

IT Project Scope Form

Project Title:

Entry/Exit Management System
at IIITB-gate.

Project Number:

GateManagement@IIITB_060

Project Leader/Manager:

Durga Ysasvi Y (IMT2016060)

Anticipated Project Start Date:

2nd September 2018

Sponsor:

Administration @ IIITB

Date Prepared:

22nd August 2018

Project Risk Level:

Medium

Estimated Completion Date:

2nd December 2018

Team Members:

Core:

- Durga Ysasvi Y
- Puneeth Sarma K
- Srujan Swaroop G

Externals:

- Sri Sumanth Y
- Siddharth Reddy D

Maintenance and Support:

Data Centre @ IIITB

Purpose of the Project:

The key goal of the project is to design a proper Entry/Exit Management System for IIITB.

Aims:

- To maintain a record of entry and exit times within the college premises.
- Keeps track the in and out movement details of students, faculty, non-teaching staff and other working-class people.
- Also records the movement of visitors and purpose of their visit.
- Maintains the record of students violating the curfew timings.

Benefits:

- Easy to read and organize the data.
- Helps the college to access the records easily than maintaining it in a multiple written record-books.
- Sorting and filtering the data w.r.t different queries can be achieved without any complexities.
- Searching for a particular record becomes easy.
- Simple Maintenance.

Background:

Present Situation:

- Each and every record is maintained in hand written record books.
- This process involves complexity while querying the data.
- Written records can be easily manipulated.
- Involves multiple records.
- Lack of accuracy when information is provided.

Justification:

- Because the entry-exit system has got lot of benefits as mentioned and can improve the current ongoing system procedure.

Unique Features:

- Querying data is possible whenever required.
- Easy data verification.
- Stored in a single database rather writing it on books.

(Premise: It is assumed that each and every individual of the college has got unique ID bar code for identification.)

Deliverables:

Output:

- Produces an entry-exit management system software, which can be installed on laptops.
- Improves the complexity of present ongoing system.

Assurances:

- Software can be used and easily understood by everyone.
- Given a task, the software produces desired and effective results.
- A support manual will be given to explore different features.

Software Requirements:

- Laptops with proper software installed and scanners for scanning the ID cards.

Stakeholders:

- IIITB Student Community
- IIITB Faculty Community
- Data Centre and other tech support.
- Administration of IIITB
- IIITB Security body.
- Other Working-Body.

Resource Requirements:

Basic Requirements:

- Laptops at each and every gate.
- Barcode Scanners
- Proper furniture to work.
- An employed guard at each gate.

Other Requirements:

- Proper Internet connection
- Established database to store the data.
- Employees to maintain the database.
- Extra equipment, if required.

Cost Analysis:

Considering the above-mentioned requirements and maintenance for it,
estimated cost for laptops and scanners - Rs. 1,50,000.

estimated cost for furniture - Rs. 50,000.

estimated cost for database and internet connection - Rs. 50,000.

estimated cost for employment - Rs. 4,00,000(annual-income).