



## REQUIREMENT SPECIFICATION

<b>Project Code:</b>	InternetBankingSystem-01
<b>Project Name:</b>	Internet Banking System
<b>Account:</b>	
<b>Vertical:</b>	
<b>Location:</b>	Chennai Development Center
<b>Customer Name:</b>	Our Bank India Ltd.
<b>Technical Manager/ Email ID:</b>	
<b>Project Manager / Email ID:</b>	
<b>Quality Co-ordinator / Email ID:</b>	
<b>Customer Contact Information:</b>	

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Prepared by/Date

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Reviewed by/Date

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Approved by/Date



## Revision History

Version (x.yy)	Date of Revision	Description of Change	Reason for Change	Affected Sections	Approved By
1.00	4-June-2019	Initial Draft			

## Affected Groups

Development Engineering
Quality Assurance
Our Bank India Ltd

## List of Reference Documents

Name	Version No.
1. Request For Proposal	1.0
2.	
3.	
4.	



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## 1 Introduction

Our Bank India Ltd provides Banking Services to Indian citizens.

Our Bank India Ltd plans to develop Internet Banking - a web application wherein a user can access his or her Account and do transactions online.

### Scope and Overview:

The scope of Internet Banking System will provide the functionality as described in Functional Requirements below. The system will be developed on a Windows Client or Windows Server machine using ASP.NET, C#, SQL Server etc.

## 2 Functional Requirements

The users of the Internet Banking System are:

1. **Administrator** - Maintain Branch details & Branch Manager Details.
2. **Branch Manager** – Approves registrations of Internet banking users of his branch.
3. **Customer** – Apply for Internet Banking, Do all types of banking transactions.

Below are the requirements specific to the types of users:

### 2.1 Administrator

Requirement ID	Description	Priority
AD-001	The admin should be able to add branch manager details.	P1
AD-002	The admin should be able to modify branch manager details	P2
AD-003	The admin should be able to delete branch manager details.	P2
AD-004	The admin should be able to search and view branch information.	P1

### 2.2 Branch Manager

Requirement ID	Description	Priority
BM-001	The branch manager should be able to view all pending internet banking requests.	P1
BM-002	The branch manager should be able to approve or reject a pending request.	P1
BM-003	The branch manager should be able to view all approved / rejected requests.	P2

### 2.3 Customer

Requirement ID	Description	Priority
CS-001	The customer should be able to register to Our Bank internet banking.	P1
CS-002	The customer should be able to track the status of the request.	P1
CS-003	The customer should be able to create their own username and password for logging into Internet banking.	P1
CS-004	The customer should be view account details.	P1
CS-005	The customer should be able to view and print account statement.	P2
CS-006	The customer should be able to add a beneficiary.	P1
CS-007	The customer should be able to transfer funds to the registered beneficiary.	P1



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Below are other application specific requirements:

### 2.4 Authentication & Authorization

Requirement ID	Description	Priority
AA-001	All users logging into the system should be authenticated using a unique login-id and password (operations to be supported based on type of user)	P1

### 2.5 Build & Install

Requirement ID	Description	Priority
BI-001	The application should be built using Visual Studio 2010 or higher and deployed using IIS 7.0 or higher	P2

### 2.6 Exit handlers

Requirement ID	Description	Priority
EX-001	The application should handle logout (close all open database connections, invalidate sessions, etc)	P1

## 3 Interface Requirements

The Internet Banking System should be developed as a web application or MVC application using Razor engine.

## 4 Non functional Requirements

- The application should be intuitive to use and easy-to-maintain
- The application should be able to handle simultaneous requests from multiple clients
- Upon installation, the Administrator and Branch Manager are expected to have default User ID and Password.
- The system may force the Administrator and Branch Manager to change password to a non default one, upon initial login.

#### Target Environment:

- Intel hardware machine (PC i5, 4 GB RAM, 500 GB HDD)
- Windows 10
- .NET Framework 4.6 or higher
- IIS 7.0 or higher
- Visual Studio 2017 or higher
- Database – SQL Server 2014 or higher

## 5 Assumptions/Dependencies/Limitations

- The scope of the application is limited to only one country
- The user will be able to register to Internet Banking only if he / she are holding Savings Bank Account with the bank.



## 6 Requirements Priority Table

Abbreviation	Remark
P1	First Priority (Priorities have been specified along with the requirements)
P2	Second Priority (Priorities have been specified along with the requirements)

## 7 Acronyms and Glossary

Abbreviation	Remark
AD	Admin.
BM	Branch Manager.
CS	Customer.
EX	Exit Handler.
BI	Build and Install.
P1	Priority 1.
P2	Priority 2.
OS	Operating System.
PC	Personal Computer.
GB	Gigabyte.
RAM	Random Access Memory.
HDD	Hard Disc Drive.
IIS	Internet Information Service.
SQL	Structured Query Language.