

IT Project Scope Form

Project Title: Entry-Exit Tracking System for IIITB

Project Number: 00001

Project Leader/Manager: Nimisha Garg

Anticipated Project Start Date: 01-09-18

Sponsor: IIITB Admin

Date Prepared: 22-08-18

Project Risk Level: Low

Estimated Completion Date: 15-10-18

Team Members:

- Shreya Singh (IMT2016045)
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- Neha Krishna (IMT2016088)

Purpose of Project:

- To build a software to track the movement of people inside/outside of campus.
- To maintain a log of time of all people (students, faculty, staff, guests) entering/exiting the college.
- To easily keep track of students violating the curfew timings.

Background:

- Currently, Students fill in their entry/exit times manually in different registers maintained at each gate. This process is highly inefficient and error prone.
- By having a Bar Code Scanner along with digital logs, data will be accurate and easily retrievable.

Deliverables:

- A software, to be used along with the bar code reader, that will allow to store entry and exit times into a database.
- Additional Software which supports queries on the database like past movements of a particular person, list of students who violated curfew timings, average working hours of a particular staff member.

Stakeholders:

- Students
- Faculty
- Staff
- Guests/ Other people visiting IIITB
- Security guards
- Administration

Resource Requirements:

- **Bar Code Scanners:** 3 bar code scanners to be used at 3 gates.
Estimated cost = Rs 2000 per bar code (Rs 6000-/-)
- **Desktops:** 3 Desktops to be used at 3 gates.
Estimated Cost = Rs 25000 per desktop (Rs 75000-/-)
- **Server and Maintenance Costs:** For storing the logs in database.

Estimated Cost = Rs 1000-/ monthly

- **Temporary Tokens for Guests/Vehicles:** Since these people won't be having any ID cards we need separate tokens with bar code for them.

