

SYSTEM ANALYSIS

- 1. Feasibility Analysis :** A feasibility study evaluates the project's potential for success; therefore, perceived objectivity is an important factor in the credibility of the study for potential investors and lending institutions. . It must therefore, be conducted with an objective, unbiased approach to provide information upon which decisions can be based. Here, we discuss 3 major feasibility studies required for our project.
- 2. Technical Feasibility :** The technical feasibility of this system is dependent on several factors. First, the system would require a reliable facial recognition algorithm that is capable of accurately identifying students in various lighting and environmental conditions. Additionally, the system would need to be integrated with the college's existing IT infrastructure, including the student information system and database. The development team would need to have the necessary technical expertise to build and maintain the system.
- 3. Operational Feasibility :** The operational feasibility of this system would depend on the willingness of staff and students to adopt the system. The system would need to be user-friendly and easy to use, with clear instructions for students and staff. It would also be important to train staff and students on the use of the system and provide ongoing support to ensure successful adoption.