

## IT Project Scope Form

<b><u>Project Title:</u></b> Entry-Exit system at IIITB	<b><u>Project Number:</u></b> SE -1
<b><u>Project Leader/Manager:</u></b> Vaibhav Kumar	<b><u>Anticipated Project Start Date:</u></b> 4 Sept 2018
<b><u>Sponsor:</u></b> IIITB admin	<b><u>Date Prepared:</u></b> August 27, 2018
<b><u>Project Risk Level:</u></b> Low	<b><u>Estimated Completion Date:</u></b> 20 Nov 2018
<b><u>Team Members:</u></b> <ul style="list-style-type: none"> <li>Project planning team</li> <li>Developers</li> <li>Deployment and Issue-resolve team</li> </ul> <p>One member from each team will be part of the Core team.</p>	
<b><u>Purpose of Project:</u></b> <ul style="list-style-type: none"> <li>The creation and deployment of a new Entry-Exit System at the gates of IIIT-Bangalore. The system will be common for all, i.e. for students, faculty, service-staff and visitors.</li> <li>The System will enable smoother flow of traffic at the gates and help maintain record of the movement.</li> <li>The System will provide the following benefits:               <ul style="list-style-type: none"> <li>Smooth, fail-safe and efficient system.</li> <li>Centralized database for all gates.</li> <li>Unique QR code will prevent falsifications</li> <li>Help administration to find out students who enter/exit the campus during curfew hours.</li> <li>Simple and Intuitive UI to make it easily operable by the Security guards</li> </ul> </li> </ul>	
<b><u>Background:</u></b> <ul style="list-style-type: none"> <li>A lot of resources go into writing and manual data entering tasks.</li> <li>Keeping registers and multiple databases for each gate is another issue.</li> <li>Inaccurate timestamping in register</li> <li>Multiple entry-exit by the same entity at the sametime.</li> <li>Keeping tabs on vacations taken by the studentS.</li> </ul>	
<b><u>Deliverables:</u></b> <ul style="list-style-type: none"> <li>Tabulated data containing the movement of all entities.</li> <li>Backed up data for upto one month.</li> <li>Analytic tools like number of curfew defaulters or visitor count per day.</li> </ul>	
<b><u>Stakeholders:</u></b> <ul style="list-style-type: none"> <li>Students</li> <li>Faculty</li> <li>Service staff (including Security guards as well)</li> <li>Visitors</li> </ul>	
<b><u>Resource Requirements:</u></b>	

- An ID card with unique QR code for each student, faculty and staff.
- Instant QR code print for visitors applicable only during visiting hours.
- Simple hands-on training session for guards.
- Three laptops, QR code scanners, server, storage space and QR printer



