

The Great Mind Challenge - Project Scenario Template

Note: Already filled information should not be changed

1.	Name of the Project	Car Pooling
2.	Objective/ Vision	To maintain a web based intranet application that enables the corporate employees within an organization to avail the facility of car pooling effectively.
3.	Users of the System	<ul style="list-style-type: none"> a. Admin b. Corporate Employees
4.	Functional Requirements (Atleast Eight)	<ul style="list-style-type: none"> i. A system for an Admin who can enter the employee details like name, contact number, vehicle details etc ii. Corporate employees can register the details to the website iii. The facility to see the available services in the route iv. Employees receive SMS alerts regarding the route and timings. v. The facility to check whether the vehicle and driver is authorized or not vi. Admin can view the report of the car pooling process to improve the system vii. Employees can report suggestions/complaints in the website viii. Admin can monitor every activity which is performed by system ix. Employees can view the details of registered vehicles and the owners which will develop trust and understanding among the employees
5.	Non-functional requirements (Atleast Four)	<ul style="list-style-type: none"> i. Secure access of confidential data (car pooling details). ii. 24 X 7 availability iii. Flexible service based architecture will be highly desirable for future extension
6.	Optional features	<ul style="list-style-type: none"> a. Sending Reports through E-mails b. Calculation of distance or time required for the vehicle to reach the employee pick up point c. Reminder for the driver regarding the pickup points as registered by other employees d. Facility to track the vehicle location
7.	User interface priorities	<ul style="list-style-type: none"> a. Professional look and feel b. Use of AJAX at least with all registration forms c. Browser testing and support for IE, NN, Mozilla, and Firefox.

		<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.	Reports	a. System will generate Monthly Reports and Weekly Reports
9.	Other important issues	<p>a. Report change of schedules</p> <p>b. Report delays through alert messages for problems like traffic/ other issues on the road.</p>
10.	Team Size	2 - 4
11.	Technologies to be used	UML, J2EE, XML, AJAX, Spring, Struts, Hibernate.
12.	Tools to be Used	<ul style="list-style-type: none"> • ROSE/RSA / WebSphere Modeler • Eclipse/ RAD / Lotus Forms Designer / Portlet Factory
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>