

Feasibility Study

❖ Technical Feasibility:-

- 1) Team's familiarity with the business area:

The business area is the course registration in New York University Abu Dhabi. The team members are sophomore students at NYUAD and have good experience in building their course schedules and are aware of the course registration process.

- 2) Familiarity with technology:

The technical tools we are going to use:

- Programming languages such as Dart, JavaScript, and Python.
- Database Management System such as Google Firebase
- Web frameworks such as HTML/CSS.

All of the team members are familiar with Python and have experience working with web development tools. Dart, Google Firebase and Javascript were used by at least two of the team members before the start of the project.

- 3) Project Size:

It is about 2 people for 6.83 months

- 4) Conclusion:

The risk in this stage is moderate. While the team has modest expertise with the technology, the team members have good knowledge of the business area.

❖ Economic Feasibility:-

Costs	Period 1	Period 2	Period 3	Total
Salaries	0	0	0	0
H/W & S/W	0	0	0	0
Training	0	0	0	0
Support & maintenance	0	0	0	0
Total Costs	0	0	0	0
Benefits				
Increase # of students	0	0	0	0
Decrease costs	0	0	0	0
Total benefits	0	0	0	0
NCF	0	0	0	0
CNCF	0	0	0	0

Numbers are in thousands of DHS NCF: Net Cash Flow

CNCF: Cumulative Net Cash Flow

One period corresponds to one month

H/w and S/w correspond to Hardware and Software respectively

The return on investment (ROI):

$$\text{ROI} = \frac{\text{Total benefits} - \text{Total cost}}{\text{Total costs}} =$$

0

The break -even point (BEP):

$$\text{BEP} = \frac{\text{period net cash flow} - \text{cumulative net cash flow}}{\text{period net cash flow}} = 0$$

The Project will take around 3 months.

- Conclusion:

Our project does not have any economic costs or benefits as all team members work on the project without a financial reward, and we are not going to make a profit from the project. Hence, the ROI is average for this system, and we do not have any economic risks.