

The Great Mind Challenge - Project Scenario Template

Note: Already filled information should not be changed

1.	Name of the Project	HCSS(Highly confidential Security System)
2.	Objective/ Vision	<p>Due to busy life style we can't remember all confidential data like All maid Id, Password, All bank account no, Insurance policy No, PAN NO, Driving License No, Password PortNo, All education certificate Numbers, Some highly value scan copy, some confidential photo and music ,videos.</p> <p>It is a software locker which can hold user sign in information, much like the functionality of SSO, however one can also couple a biometric hardware to strengthen the security system. The system will help user in logging in to the client system for which it is holding/storing the password, either by the software interface or directly by hardware interface.</p> <p>So we can develop highly security web application (new security algorithm and hardware system) .so we can store all confidential data in single credentials</p>
3.	Users of the System	<p>A. Admin B. Public People</p>
4.	Functional Requirements (Atleast Eight)	<ul style="list-style-type: none"> i. Security System (Software and hardware) ii. To provide mail id and password locker iii. Bank account information locker iv. Videos locker v. Images locker vi. Music locker vii. admin viii. User management
5.	Non-functional requirements (Atleast Four)	<ul style="list-style-type: none"> 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 v. Best Encryption algorithm.

6.	Optional features	<p>a. Build such that it is difficult to hack through.</p> <p>b.</p> <p>c.</p>
7.	User interface priorities	<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. Google chrome</p>
8.	Reports	<p>A.Admin report</p> <p>b. Bank report</p> <p>c. Viewable and downlable reports with password protection</p>
9.	Other important issues	<p>A.</p> <p>B.</p>
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	<ul style="list-style-type: none"> • 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. • ROSE/RSA / WebSphere Modeler •
13.	Final Deliverable must include	<p>A. Application archive (.war/.ear) with source code</p> <p>B. Database backup and DDL Script</p> <p>C. Complete Source code</p>