

# PROJECT TITLE

*(This page will have the project title and the project group members)*

## *Group Members:*

NAME, COLLEGE NAME, UNIVERSITY REGISTRATION NUMBER  
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NAME, COLLEGE NAME, UNIVERSITY REGISTRATION NUMBER

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# Acknowledgement

I take this opportunity to express my profound gratitude and deep regards to my faculty (**Dr. Arnab Chakraborty / Mentor / Faculty Name**) for his exemplary guidance, monitoring, and constant encouragement throughout the course of this project. The blessing, help and guidance given by him/her time to time shall carry me a long way in the journey of life on which I am about to embark.

I am obliged to my project team members for the valuable information provided by them in their respective fields. I am grateful for their cooperation during the period of my assignment.

*(All Group Member Names)*

# Project Objective

- Describe the problem
- What is objective
- How are you planning to solve

# Project Scope

*(This page shall elaborate the boundary conditions of the project)*

## **Project Scope – An Example**

*[The broad scope of the Learning Management System (LMS) project includes:*

- *The system will be available on an online platform for 24x7 access to the students, the faculty and the administration*
- *The system will support online assessments via Pop Quizzes, Multi-Option Objective tests, etc.*
- *The system will provide social interaction tools such as Chats, Forums, Link Share, Broadcast etc., to enable out of class interaction amongst students, the faculty and the administration]*

# Data Description

- ✓ Source of data
  - Each feature/column description
    - Name, type(continuous/categorical), how much percentage is null, how many outliers
    - 5 number statistics

# Model Building

- ✓ Short description of each model used
- ✓ Model description (each model tried)
  - (Separately for training and test)
  - For classification
    - Accuracy, recall, precision, f1-score, AUC
    - ROC curve
  - For regression
    - RMSE and R-Sq
  - Finally accepted model

# Code

- ✓ How are you going to improve the model?
- ✓ Paste here your full complete code of your project with all outputs.



## Future Scope of Improvements

*(This section will list the future aspects of the application which can be incorporated to improve the functionality and user experience)*

# Certificate

*This is to certify that Mr/Ms [fill in your name] of [fill in the name of the institution where you are studying], registration number: [fill in your university registration number], has successfully completed a project on [fill your project title] using [mention the technology on which your project was developed i.e., JEE/.Net/Java/Oracle Forms/ PHP/ Android/ Networking] under the guidance of Mr/Ms/Mrs [Dr. Arnab Chakraborty or mention your faculty's name].*

-----  
[*Name of your faculty*]

**Asansol Engineering College**

Each member of the group will have  
distinct page.



Department of Computer Applications  
Asansol Engineering College  
Kalpanpur, Sen Raleigh Road, Asansol - 713304

... CERTIFICATE ...

This is to certify that **Mr. SUDIP GORAI** department of Computer Application of Asansol Engineering College registration number: 201080571010055 has successfully completed a project on **“CONTENT BASED MOVIE RECOMMENDATION SYSTEM”** using machine learning with python under the guidance of Dr. Arnab Chakraborty.

*Signature of  
The Project Guide*

*Name: Dr./Mr.....*

*Designation: Assistant Professor*

*Recommendation & Signature of  
The Principal*

*Name: Dr. P.P. Bhattacharya*



*Recommendation & Signature of  
The Head of Department*

*Name: Dr. D. K. PAL*

*Recommendation & Signature of  
Internal / External Examiners*