

3) External Interface

SRS of online savings bank account

I] Introduction

i) Purpose

The purpose of this document is to present a detailed description of the Online savings bank account. It will explain the motive and features of the system. This document is intended for both stakeholders and system developers and will be liable for approval or disapproval of project by the Bank

ii) Scope

Online savings bank account system is helpful for every bank customers. Its convenient methods and rapid functionalities makes it wide acceptable over traditional banking system. Also man made errors are overcome by machine functions.

iii) Definitions and Abbreviations

Terms	Definitions
User	A person who needs the system to do his task efficiently and effectively
Credit Card	Credit holding cards, buy everything and pay from credit cards. Cards from each bank ensure person has account and balance in the particular bank
Stake holder	Any person with an interest in the project who is not a developer

iv) References

The web application has been prepared on the information gathered from different sites

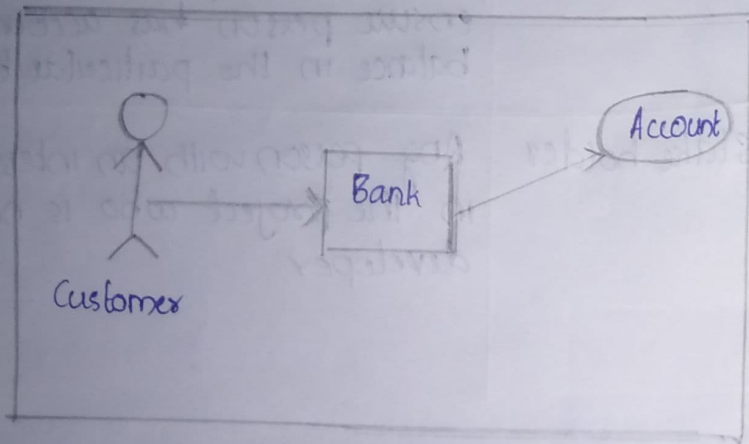
- www.wikipedia.org.in
- www.google.com

II] General Description

i. Product Perspective

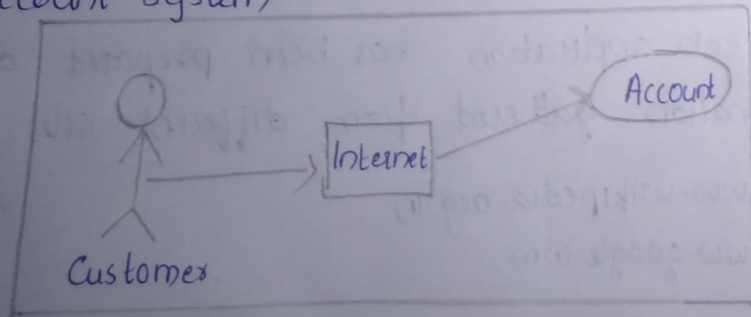
The section portrays a comparison between traditional banking system and online savings bank account system

■ Diagrammatic representation of traditional banking system



The customer has to approach the branch to make any transactions in that account

■ Diagrammatic representation of online savings bank account system



With physical stress relief, time is also saved through online system. As internet ~~do~~ it all rapidly we even don't want to wait for our turn as in traditional banking.

ii'. Functionalities

Software include following functionalities

a) Online money transfer and transaction information; Customer will be able to transfer his/her money to another account with account numbers provided by the bank. Information about the transactions can be accessed also through this account number and transaction details are saved and can view upto one year.

b) Balance Enquiry

Customer will be able to check their balance even at a single click.

c) Online billing facility

Customers will be able to pay online their bills after a successful online shopping. Online shopping is an attractive way to buy and sell items and secure billing method make it

more acceptable.

d) Online records

Bank staffs will check and update records of every customers online.

iii) User characteristics

There are various kind of users for the system.

Usually web products are visited by various users.

-Here in this case, users who need to perform banking will be there at the same time persons as chancellor who will be acting as the controller will be another user.

iv) General Constraints

Some general constraints are defined;

a) Hardware Requirements

Online savings bank account system is an online based application therefore client server will be the most suitable style. Computer systems will be needed by each of the actor and customer must be connected to the internet facility.

b) Safety and Security

Project ensures safety and security as user can directly access their account through internet. Also bank provides account number and password unique software has to identify the person with providing details. This field requires concentration as it's a difficult task to access the correct user.

v) Assumptions and Dependencies

Following are assumptions and dependencies which are related to online savings bank account

- (1) The project is a stand-alone project so it will not affect the system where it is embedded
- (2) Bank staffs have to grow up to come out of the traditional methods
- (3) As it is an online system, everyone independently access their account and can do required transactions
- (4) Banks will feel free to adopt it as it will not be much expensive

III] Specific Requirement

How the customers mingle with online savings bank account system and what are requirements whether functional or non-functional these

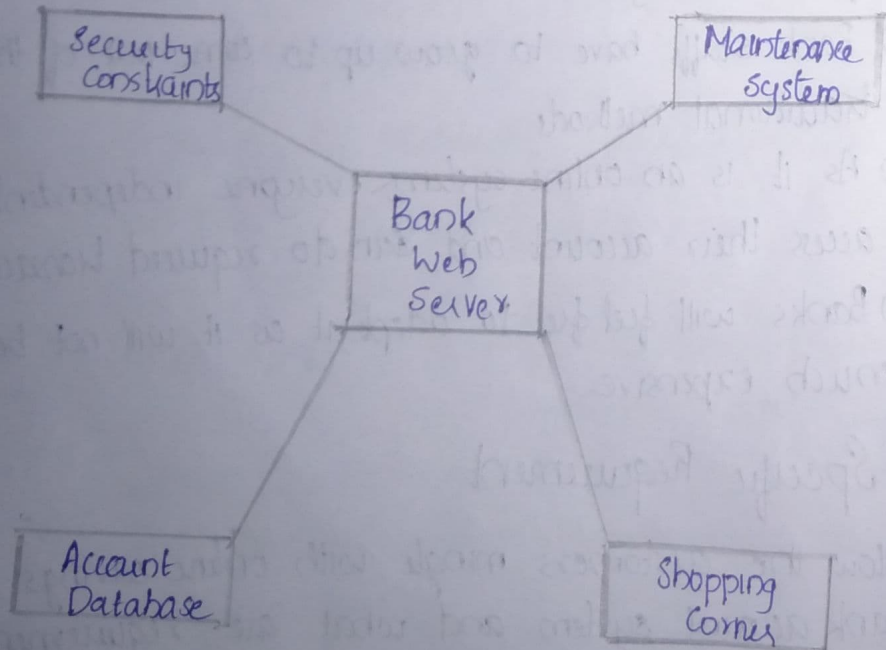
all are discussed here to provide a powerful base for designing. Design phase depends most on functional and non-functional requirements.

a) Functional Requirements

Facilities the system will provide for the customers are followings

- 1) Online money transfer
- 2) Online balance check
- 3) Online shopping facility
- 4) Online transaction details
- 5) Online records

a.1) Context diagram and extent list



b) External Interface Requirements

i) User Interface: Application will be accessed by means of browser and can be viewed 1024x768 pixels. Software would be fully compatible with Google Chrome. No user can access application without logging on to the system.

ii) Hardware Interface

Server side:

- 1) Operating system - Windows 9x/XP, Windows ME
- 2) Processor - Pentium 3.0GHz or higher
- 3) RAM - 256 MB or more
- 4) Hard drive - 10 GB or more

Client side

- 1) Operating system → MAC, UNIX
- 2) Processor - Pentium III or 2.0 GHz
- 3) RAM - 256 MB or more

iii) Software Interface

Client side - HTML, Web browser, FlashPlayer, MS office

Web server - HTML, MS office, Windows 9x/XP

iv) Communication Interface

Customer must connect to internet to access the website

a) Broadband Internet

b) Dialup or Broadband connection with a internet provider

c) Non-functional requirements

Requirements which are characteristics of a system but are not functionalities are called non-functional requirements. Just fulfilling customer's requirement is not a task, the system must be accurate, reliable, secure, easy to maintain etc. This section defines such requirements such as;

- Performance constraints → System must be fit according to the performance. Use less memory and is easily available for the user

- Maintainable → Modules are designed in a way such that it can be integrated if required.

- Testable

- Reliable

d) Other Requirements

There are other requirements too which makes system better.

IV] Possible Product Evolution

i) Credit Card Management - As credit cards are important for online shopping, it's a requirement to be included.

ii) Technology Evolution - As system is designed in a secure way now. It might crash or slow down further which may affect security of the system so technologies are accessed to ensure safety

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