



**Bachelor of IT (Computer Science)**  
**Assignment 2 - Client-Side React Application**  
**CAB230 - Web Computing**

*Dane Madsen*  
*n10983864@qut.edu.au*

**Contents**

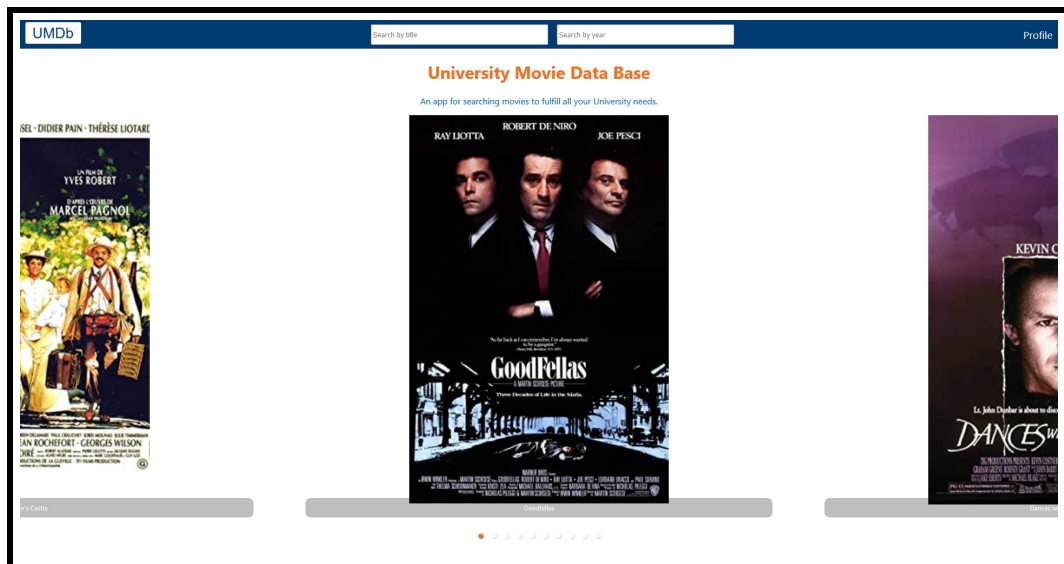
<b>1</b>	<b>Introduction</b>	<b>2</b>
1.1	Purpose and Description . . . . .	2
1.2	Completeness and Limitations . . . . .	3
<b>2</b>	<b>Use of End Points</b>	<b>3</b>

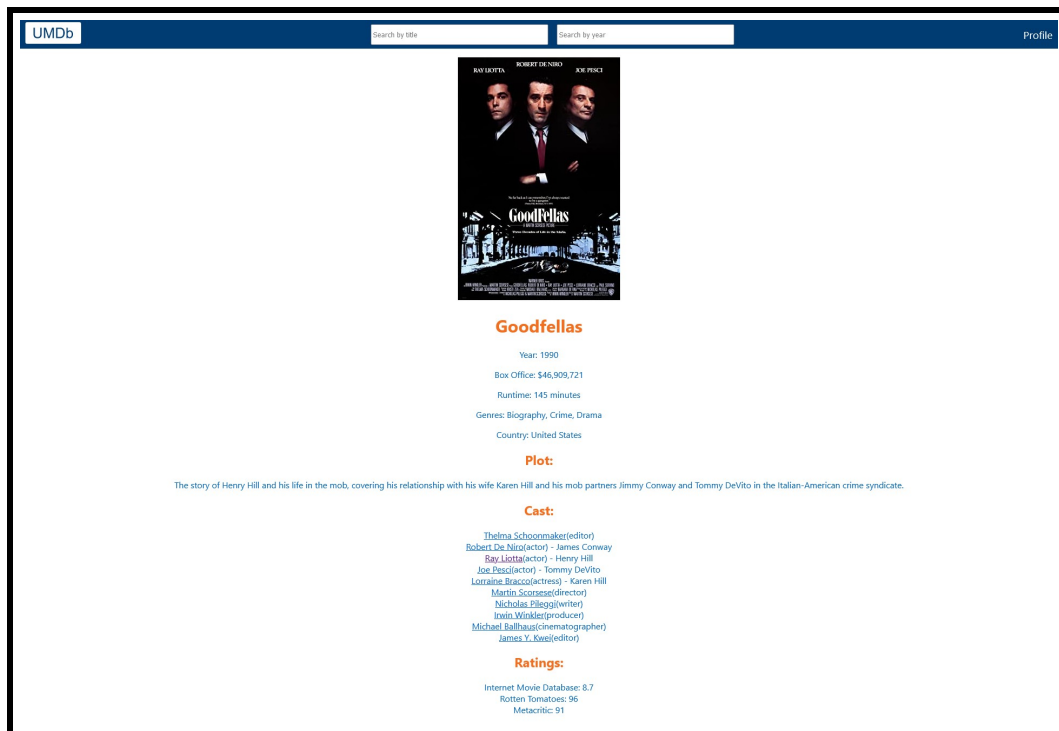
# 1 Introduction

## 1.1 Purpose and Description

The purpose of this react application is to collate and display information regarding movies, and cast members to the user in a responsive and accessible manner. The application should allow the user to search for movies by year or title and display the results in a list. When a movie is selected, the application should display all the details of the movie, including the year the movie was made, the plot of the movie and all the cast members involved with the movie. The application should also allow the user to visit individual pages of cast members where the user can view that cast members details, including their birth year, death year and all the movies they have been involved with.

It achieve this goal and to provide the user with the best experience I can, i have used a number of advanced react features, including the use of react router, ag-grid and react-responsive-carousel. The use of these features has allowed me to create a professional looking application that is both easy to use and responsive for the user.





## 1.2 Completeness and Limitations

This implementation covers all the requirements of the assignment specification. Navigation is handled using react router, controlled forms are used for all user input, and every 10 minutes the refresh token is used to get a new access token. In addition to this, the application uses ag-grid to display the search results and react-responsive-carousel to display the highest scoring movies of all time on the home (landing) page.

## 2 Use of End Points