

Project Scenario Detailed View

Name of the Project	My Mission - City Without Crime
Objective/Vision	Developing an online comprehensive crime reporting system to engage public, NGOs, police and government agencies to be more quick, proactive and responsive to fight with crime and criminals.
User of the System	A. General public B. Police, Detectives and Security agencies C. Administrators (Central government body)
Functional Requirements	<ul style="list-style-type: none"> i. Crime Reporting forms, progress tracking, proof attachments. On form submission an SMS goes to regional police officer in case if its serious category crime where quick attention is required. ii. Facilitate crime and criminals search – region, crime-type, gender, age group wise etc. iii. Missing citizen or valuables reporting and search iv. Recognition of citizen and other users' contribution in solving criminal issues. v. Secure registration and profile management facilities for detectives and security agencies vi. Help book & time-to-time instructions to users through mail/sms
Non-Functional Requirements	<ul style="list-style-type: none"> i. Secure access of confidential data (user's details). ii. 24 X 7 availability iii. Better component design to get better performance at peak time iv. Flexible service based architecture will be highly desirable for future extension v. Uninterrupted mail and sms services.
Optional Features	- Web based architecture to integrate other government web-applications
User Interface Priorities	A. Professional look and feel B. Use of AJAX at least with all registration forms
Reports	A. Different levels of reports on crime and criminals - region, crime-type, gender, age group wise and others B. Missing valuables and citizen reports

	<p>C. Weekly progress reports to admin</p> <p>D. One-page complete information to admin and police authorities depends upon many criteria's</p>
Other Important issues	<p>Website should be highly customizable and flexible enough to easily deploy. That means, if I want to use this solution for a particular district or state, least time should be taken to customize it.</p>
Team Size (Maximum)	4
Technologies to be Used	J2EE, UML, XML, AJAX, Web 2.0 etc.
Tools to be Used	<p>Rational Rose/RSA</p> <p>RAD/Eclipse/WSAD/ WebSphere Portal</p> <p>WAS/WAS CE</p> <p>DB2 Express - 'C' or DB2 UDB</p>
Final Deliverable must Include	<p>A. Online or offline help to above said users, Application deployment executive and developer</p> <p>B. Application archive (.war/.ear) with source code</p> <p>C. Database backup and DDL Script</p>