Student Segmentation using Clustering Algorithm

A Synopsis Submitted
in Partial Fulfillment of the Requirements
for the Course of
Minor Project - I
In
Third year – Fifth Semester of
Bachelor of Technology
specialization
In

Artificial Intelligence and Machine Learning

Under

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By

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UPES

UNIVERSITY WITH A PURPOSE

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Project Diary

Introduction

As the colleges have been planning to open again after one harsh year we are planning to create a project that helps colleges to get an idea about how many students are fully vaccinated and will be joining the college after this pandemic. We will be creating some random data on which we will be implementing clustering algorithms that will help us get predictions about the current mental state of the students in terms of academic knowledge and how much they were able to learn and understand during this pandemic on the basis of which colleges will be able to predict which student needs how much help and how many extra classes will be required for that student and will be able to group them on the basis of that , thus help them get back on track .

Schedule of Meetings

Date : 6/9/21
Time of meet : 4:00pm

It was an introductory meeting , in which sir told us about his work , his area of interest and what he expects from us and accepted to be our mentor for the minor project .

Date : 9/9/21
Time of meet : 10:05am

We discussed various ideas for the project, their scopes and shortcomings .Then sir gave us some options for the project and showed us different research papers regarding them . He then gave us a day to decide and research them . He told us that we should mainly focus on real-life noble based projects.

Date:10/9/21
Time of meet : 3:00pm

We finally came to a decision and selected our topic for the minor project . We discussed with sir regarding the topic and he told us what we should include and what should be the main objective of our project and he told us to create a raw synopsis of the same.

Date : 13/9/21
Time of meet : 2:00pm

We made some minor changes in our project and also presented the raw format of our synopsis to our mentor. Sir suggested some changes in our synopsis and also told us what all we should include in it .

Date : 15/9/21
Time of meet : 10:15am

We showed sir our final synopsis and ppt , he told us a few more changes required and approved the project .