

## The Great Mind Challenge - Project Scenario Template

*Note: Already filled information should not be changed*

<b>1.</b>	<b>Name of the Project</b>	<b>Mobile Health Care Management System</b>
<b>2.</b>	<b>Objective/ Vision</b>	A solution that allows all the Health Information Management System on mobile device
<b>3.</b>	<b>Users of the System</b>	Doctors, Patients, Pharmacists, Lab admins, Billing user
<b>4.</b>	<b>Functional Requirements (Atleast Eight)</b>	<p>1 patients should be able to check doctor availability and book the appointment.</p> <p>2 Doctor should be able to accept or reject appointment.</p> <p>3 Doctor prescription storage and viewable to all departments.</p> <p>4 Lab admins to update lab test results</p> <p>5 Pharmacists to provide stock details and delivery of medicines.</p> <p>6 Billing user to bill based on all the transactions done at each department and keep a track of the same.</p> <p>7 Automatic notification between doctor, patient, pharmacists, lab admins and billing divisions based on use case</p>
<b>5.</b>	<b>Non-functional requirements (Atleast Four)</b>	<p>1. Should work on all smart phones.</p> <p>2 Should be Hybrid app to access native functionality like calendar</p> <p>3 Offline authentication</p> <p>4 Encryption of patient confidential data</p> <p>5 Role based access to patient confidential data</p>
<b>6.</b>	<b>Optional features</b>	<b>a.</b>

7.	User interface priorities	
8.	Reports	
9.	Other important issues	
10.	Team Size	2 – 4 students
11.	Technologies to be used	WorkLight, UML, J2EE, XML, e-Forms, AJAX, Web 2.0, Web-services, SOA
12.	Tools to be Used	<ul style="list-style-type: none"> <li>• Worklight</li> <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.	Final Deliverable must include	<p><b>A. Online or offline help to above said users, Application deployment executive and developer</b></p> <p><b>B. Application archive ( .war/.ear ) with source code</b></p> <p><b>C. Database backup and DDL Script</b></p> <p><b>D. Complete Source code</b></p> <p><b>E. Sample report files</b></p> <p><b>F. Sample screenshots of important screens</b></p>