

IT Project Scope Form

Project Title: IIIT-B Entry/Exit Monitoring System

Project Number: IIITB0001

Project Leader/Manager: Mudita Baid

Anticipated Project Start Date: September 10, 2018

Sponsor: Administration of IIIT Bangalore

Date Prepared: August 22, 2018

Project Risk Level: Low

Estimated Completion Date: December 10, 2018

Team Members:

- CORE TEAM:
 - ❖ *Mudita Baid (Project Manager)*
 - ❖ *Shreya Singh*
 - ❖ *Nimisha Garg*
 - ❖ *Akshi*
- SUPPORTING TEAM:
 - ❖ *Deployment Team : Data centre team*

Purpose of Project:

- To build a software to monitor the movement of people entering/exiting the campus.
- To maintain a record of vehicles entering/exiting the campus.
- To maintain a log of entry/exit timings of all people(students, faculty, staff, guests) in the campus.
- To easily keep track of students violating the curfew timings.
- To get the attendance of Staff members.
- To easily access the record of each student and thereby allowing them to view the fine to be deducted from their caution money.

Background:

- The current system involves entering information manually in different registers maintained at each gate which is quite tedious and time consuming.
- It is difficult to detect the error/inaccurate data.
- It does not give information if a visitor has overstayed in the campus.

Motive behind this project:

- To eliminate the existing inefficient and error-prone process and provide a digital version of this process.

Consequences:

- It produces an extremely easy procedure for entry/exit that will be accurate and easily retrievable.
- It will directly send the mails to the curfew violators.
- Know the number of people in campus at any time.

Deliverables:

- Create data in tabular format of every entry/exit timings of all the people in the college.
- Easily answers to the queries like past movements of a particular person, average working hours of a particular staff member, etc.
- Provide the list of students who violated curfew timings.
- Syncs the software throughout all the gates so that anyone can enter/exit from any gate.
- Provide number of visitors to the campus each day.
- Provide temporary gate pass for all the visitors.
- Easily provide backup of past records.

Stakeholders:

- Students
- Professors
- Helping staff
- Guests/Visitors
- Security guards
- Administration

Resource Requirements:

A) Cost Analysis:

1) Desktops:

Quantity= 3 (1 at each gate)

Estd. cost = ₹25000 * 3 = ₹75000

2) Barcode scanners:

Quantity= 3 (1 at each gate)

Estd. cost = ₹2000 * 3 = ₹6000

3) Printers: (to print temporary ID for guests)

Quantity= 3 (1 at each gate)

Estd. cost = ₹2500 * 3 = ₹7500

B) Estimated Life-cycle costs:

1. Implementation and internet connection:

Estd. cost = ₹3000

2. Maintenance:

Estd. cost = Around ₹7500 yearly