**Mobile Banking Application**

**Mobile Application Development**

Mobile application development is the process where developers need to set environment to develop applications that includes Software Development kit(SDK),Application Programming Interface(API) and Integrated Development Environment.

**Business Requirements**

**-**This mobile application will help users to handle their valuable data on some clicks

**-**It will avoid all the security risks that can be arise.

**-**The application will help to ease the access of banking services.

**Technical Requirements**

Android version - 4.3 or above

Screen Resolution - min 480 x 800

**Mobile Banking Application**

While working with the banking field security comes first therefore developing the banking application requires the security.

**Proper Authentication**

The designed application authenticates user each time as whenever he/she launches the application.

**Smooth Flow**

The flow of the application should be simple where each user can understand where to go.

**Simple UI**

UI is the most important thing that should be considered while developing the application as end user can easily get idea by simply viewing the UI.

**Response Time**

There should be minimum response time for the user reque

**Pseudo Code ( Fund Transfer )**

Balance := get available balance

amount:= Accept amount to be transfer

If balance > amount then

isValid (get(Acc no,IFSC,Name)) then

userBalance = balance -amount;

beneficiaryBalance=beneficiaryBalance+amount;

Else

Invalid details

Else

Insufficient balance

End

**Basic Application Flow**

**-**When user will open app each time system will automatically detects details like mobile number,network availability and other necessary requirements.

**-**At first,user need to submit his/her mobile number then system will provide an OTP by message to that number.

**-**If the OTP matches user can add all its required information and register.

**-** While registration you need to set unique PIN for your app so that you can enter it every time you visit the app.

**-**You can reset your PIN using OTP.

**-**Once you complete all this authentication process you can redirected to homepage where you can access all available services in online services section.

**-**User can update his/her credentials by visiting the settings in application.

**-**Once done with all you can log out which will clear all your information from application.