



Basic Details of the Team and Problem Statement

Ministry/Organization Name/Student Innovation:
Government of Gujarat

PS Code:1362

Problem Statement Title: Student dropout analysis for school education

Team Name: Originals

Team Leader Name: Vansh Patel

Institute Code (AISHE): U-1077

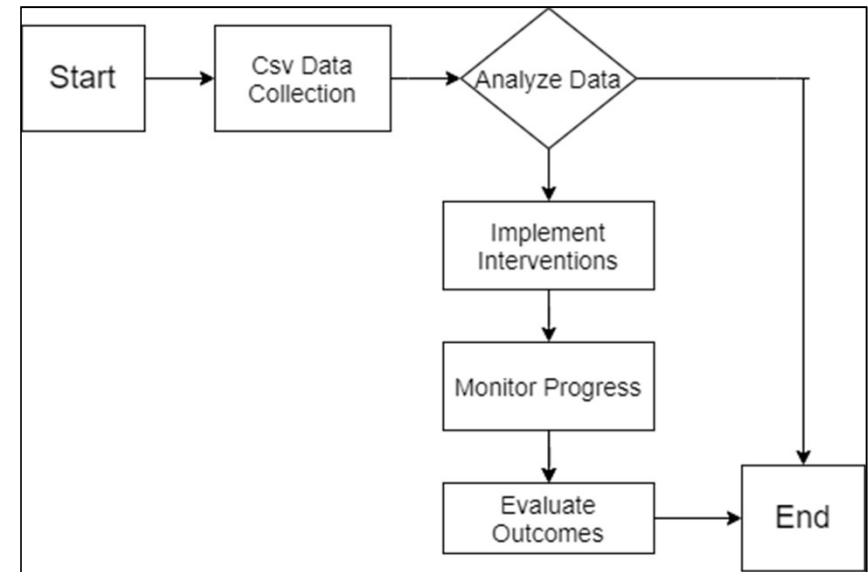
Institute Name: ITM (SLS) BARODA UNIVERSITY,VADODRA

Theme Name:

Idea/Approach Details

Describe your idea/Solution/Prototype here:

- The Student Dropout Analysis system is a web based application.
- The main purpose of “Student Dropout Analysis system” is to provide a convenient way of presenting detailed analysis of the ratio in socio-economic fields.
- Data-driven policy modifications to combat dropout rates.
- Ongoing monitoring to evaluate the effectiveness of interventions and adapt policies as needed.
- Schools, regions, or groups with high dropout rates receive tailored support.



Describe your Technology stack here:

- > FLASK-Python
- > MySQL
- > HTML
- > CSS
- > JAVASCRIPT
- > Mathplotlib-Python

Idea/Approach Details

Describe your Use Cases here

- Establish a mechanism for plotting piechart based analysis. Showcasing different schemes of central govt. to students for their benefits.
- Oranizing consulting Facilities for students who are willing to take a drop. In order to get consulting form needs to be filled by parents,relatives and a friend.
- Analyze state-wise dropout rates to allocate resources effectively. Prioritize states with high dropout rates for additional funding, teacher training, and infrastructure improvement.

Describe your Dependencies / Show stopper here

- Data Entry
- Modules:
 - Flask
 - Csv
 - Mathplotlib
 - Pandas
 - IO
 - Base64

Team Member Details

Team Leader Name: Vansh Patel

Branch (Btech/Mtech/PhD etc): B.TECH

Stream (ECE, CSE etc): CSE

Year (I,II,III,IV): II,3rd Sem

Team Member 1 Name: Mohit Dixit

Branch (Btech/Mtech/PhD etc): B.TECH

Stream (ECE, CSE etc): CSE

Year (I,II,III,IV): II,3rd Sem

Team Member 2 Name: Vishal Bodana

Branch (Btech/Mtech/PhD etc): B.TECH

Stream (ECE, CSE etc): CSE

Year (I,II,III,IV): II,3rd Sem

Team Member 3 Name: Parth Patel

Branch (Btech/Mtech/PhD etc): B.TECH

Stream (ECE, CSE etc): CSE

Year (I,II,III,IV): II,3rd Sem

Team Member 4 Name: Parth Rana

Branch (Btech/Mtech/PhD etc): B.TECH

Stream (ECE, CSE etc): CSE

Year (I,II,III,IV): II,3rd Sem

Team Member 5 Name: Harshili Patni

Branch (Btech/Mtech/PhD etc): B.TECH

Stream (ECE, CSE etc): CSE

Year (I,II,III,IV): I,1st Sem