Project Scope Form

Project Title:	Project Number:
Exit/Entry Management System	0001
Project Leader/Manager: Ananth Shreekumar	**Anticipated Project Start Date:** 25th September, 2018
Sponsor: Admin	**Date Prepared:** 21st August, 2018
Project Risk Level: Medium	**Estimated Completion Date:** 31st December, 2018

Team Members:
Core Members: Ananth Shreekumar, Ajay Ramesh, Jayanth Shreekumar.
Support: Data Centre Team at IIITB.

Purpose of Project:
Goal: This project aims to make an Exit/Entry Management System for IIITB that uses the Bar Code on the ID cards that have already been issued. The bar codes on the ID cards of students and faculty will be used to keep track of their exit/entry data. For guests, there will be an additional option to manually enter details.
Benefits: This project introduces an extremely easy procedure for exit/entry that is error-free. Also, all the data is stored in a database instead of maintaining multiple records. This also enables easy querying of data whenever required. Weekly/Monthly/Yearly reports can be generated and offenders of curfew and unauthorized personnel can easily be identified.

Background: The existing system of exit/entry involves the manual entry of each detail for every exit/entry of anyone in multiple records at every gate of the campus. This is a very error-prone and tedious process. For this reason, students have come up with a digital version of this process that eliminates the above negatives in the system and provides a way to store the records in a database.

Deliverables: This project will produce an exit/entry management software system that can be used on the laptops issued to the security guards at all the gates. Data from every gate will then be stored into a centralized database.
This project will be completed by the end of the year 2018. The output will be a fully working system that performs the intended task. The management system for queries will also be included.

Stakeholders:

- Students of IIITB: This project aims at easing the exit/entry system which is most used by the students.
- Faculty of IIITB
- Guests and staff: The project also provide for an easier procedure to enter details of incoming and outgoing guests.
- Security and administration: This project provide a hassle free and error free way for the security to monitor the exit/entry at all the gates. Querying is easier since the data is stored in a centralized database.

Resource Requirements:

Monetary:

- A laptop will have to be provided for each gate so that the software can be used by the security guards. Estimated Cost of each laptop: Rs 30,000. There are 3 gates.
- A server with a database will have to be maintained. Estimated Cost: Rs 500 per month as a server already exists.

Total Cost: Rs 1,20,000 and an additional Rs 500 per month for maintenance.

Timeline: The project is expected to start on 25th September 2018. The estimated date of completion is 31st December 2018 including deployment so that the system will be in place for the year of 2019.

Operations and Support: The Data Centre at the Institute can coordinate with the security staff for querying the database and other general support.

Safety, Security, & Risks: This project does not violate any safety measures.
It improves the security of the Institute as the detection of unauthorized personnel will be extremely easy.
The project has no known risks.