

ATTENDANCE FEASIBILITY

I. Technical feasibility :-

- The attendance system with many alternatives are well known and well tested in many universities all around the world which decrease the risk of using it and developing it
- It is well understandable by all the stockholders (professors ,workers ,IT developers ,system analyst ,students)
- Stockholders are familiar with the technology that has been used in similar projects
- The size of the project has medium risk as the project will need 2 it developers to develop the system and It will take 8-12 months of developing and 3 months testing to make sure the requirements are fulfilled and to make sure that the system work smoothly and compatible with other systems
- The compatibility of the project will be high as we are developing small part of the system that will not affect the rhythm of the work but it will make it more efficient and more smoothly
- The system will be integrated with all system around it as we provide the data needed by the system and the infrastructure of the college to make sure it works with full efficiency

II. Economic feasibility :-

❖ Development costs :-

- The salary of 2 developers for 1 year
- Salary of tester for 3 months
- Training costs of the worker on the system
- Installation costs of the network and the system
- Data of the workers , students and professors to be converted
- Hardware cost(server + 12 nfc device + network to cover bis)
- Operational costs :-

❖ Server software licence fees

- Hardware maintenance
- Salary of 1 it guy who take care of the system

❖ Tangible benefits :-

- Reduce of staff as we will need only one to work on the system
- The decrease of costs in making every day attendance statements for students , workers and professors

❖ Intangible benefits :-

- Decrease in the complaints of wrong absence as it will not exceed 5 percent in the year
- Quick response time of every needed information
- The every month reports with absence ration of everyone in the system

III. Organizational feasibility :-

- The system is well accepted by all the users as it facilitate the work
- It will integrate with other operations of the college
- The system work in the same strategy of the work as it helps in downsizing the costs wich decrease the risk of the new system
- The it department must work in alignment with student affairs department

IV. Stakeholders analysis :-

- The champion : -
- the IT senior who will lead the developing team
- the student affair of bis who will work in the data of all people who work in bis
- organizational management :-
- the coordinator of the bis who will provide resources and approve on the system and encourage the rest of the bis to embrace the system and use it
- the financial chief of bis who will provide the capital
- the Users :-
- Students , professors , student family , student affair clerks and seniors of Bis