# Acknowledgement

We wish to express our sincere gratitude to Dr. Hari Vasudevan Principal and Mrs. Neepa Shah H.O.D of IT Department of Dwarkadas. J. Sanghvi College of Engineering for providing us the opportunity to do our Project work on MovRec. This Project bears on imprint of many peoples. We sincerely thank our project guide Ms. Anusha Vegesna for her guidance and encouragement in carrying out this Project. We would like to thank Mrs. Mitchell D’silva for her constant help and support during the entire session of the project. We are also thankful to the college for providing us with the necessary resources and also a many thanks to the staff of college for their valuable co-operation. Many people, especially our classmate and team members itself, have made valuable suggestions to this proposal which gave us an inspiration to improve our project. We thank them all for their help to complete our report.

**ABSTRACT**

In today’s digital world where there is an endless variety of content to be consumed like books, videos, articles, movies, etc., finding the content of one’s liking has become an irksome task. On the other hand digital content providers want to engage as many users on their service as possible for the maximum time. This is where recommender system comes into picture where the content providers recommend users the content according to the users’ liking. In this paper we have proposed a movie recommender system MovRec. The objective of MovRec is to provide accurate movie recommendations to users. Usually the basic recommender systems consider one of the following factors for generating recommendations; the preference of user (i.e content based filtering) or the preference of similar users (i.e collaborative filtering). To build a stable and accurate recommender system a hybrid of content based filtering as well as collaborative filtering will be used.

# List of Figures

2.1.1 Sitemap for the website. 3

2.2.1 Software requirements for the project. 3

2.3.1 Timeline of the project. 4

3.1.3.1 Main page. 5

3.1.3.2 About page. 6

3.1.3.3 Contact page. 7

3.1.3.4 Web Structure page. 8

3.1.3.5 Search page. 9

3.1.3.6 Sign up page. 10

3.1.3.7 Log in page. 11

3.1.4.1 Database Design. 12

4.1 Main page of the website. 13

4.2 Web structure page. 14

4.3 Recommendation available to the user on Web structure page. 14

4.4 Login modal on the Main page. 15

4.5 –Login page. 15

4.6 – Sign up page. 16

4.7 – Search page. 16

4.8 Contact Us page. 17

4.9 About page. 17

# List of Tables

2.2.1 Software requirements for the project. 3

2.3.1 Timeline of the project. 4

5.1 Testing and Deployment table. 18

# Table of Contents

**1. Analysis**

1.1. Motivation/Need of the project/Objectives 1

1.2. Problem Definition 1

1.3. Scope 2

**2. Planning**

2.1. Sitemap/ Navigation 3

2.2. Computing environment 3

2.3. Project implementation schedule 4

**3. Design**

3.1. Construction and Design

3.1.1. Designing site structure 5

3.1.2. Navigation 5

3.1.3. Page layouts 5

3.1.4. Database Design 11

**4. Implementation** 13

**5. Testing and Deployment** 18

**6. Future Scope** 19

**7. References** 20

**8. Assignment No. 01**

**9. Assignment No. 02**