The Great Mind Challenge - Project Scenario Template

Note: Already filled information should not be changed

1.	Name of the Project	HR Operations Manager
2.	**Objective/ Vision**	In business environments filled with diverse forms of content, continually changing and complex business processes, and an array of different line-of-business interfaces, companies are looking for ways to gain operational efficiencies, reduce risk, and improve quality through exception management and end-to-end process visibility. The solution will be used to demonstrate how value can be delivered across any business process by linking business processes to relevant business content, and to the people that need to make business decisions.
3.	**Users of the System**	A. Administrator B. HR head C. Interviewer D. Applicant E. Manager
4.	**Functional Requirements (Atleast Eight)**	i. Workflow capabilities of the proposed system ii. Components for Business Process iii. HR new hiring process with - i. Applicant submits his/her Resume to an identified e-mail id with an opportunity id. ii. On receiving the email, extract the mail contents & store it. iii. Based on the opportunity id send it to respective HR. (Finance, IM, etc.) iv. HR will verify the resume; if shortlisted, forward it to respective Managers. On rejection, an email will be sent to the Applicant with reason. v. Manager will schedule the interview & assign a team member to perform interview. vi. Interviewer conducts the interview & updates the interview results. vii. Manager will update based on the results. viii. HR will send out the offer letter if selected.

		ix. Applicant will respond with Acceptance/Rejection subject line. On Rejection process will be ended. On Acceptance new employee ID/mail-id will be generated & process will be ended.
5.	**Non-functional requirements (Atleast Four)**	x. **Secure access of confidential data (user's details). SSL can be used.** xi. **24 X 7 availability** xii. **Better component design to get better performance at peak time** xiii. **Flexible service based architecture will be highly desirable for future extension**
6.	**Optional features**	**a.** **b.** **c.**
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, Mozila, 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**	i. Reports customizing the stored data in a platform independent format and displaying it using style sheets. ii. Admin must be able to data in reports in excel sheets iii. Admin must be able to make pictorial depiction of data in excel sheets for better understanding iv. Reports should be elaborate for all the users.
9.	**Other important issues**	**A.** **B.**
10.	**Team Size**	**2-4 students**
11.	**Technologies to be used**	**UML, J2EE, XML, e-Forms, AJAX, Web 2.0, Web-services, SOA**
12.	**Tools to be Used**	• **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**	**A. Online or offline help to above said users, Application deployment executive and developer** **B. Application archive (.war/.ear) with source code** **C. Database backup and DDL Script** **D. Complete Source code**