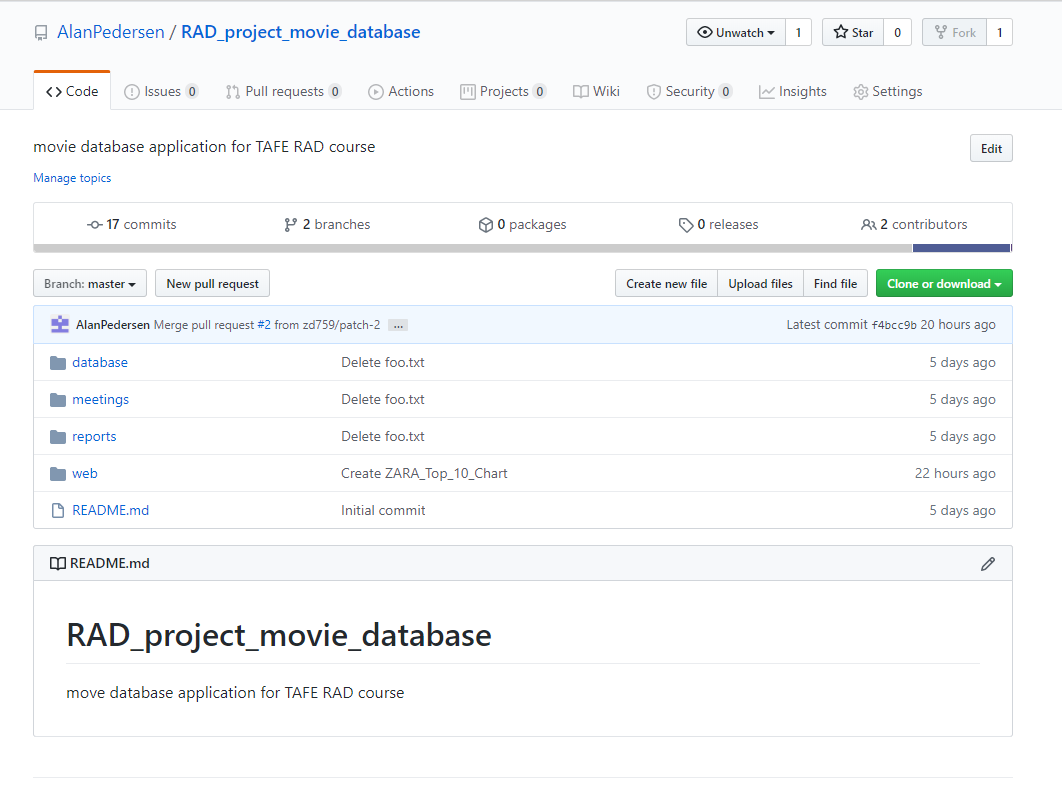


Figure : GitHub repository snapshot

## Project Management

Project Libre was adopted for project management.

# Sprint 1

## Sprint 1 project management plan

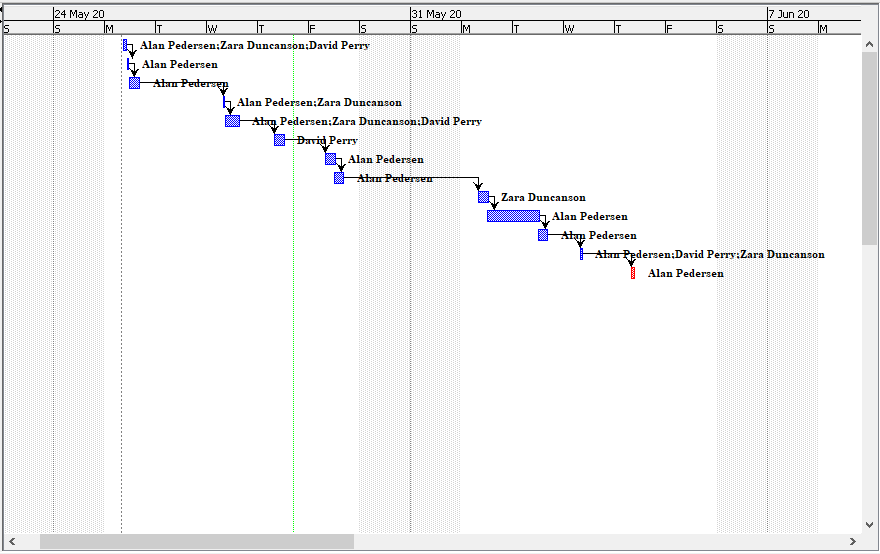


Figure : sprint 1 Gantt chart

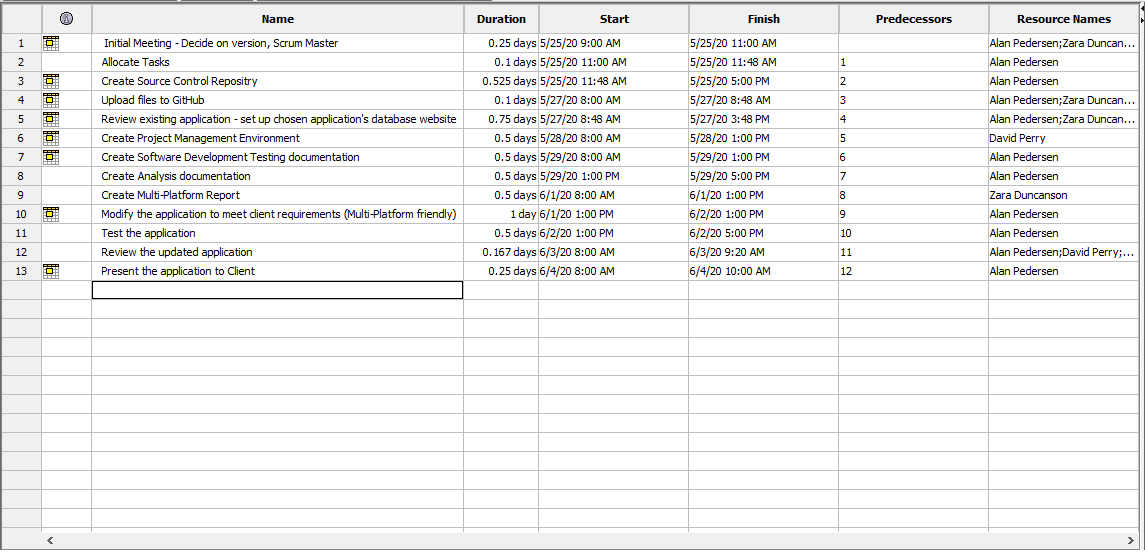


Figure : sprint 1 project plan

## Development and Testing

A different approach was adopted for the two web pages.

The elements of the search page can be divided up into a series of logical blocks. The title and year search inputs, the three selection lists and the report area. These blocks are able to be rearranged independently to make the best use of the available screen space. The figure below shows the different blocks:

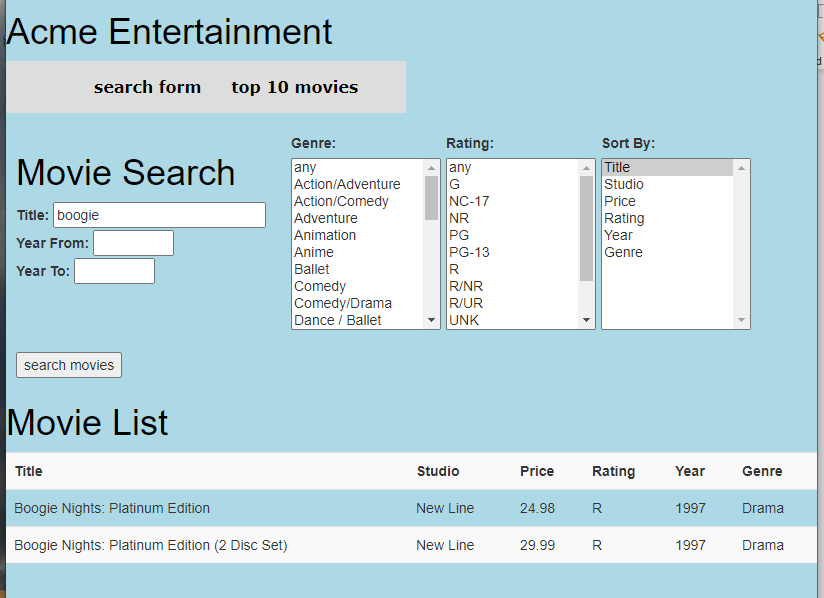


Figure : search screen arrangement

Three screen widths were targeted, less than 600 pixels, between 600 and 800 pixels and greater than 800 pixels.

For a screen width of greater than 800 pixels the search controls are arranged on a single line as shown in Figure 5 above.

For a screen width between 600 and 800 pixels the search controls are arranged into a 2 x 2 pattern, as shown in Figure 6 below:

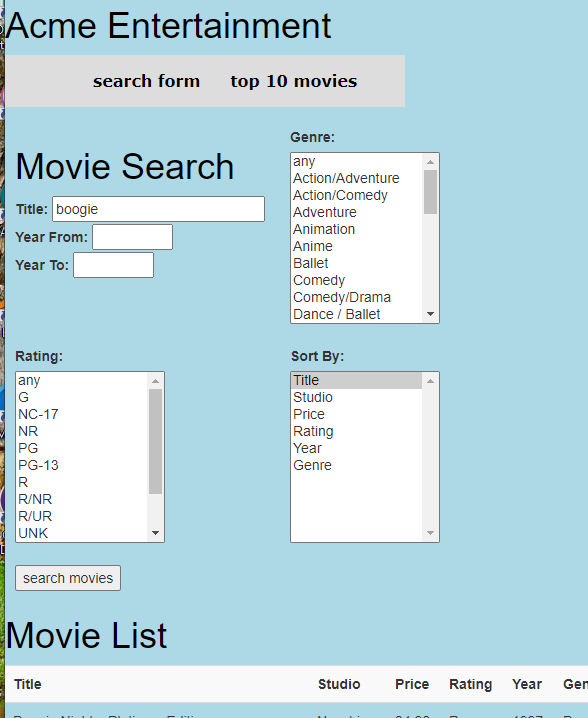


Figure : 2 x 2 pattern search screen

For a screen width of less than 600 pixels the search controls are arranged into a single column, as shown in Figure 7 below:

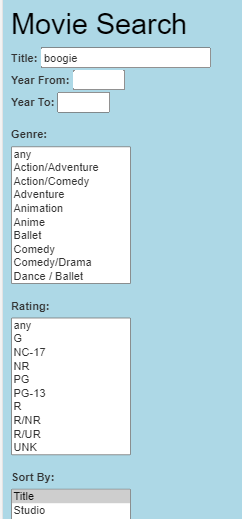


Figure : search screen arranged in a column

The top 10 search page displays a chart of the ten most searched for movies. The page creates three version of the chart each targeted at a range of screen widths. The versions are summarised in the following table:

|  |  |  |
| --- | --- | --- |
| Chart Size | Chart Dimensions | Screen Widths |
| Small | 325px x 220px | < 400px |
| Medium | 400px x 280px | >= 400px < 600px |
| Large | 600px x 420px | >= 600px |

Table : top 10 chart sizes

A screen dump of the small chart is shown below:

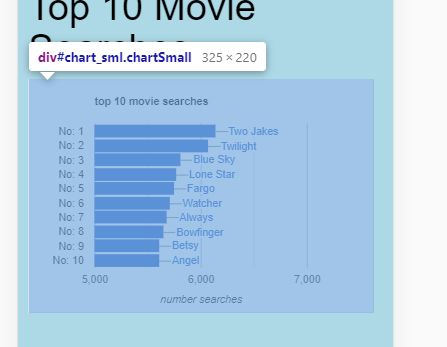


Figure : top 10 chart small version

A screen dump of the medium chart is shown below:

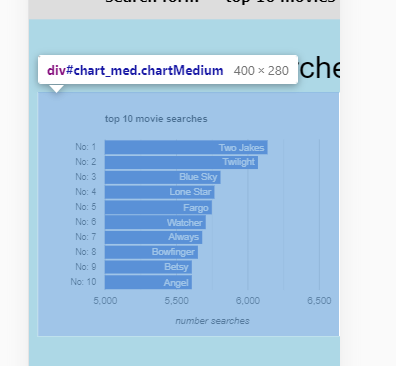


Figure : top 10 chart medium version

A screen dump of the large chart is shown below:

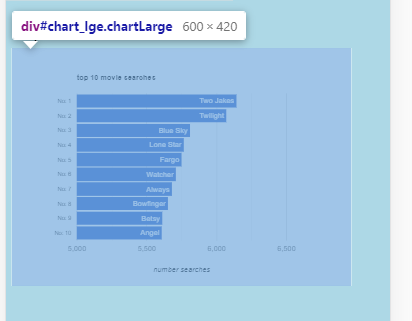


Figure : top 10 chart large version