PROJECT SCOPE DOCUMENT	
Project Title: Entry-Exit Tracking System for IIITB	**Project Number:** 00012
Project Leader/Manager: Mohana Datta Yelugoti	**Anticipated Project Start Date:** 31-08-2018
Sponsor: IIITB Admin	**Date Prepared:** 23-08-18
Project Risk Level: Low	**Estimated Completion Time:** 31-10-18

Team Members:
- Srujan Swaroop Gajula
- Puneeth Sharma K.A.V
- Siddharth Reddy Desu

Purpose of Project:
- To deliver a software product to track the moments of people inside/outside of campus.
- To maintain logs, which store people's (students, faculty, staff, guests) timings entering/exiting the college.
- To easily keep track of outsiders who enter the college.

BackGround:
- As of now, the process of entering/exiting the campus premises requires filling out a hand written record. It's quite cumbersome and accuracy of these details is also difficult to be determined.
- Also, since there are three gates in the college, if a student leaves from one gate and enters from another gate, it's difficult to keep track of entry and exit, because of inability to access records from other gates simultaneously.
- Motive is to provide robust entry-exit system which will not only make the process easier, but also satisfy the various security concerns of administration and parents.

Deliverables:
- A software, which will use the bar-code reader to identify people and to store their respective entry and exit times in a database.
- Daily records of people who violate curfew timings, segregating those people into boys and girls, and sending file to respective wardens.
- Additional Software, which supports following queries on the database:
  1. Find all entry/exit timings of particular student, faculty member, staff member (or) outsiders.
  2. Find list of students whose number of entries and exits doesn't match.
  3. Find all students who have made entry/exit during curfew-hours.

Stakeholders:
- Students

- Faculty
- Staff
- Administration
- Wardens
- Security Personnel
- Guests

Resource Requirements:
- Desktops: 3 Desktops to be used at 3 gates, and also 1 spare.
  - Estimated Cost: 80,000 INR (20,000 X 4).
- Bar-code Scanners: 3 Bar-code scanners at 3 gates, and also 1 spare.
  - Estimated Cost: 8000 INR (2000 X 4)
- ID cards with a bar-code every student and staff. (Already Satisfied)
- Maintenance Costs:
  - A Server is required to maintain the database. Estimated cost is around 1000 INR per month.
  - Hardware Maintenance costs. Estimated cost is around 1000 INR yearly.
- Special Tokens for Guests:
  - Since these people will not be issued ID cards, we need to provide them with special tokens which has bar-code for them.