

Project Scope	
Project Title: Entry-Exit System at IIIT-B using QR codes	Project Number: IIITB-GN-004
Project Leader/Manager: Aditya Vikram Srivastava	Anticipated Project Start Date: 28 Aug 2018
Sponsor: IIITB administration	Date Prepared: 22 Aug 2018
Project Risk Level: Low	Estimated Completion Date: 15 Nov 2018
Team Members: <ul style="list-style-type: none"> • Project planning team • Developers • Deployment and Issue-resolve team <p>One member from each team will be part of the Core team.</p>	
Purpose of Project: <ul style="list-style-type: none"> • 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. • The System will enable smoother flow of traffic at the gates and help maintain record of the movement. • The System will provide the following benefits: <ul style="list-style-type: none"> ○ Smooth, fail-safe and efficient system. ○ Centralized database for all gates. ○ Unique QR code will prevent falsifications ○ Help administration to find out students who enter/exit the campus during curfew hours. ○ Simple and Intuitive UI to make it easily operable by the Security guards. 	
Background: <ul style="list-style-type: none"> • A lot of resources go into writing and manual data entering tasks. • Keeping registers and multiple databases for each gate is another issue. • Inaccurate timestamping in registers. • Multiple entry-exit by the same entity at the sametime. • Keeping tabs on vacations taken by the students. 	
Deliverables: <ul style="list-style-type: none"> • Tabulated data containing the movement of all entities. • Backed up data for upto one month. • Analytic tools like number of curfew defaulters or visitor count per day. 	
Stakeholders: <ul style="list-style-type: none"> • Students • Faculty • Service staff including Security guards • Visitors 	
Resource Requirements: <ul style="list-style-type: none"> • 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 	