

The Great Mind Challenge - Project Scenario Template

Note: Already filled information should not be changed

1.	Name of the Project	Issue Tracking
2.	Objective/ Vision	To provide Issue tracking for projects
3.	Users of the System	A. Admin B. Developers C. Guests
4.	Functional Requirements (Atleast Eight)	i. Individual accounts for Developers. ii. Ticket creation and updation. iii. Search for tickets. iv. Set Priorities for Tickets(higher-1,2,3) . v. View ticket details. vi. Assigning or UN-assigning a ticket to Developer by higher authorities or by themselves. vii. Uploading patch files or any other required files after solving the issue and update the ticket status. viii. Maintain activities for a. Ticket- Comments and History. b. Developer – Comments and work log. ix. Export a ticket in different formats like doc and pdf.
5.	Non-functional requirements (Atleast Four)	i. Secure access of confidential data (user's details). SSL can be used. 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
6.	Optional features	a. Watch service for subscribing a ticket b. Vote for ticket c. Share ticket through mail
7.	User interface priorities	A. Professional look and feel B. Use of AJAX atleast with all registration forms C. Browser testing and support for IE, NN, Mozilla, and Firefox. D. Use of Graphical tool like JASPER to show strategic data to admin E. Reports exportable in .XLS, .PDF or any other desirable format
8.	Reports	A. Daily Tickets Reports B. Daily Solved tickets Reports C. Monthly Tickets Reports
9.	Other important issues	Website should be highly customizable and flexible enough to easily deploy.

10.	Team Size	Minimum 2 and Maximum 4
11.	Technologies to be used	UML, J2EE, XML, e-Forms, AJAX, Web 2.0, Web-services, SOA
12.	Tools to be Used	<ul style="list-style-type: none"> • ROSE/RSA / WebSphere Modeler • Eclipse/ RAD / Lotus Forms Designer / Portlet Factory • WebSphere Portal/ WAS/ WAS CE / WPS • DB2 Express – 'C' or DB2 UDB • Tivoli CDP/TSM / Tivoli Directory Server • Linux will be the preferred OS.
13.	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> <p>D. Complete Source code</p>