Enhanced Analytic System for Smart University Assistance

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Abstract: A short description of the aim and objective of the project work carried out in 3-4 lines. This part should be common to all students in the group. The font size and style will remain same from this point onwards. The font size will be 12 and font style will be Times New Roman. The line spacing will be 1.5.
This report should be prepared in A4 page format with 'default' option under 'Margin' of the 'Page Layout' tab in Microsoft Word. Word limit for this section is 80.

Individual contribution and findings: As the main motive of this project was to be an aid to students, it was necessary to find out what are the problems that the students really faced. Thus I undertook this task. Through online survey via google form and through personally interacting with students, especially freshmen, it was found that the one of the major problem that they faced was the dilemma of selecting the most suitable engineering stream for them. Also many students complained that some of the processes like hostel allocation took a long time and often led to unwanted scenarios. They said it would be of great help if rather than the conventional method, it would be digitalized. Many students also stated that they are unable to keep track of all the events and seminars around the campus and therefore sometimes would miss those that they were interested in. Apart from freshmen and juniors, I contacted some final year students to know about their problems, if any. I noticed that because of the varied domains such as ML, IOT, Web Development present in the IT sector, they were confused which to pursue as a professional career. With these observations in mind, when all the functionalities of our project were finally ready, I took the task of integrating them into a single module and was actively involved in the testing procedure of our final deliverable.

Individual contribution to project report preparation:

In the project report, I was part of
1. Documentation of the Machine Learning part of the tools and technologies used
2. Forming the basic structure of the overview.
3. Framing the problem statement with the help of another team member.
4. Chalking out the future scope of our project.
5. Listing what more functionalities can be added to it to make it more robust and more efficient.

Individual contribution for project presentation and demonstration: I've
contributed towards the overview part of System Integration, and Database Connectivity portion.

Prof. Rajdeep Chatterjee

Full Signature of Supervisor

Ritwik Das

Full signature of the student