**Objective of the Project:-**

A fast and effective web based online banking system for extending functionality and security for personal banking services that give you complete control and facility to your banking demands, It is a simple and easy user interface design to work with, and extra functionalities can be added in future without disturbing other features.

Features:-

Based on intuitive modern material design by Google. Good and responsive web design with cross device compatibility. Cross compatibility with browsers, works on all browsers in the same way. Optimized code to facilitate increased speed while displaying the web-page.

**Feasibility Study :-**

A system where customer can interact with admin through messages by which the admins can respond accordingly. It is like a mail system between customer and admin. The security of this website is not stronger as compared to real world websites but have given very much efforts to make it secure.

**Functional and non functional requirements:-**

Functional Requirements:-

* HTML5, CSS, JavaScript & jQuery used for front-end design.
* PHP7 & MySQL used for back-end design.
* Oracle MySQL has been used to create and host the database for the internet banking website.

Non Functional Requirements:-

* Other than the languages/tools mentioned above NO other/external libraries and/or web-page templates have been used, everything has been coded from ground-up straight from scratch.
* The database contains customer & admin tables.
* Each customer has its own virtual passbook linked with his/her account number.
* Each customer has its own beneficiary table linked with his/her account number.
* A separate table for news and news’ body is maintained in the database

**Some security features of this website:-**

Both user/admin can login after entering username and password. The login page of admin will be hidden from user as admin has more access on website. Before any step made by user or admin a quick check through website is made to ensure that web page is working well or not, if some error occurs the page will be redirected to home page. A feature name session time out is present when no activity is recorded by the user the session will be logged out after couple of minutes, data and details given by the user to the database will not changeable after account open.

Some SQL security also there for preventing user to not to enter any wrong data.

**Hardware and software requirement:-**

* Windows 10

**Limitation:-**

* Registration for online banking by Admin.
* Adding beneficiary account by customer.
* Transferring amount to the beneficiary added by customer.
* Customers can check the transactions related with their account.
* Customers can check their account statement within a date range.
* Customers can filter their transactions based on certain variables.