SOFTWARE REQIUREMENT SPECIFICATION:

**Project Plan:  E banking System**

**1. Introduction**

E Banking System provides is specifically developed for online banking for Balance Enquiry, Funds Transfer to another account in the same bank, Request for cheque book/change of address/stop payment of cheques, Mini statements (Viewing Monthly and annual statements).The Traditional way of maintaining details of a user in a bank was to enter the details and record them. Every time the user need to perform some transactions he has to go to bank and

perform the necessary actions, which may not be so feasible all the time. It may be a hard-hitting task for the users and the bankers too. The project gives real life understanding of E-Banking System and activities performed by various roles in the supply chain. Here, we provide an automation for banking system through Internet. Online Banking System project captures activities performed by different roles in real life banking which provides enhanced techniques for maintaining the required information up to- date, which results in efficiency. The project gives real life understanding of E-Banking System and activities performed by various roles in the supply chain.

**2. Overview**

The Online Banking System is a package to be used by Bank customer to improve the efficiency of customer, Bank employees and Bank. The Online Banking System to be developed benefits greatly the members and the customer of Bank of branch. The system provides money transfer catalog and Account details to members and helps them on the Personal Account management. The real time system can keep the account record catalog updated all the time so that the members get the updated information all the time.Due to this we can minimize sort of work load from members of bank as well. Bank will run 24X7 without any problem and it becomes easy for customers to do the small things from their home.

**2.1 Customers**

Everyone. Anyone can use this application ranging from a teen to an old-age person.

**2.2 Functionality**

* Users should be able to register through their already existing accounts.
* The system shall provide the users with logon capabilities.
* The E Banking System is also supported on mobile devices such as cell phones.
* The system can alert the banker or the administrator in case of any problems.
* Both Software and Data Backed Up Periodically.
* Proper message should be shown on successful login and and other operations.
* User transactions should be saved at each log in.

**2.3 Platform**

We Launching it on both platforms Web-based application and a Mobile app for Android.

**2.4 Development Responsibility**

I, ABC, would be developing the software and I am responsible for the creation of the Database and all the other security related stuff for the banking software.

**3. Goals and Scopes**

* Users should be able to register through their already existing accounts.
* They should be able to share feedback.
* People should be able to Get all account information.
* They should able to request for ATM card, check book like stuff through E banking service
* Each user can have his/her Profile page with minor details.
* People can transfer money through E banking to another account.
* Security and user privacy should be maintained.

**4. Deliverables**

I’ll deliver the following during the development:

* Feature specification
* Product design
* Test plan
* Development document
* Source code

**5. Risk Management**

**5.1 Risk Identification**

Following will be the risk involved in my project:

1. People are not really interested in e banking due to security purpose.
2. Un-educated peoples don’t know the technology.
3. Incorrect transaction processing.

**5.2 Risk Mitigation**

* Keeping security concerns in mind, we followed a standards given by RBI.
* Used latest technology to maintain the secrecy and confidentiality of data. Further, they must use logical access control to implement it.
* In order to mitigate the money laundering risk, we developed an anti-money laundering (ALM) technology for reporting and querying.
* PIN and live image authentication used to adopt a fraud-free culture of banking.
* We made extensive e-banking network so that the rural and remote areas of the country can also benefit.

Thus, I think that there is a considerable amount of difference between the our software in the bank than other banks in terms of security and functionality.

**6. Scheduling and Estimates**

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| --- | --- | --- | --- |
| **Milestone** | **Description** | **Release Date** | **Release Iteration** |
| M1 | Application view and Design | Jan 1, 2022 | R1 |
|  | (Front-end development) |  |  |
| M2 | Database for my application | Jan 16, 2022 | R1 |
|  | (Back-end) |  |  |
| M3 | Integrating views and designs  (Integrating front-end and  back-end) | Feb 10, 2022 | R1 |
|  |
|  |
| M4 | Testing for initial release | Feb 20, 2022 | R2 |
| M5 | Issue tracker, user reviews, | March 1, 2022 | R2 |
|  | web design integration |  |  |
| M6 | Final release | April 12, 2022 | R2 |

**7. Technical Process**

Programming Languages Used :

Front-end development: HTML, CSS, React.

Back-end development: SPRINGBOOT, MySQL.

For Android app: Java on Android SDK.