PROJECT SCOPE DOCUMENT

ORGANIZATION	**VITAP**
PROJECT NAME	**Movie Recommendation System project**

PROJECT LEAD CONTACT INFO		
NAME	Valiveti Manikanta Bhuvanesh	
PHONE	9014914993	
Reg No	19BCD7088	
EMAIL	manikanta.19BCD7088@vitap.ac.in	
DATE PREPARED	18th December 2021	
BEGIN DATE	END DATE	PROJECT DURATION
13th December 2021	**18th December 2021**	**6 Days**

PROJECT TEAM		
NAME	**Reg No**	**ROLES**
TARINI GUTTULA	19BCE7758	Documentation
POPURI HARSHA VARDHAN	19BCI7039	Data Scientist
GANGARAPU BALASUBRAMANYAM	19BCE7681	Data Analyst
ROKKAM ANIRUDH	19BCD7081	Data Analyst

PROJECT

INTRODUCTION

This machine learning project's main purpose is to create a recommendation engine that recommends movies to consumers. This R project is intended to help you understand how a recommendation system works. We created a Collaborative Item Based Filter. This give us hands-on experience putting my R, Data Science, and Machine Learning skills to use in a real-world project.

BACKGROUND

If you're a fan of Amazon, Amazon Prime, or Netflix, you're presumably aware that these services use "recommendation engines." As the name implies, the main aim of a recommendation engine is to "propose" relevant things to customers — while Amazon recommends merchandise, Prime and Netflix recommend material to users based on their previous purchase or watch history.

RESOURCE REQUIREMENTS

IMDB-Dataset(movies and rating) and Rstudio

PROJECT SUMMARY	
PHASE ONE	HOURS
Prepare Dataset	3 hour
Data pre-processing,Data cleaning	10 hours
MoM(1,2),	2 hours
PHASE TWO	HOURS
Data Modeling,Prediction	7 hours
Final report	48 hours
Final PPT	36 hours
MOM(3)	2 hours

MILESTONES	
EST DELIVERY DATE	PROJECT MILESTONE TITLE
12th december	**Movie Recommendation System**

TIMELINE
13th december - 18th december (6 days)