


[▶ Ask for Software](#)
[▶ Team Registration](#)
[▶ Project Scenario](#)

[Home](#) > [Project Scenario Details](#)
[Terms and Conditions](#)

[Change Profile Help](#)

[Tech Details](#)

[Resources](#)

[Project Submission](#)

[Time Lines](#)

[Training Schedule / Events](#)

[E-Mentor](#)

[Discussion Forum](#)

[FAQs](#)

[Prizes & Evaluation](#)


[Back](#)

### Project Scenario Detailed View

#### Name of the Project

Internet banking system

#### Objective/Vision

Looking for an online comprehensive solution to manage Internet banking. This will be accessible to all customers who have a valid User Id and Password. This system provides the following facilities:

Balance Enquiry

Funds Transfer to another account in the same bank

Request for cheque book/change of address/stop payment of cheques

Viewing Monthly and annual statements.

#### User of the System

A. Team members (Customers)

B. Industrialists, Entrepreneur, Organisations academicians etc.

C. Administrators

#### Functional Requirements

i. Customer must have a valid User Id and password to login to the system

ii. If a wrong password is given thrice in succession, that account will be locked and the customer will not be able to use it. When an invalid password is entered a warning is given to the user that his account is going to get locked.

iii. After the valid user logs in he is shown the list of accounts he has with the bank.

iv. On selecting the desired account he is taken to a page which shows the present balance in that particular account number

v. User can request details of the last 'n' number of transactions he has performed.

A report can also be taken of this

vi. User can make a funds transfer to another account in the same bank. User is provided with a transaction password which is different from the login password.

vii. User can transfer funds from his account to any other account with this bank. If the transaction is successful a notification should appear to the customer, in case it is unsuccessful, a proper message should be given to the customer as to why it failed.

viii. User can request for cheque book/change of address/stop payment of cheques

ix. User can view his monthly as well as annual statements.

He can also take print out of the same.

#### Non-Functional Requirements

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

#### Optional Features

- &#61607; Java based client for Administrator
- &#61607; Customizable color scheme or skins

#### 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, Mozilla, 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

#### Reports

- A. Country wise/State wise/City wise
- B. Category wise

#### Other Important issues

Website should be highly customizable and flexible enough to easily deploy.

#### Team Size (Maximum)

4

#### Technologies to be Used

UML, J2EE, XML, AJAX, Web 2.0, Web-services, SOA

#### Tools to be Used

RAD/ROSE/RSA/Eclipse/WSAD/ WebSphere Portal  
WAS/WAS CE  
DB2 Express – 'C' or DB2 UDB

Linux will be the preferred OS

#### 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

#### Documents

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