

## The Great Mind Challenge - Project Scenario Template

*Note: Already filled information should not be changed*

1.	<b>Name of the Project</b>	SMARTER WORK MANAGEMENT SYSTEM
2.	<b>Objective/ Vision</b>	<b>The client ABC is an emerging MNC in IT services catering various clients for their IT needs. For the past few years the attrition rate was increasing and it has touched its</b> max in current Q4. The company board is much worried about the attrition and after analysis they came to know that the appraisal system what they have has some flaws which is also contributing to the attrition. They are planning to come up with Smarter work management system(SWMS) which can take care of the problem
3.	<b>Users of the System</b>	<ol style="list-style-type: none"> <li>1. Consultants/Manager</li> <li>2. Administrator</li> <li>3. General user</li> </ol>
4.	<b>Functional Requirements (Atleast Eight)</b>	<ol style="list-style-type: none"> <li>i. This application should have 3 modules – Consultant module whereby the consultants can enter their time against the actual for the project assigned by the lead,</li> <li>ii. Lead module – where by the leads can assign the projects to respective consultants and also track the timings entered.</li> <li>iii. The Administrator module - who define access of the Consultant/Lead.</li> <li>iv. This application enables you to monitor the working patterns, time taken for completing a task and the skills of the Consultant.</li> <li>v. The lead also submits his opinion about the performance of the Consultant for the perusal of the admin.</li> <li>vi. This application has to be a performance analysis tool for the client.</li> <li>vii. The user can also have periodic reviews of his performance.</li> <li>viii. The tool needs to be optimized for varied skill set and related performance measures</li> </ol>
5.	<b>Non-functional requirements (Atleast Four)</b>	<ol style="list-style-type: none"> <li>i. The system should be 24X7 but can have planned outages.</li> <li>ii. <b>Secure access of confidential data (user's details). SSL can be used.</b></li> <li>iii. 24 X 7 availability</li> <li>iv. Better component design to get better performance at peak time</li> <li>v. Flexible service based architecture will be highly desirable for future extension</li> </ol>
6.	<b>Optional features</b>	<ol style="list-style-type: none"> <li>a. It can have appraisal system on demand.</li> </ol>

7.	<b>User interface priorities</b>	<p>A. Professional look and feel</p> <p>B. Use of AJAX atleast with all registration forms</p> <p>C. Browser testing and support for IE, NN, Mozilla, and Firefox.</p> <p>D. Use of Graphical tool like JASPER to show strategic data to admin</p> <p>E. Reports exportable in .XLS, .PDF or any other desirable format</p>
8.	<b>Reports</b>	<p>i. Reports customizing the stored data in a platform independent format and displaying it using style sheets.</p> <p>ii. Admin must be able to take employee data in reports in excel sheets</p> <p>iii. Admin must be able to make pictorial depiction of data in excel sheets</p>
9.	<b>Other important issues</b>	
10.	<b>Team Size</b>	2-4 students
11.	<b>Technologies to be used</b>	UML, J2EE, XML, e-Forms, AJAX, Web 2.0, Web-services, SOA
12.	<b>Tools to be Used</b>	<ul style="list-style-type: none"> <li>• ROSE/RSA / WebSphere Modeler</li> <li>• Eclipse/ RAD / Lotus Forms Designer / Portlet Factory</li> <li>• WebSphere Portal/ WAS/ WAS CE / WPS</li> <li>• DB2 Express – 'C' or DB2 UDB</li> <li>• Tivoli CDP/TSM / Tivoli Directory Server</li> <li>• Linux will be the preferred OS.</li> </ul>
13.	<b>Final Deliverable must include</b>	<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> <p>E. Sample report files</p> <p>F. Sample screenshots of important screens</p>