

Project/ scenario name:	Online Book Sales with Mobile SMS
Custom scenario description:	The main objective of this project is to implement a computer based Online Book Sales System with the help of Mobile SMS. This system will help the users to know automatically when certain book requested by them has arrived once they have registered with the website. It will also help the users to know the latest books of their interests being introduced into the market like fiction, science, technology, romance etc. The database will be developed with open source software.
Objective/ vision:	<ul style="list-style-type: none"> *To develop a book management system *To design a Book Sales Management system *To design a customer Mobile-Book sales management system interface which interacts with database system *To mobile client be optimized and also an interface for connecting thru PC
Users of the system:	<ul style="list-style-type: none"> A. Library at schools and colleges as corporate users B. Individual Customers as Retail Clients C. Non members that search for books D. Administrator
Functional requirements (include at least 8):	<ul style="list-style-type: none"> i.It focused on the acquisition, distribution and management of books. ii.It mainly emphasized creation and implementation of a book sales management information system. iii.It automated the system with the help of SMS that informs the user about the availability, price and method of purchasing the book. iv.It will ease and speed up the planning decision making process process, secure confidential and reliable reports v.It help for addressing problems of security secrecy and confidentiality of customer records. vi.Used to check the delays errors inconsistencies in records and access to historical records. vii.It has eased the control and distribution of books in various parts of the country basing on regional demands
Non-functional requirements (include at least 4):	<ul style="list-style-type: none"> i.Secure access of confidential data ii.Better component design to get to better result at peak time iii.Execution qualities such as security which are observable at run time iv.Execution qualities like such as testability ,maintainability and scalability which are embedded in the static of the software system
Optional features:	a.It is very smart in choosing different books for customers based on the type of area that they like.
User interface priorities:	<ul style="list-style-type: none"> A.Professional look and feel B.Use of XFORMS atleast with all registration forms C.Browser testing and support for IE,NW, Mozilla & firefox D.Use of graphical tool like JASPER to show strategic data to admin E.Reports exportable in XLS,PDF or any other any desirable format
Reports:	To be thought of according to requirement
Other important	Website should be highly customizable and flexible enough to easily deploy

issues:

Technologies to be used: UML, J2EE, POREXML, e-form, x-form, AJAX

Team size 2 – 4 students

Tools to be used:

1. Elipse/RAD/Lotus forms Designer/Portlet Factory
2. DB2 Express Cor DB2 UDB
3. Tivoli CDP /TSM/Tivoli Directory Server
4. Linux will be the preferred OS

Final deliverable must include:

1. Online or offline help to above said users, Application development executive and developer
2. Application archive (.war/.ear) with source code
3. Database backup and DDL Script
4. Complete Source code