WORK FILE

Student Request for Guide

We the students of 3/4 Section-A VI Sem IT hereby request you to guide our Mini Project, "**Movie recommendation system using collaborative filtering**".

Roll.No	Name	Signature
2451-19-737-011	K SAI KIRAN	
2451-19-737-013	CH HARIKA	
2451-19-737-038	T SAI KIRAN	

Guide's Consent

I,Dr.A.V.Krishna Prasad, hereby give my consent to guide the Mini Project **"Movie recommendation system using collaborative filtering"** with a batch of students that made a request above.

Signature and Date:

Date:
Name: Dr.A.V.Krishna Prasad
Designation: Associate.Professor
Department of Information Technology

Movie Recommendation system using collaborative filtering

Statement of Problem :

Recommendation systems are often implemented as a service applicable to every user. This study will analyze the advantages of these recommender systems and discuss whether the resources spent give a satisfactory outcome for companies. There are several machine learning algorithms that can be used for this purpose. To delimit this report, it will focus on the K nearest neighbors algorithm. KNN is one of the more intuitive algorithms for the purpose of movie rating prediction, which made it interesting to analyze its' usefulness. A baseline method of using a movies' mean rating as an estimate for all users' rating predictions will be used for comparison.

Scope of work:

This work will focus on implementing a method to efficiently predict users' movie ratings. The method investigated will be the KNN algorithm . All data for this report will be taken from the public source MovieLens from Kaggle

Guide's Signature and Date

MASTER WORK PLAN SHEET

ACTIVITES

Brainstorming ideas

Gathering Information for project

Concluding the Abstract

Physical and Logical Design

REVIEW MEET-1

Implementation Presentation

REVIEW MEET-2

Testing and Debugging

PPT and Report Preparation

REVIEW MEET-3

Project Demonstration

Presentation and Evaluation

Start date: **Review meet-1:**   **Review meet-2:**   **Review meet-3:**   **End Date:**
20/04/2022   **04/05/2022**   **15/06/2022**   **22 /06/2022**

Guide's signature and date:

Individual Work Plan Sheet

Activities:

---> Team Formation,Project Selection,Guide Consent   (20-4-2022)

--->Planning and scheduling for the project.   (20-4-2022)

--->Gathering information and Identifying project requirements and sources
      (30-4-2022)

--->Project Division   (01-5-2022)

--->Design the   (02-5-2022)

--->Word count generation and classification of algorithm   (04-5-2022)

--->Implementation of code   (15-6-2022)

--->Debugging   (19-6-2022)

--->Testing   (20-6 -2022)

--->PPT presentation   (21-6-2022)

Guide's Signature and Date:

Daily Work-log

Date: 20-04-2022
Timing: 9:30am to 11:30am

S.NO	Activity	Activity Details	Remarks
1.	**Selection of the project**	Project selection,discussion with teammates	
2.	**Deciding the guide for the project**	Requesting a guide for our project	
3.	**Project Idea explanation to guide**	Explaining project to our Guide	
4.	**Guide consent letter**	Asking for guides consent through a letter for our Project	

Signature of the Candidate:

Signature of Lab Assistant:

Signature of Incharge:

Supervisor's/Guide's Remarks :

Guide's signature and Date

Daily Work-Log

Date: 22-04-2022
Timing: 2:15pm to 4:15pm

S.NO	Activity	Activity Details	Remarks
1.	**Gathering Information for the project.**	Referred to various research papers and gathered the required information for the project	
2.	**Finalising the statement problem for the project.**	Writing a brief description of the project through the problem statement.	
3.	**Analysing the scope of the project.**	Concluding Abstract for the project, Installation of software	

Signature of the Candidate :

Signature of Lab Assistant :

Signature of Incharge :

Supervisor's/Guide's Remarks :

Guide's signature and Date:

Daily Work-Log

Date: 28-04-2022

Timing: 02:15pm to 04:15pm

S.NO	Activity	Activity Details	Remarks
1.	**Designed a flow chart.**	Designed a flow chart of the project work that to be done.	
2.	**Division of project among teammates.**	Allotted the work to be done by the individual teammate.	

Signature of the Candidate

Signature of Lab Assistant

Signature of in charge :

Supervisor's/Guide's Remarks:

Guide's signature and Date:

REVIEW MEET - 1

Date:04-05-2022 Time: 2:15pm to 4:15pm	
Agenda	**Decisions**
1. Abstract Verification. **2. Queries regarding work log files.**	1.Changing the scope of the project with required details. 2.Clarified the work log files.

Guide: Dr.A.V.Krishna Prasad
Designation: Associate Professor   Signature:

Name	Roll No's	Signatures
1.K Sai Kiran	2451-19-737-011	
2.Ch Harika	2451-19-737-013	
3.T Sai Kiran	2451-19-737-049	

Daily Work-Log

Date: 09-05-2022

Timing: 2:15pm to 4:14pm

S.NO	Activity	Activity Details	Remarks
1.	**Downloading the datasets and extraction of data**	Extracting the training data either by downloading from a file or online.	
2.	**Gathering of information about recommendation systems**	Collection of different information from various sources.	
3.	**Classification of algorithms**	Selecting the required algorithms.	

Signature of the Candidate

Signature of Lab Assistant

Signature of in charge

Supervisor's/Guide's Remarks:

Guide's signature and Date

Daily work log-

Date: 11-05-2022

Timing:2:15pm to 4:15pm

S.NO	Activity	Activity Details	Remarks
1.	**Partial Code Implementation.**	Implemented the code for the movie recommendation system using collaborative filtering.	

Signature of the Candidate :

Signature of Lab Assistant:

Signature of in charge :

Supervisor's/Guide's Remarks:

Guide's Signature and Date:

Daily Work-Log

Date: 13-05-2022

Timing: 2:15pm to 4:15pm

S.NO	Activity	Activity Details	Remarks
1.	**Partial Code Implementation**	Implemented the code for the movie recommendation system using collaborative system.	
2.	**Completion of the code implementation**	Completed the code implementation.	

Signature of the Candidate :

Signature of Lab Assistant:

Signature of in charge :

Supervisor's/Guide's Remarks:

Guide's Signature Date:

- **REVIEW MEET-2**

Date: 15-06-2022 Time: 2:15pm to 4:15pm	
Agenda	**Decisions**
1.Deign issues	1 .Give suggestions of resolve the issues.
2.Verification	2. Advised debugging the code

Guide: Dr.A.V.Krishna Prasad
Designation: Associate Professor
Signature:

Name: Roll No's: Signature:

1.K Sai kiran   2451-19-737-011
2.Ch Harika   2451-19-737-013
3.T Sai Kiran   2451-19-737-049

Daily Work-Log

Date:17-06-2022

Timing: 2:15pm to 4:15pm

S.NO	Activity	Activity Details	Remarks
1.	**Testing**	Testing and Implementing the code	
2.	**Debugging**	Fixing the errors and Reimplementing the code	

Signature of the Candidate

Signature of Lab Assistant

Signature of in charge

Supervisor's/guide Remarks:

Guide's signature and Date:

Daily Work-Log

Date: 20-06-2022

Timing: 2:15pm to 4:15 pm

S.NO	Activity	Activity Details	Remarks
1.	**PowerPoint Presentation**	Prepared a PPT on the project	
2.	**Report**	Prepared a Report on the project	

Signature of the Candidate

Signature of Lab Assistant

Signature of in charge

Supervisor's/Guide Remarks:

Guide's Signature and Date:

DAILY WORK -LOG

Date:21-06-2022

Time: 2:15pm to 4:15pm

S.NO	Activity	Activity Details	Remarks
1.	**PowerPoint presentation with Demonstration**	Power Point was completed successfully	
2.	**PPT Evaluation**	PPT Evaluated by the Guide.	

Signature of the Candidate

Signature of Lab Assistant

Signature of in charge

Supervisor's/guide Remarks:

Guide's signature and Date:

REVIEW MEET-3

Date:22-06-2022 Time:2:15pm to 4:15pm	
Agenda	**Decisions**
1.Implementation of the project	1.Implementation of the project was successfully completed.
2.Power Point Presentation	2.Power point Presentation was completed with minor slight changes.
3.Execution of the project	3.Demonstration of the project was successfully completed.

Guide:Dr.A.V.Krishna Prasad   Designation:Associate Professor   Signature:

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1.K Sai Kiran	2451-19-737-011	
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3.T Sai Kiran	2451-19-737-049	