PROJECT ON

Developed by

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Reg. No:

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Reg. No:

GroupFund Bank

Batch Code	**:**	B010101
Start Date	**:**	May 12, 2011
End Date	**:**	May 19, 2011
Name of the Coordinator	**:**	Mr. Pham Tuan
Name of Developers	**:**	Ngo Xuan Binh
		Phi Trung Duc

Date of Submission **:** May 26, 2011

NIIT

CERTIFICATE

This is to certify that this report, titled *GroupFund Bank*, embodies the original work done by *Ngo Xuan Binh* and *Phi Trung Duc* in partial fulfillment of their course requirement at NIIT.

Coordinator : *Mr. Pham Tuan*

ACKNOWLEDGEMENT

We have benefited a lot from the feedback and suggestions given to us by Mr. Pham Tuan and other faculty members.

SYSTEM ANALYSIS

System Summary: GroupFund Bank queue system is an Internet-based application. It will generate a coupon number for each customer visiting the bank. The different customer service desks will cater to the different needs of the customers.

There are three types of users:

- *Administrator:* Will be responsible for maintaining master data
- *Banking Officers:* Will be responsible for interacting with the customers, and increse ticket number after a customer is servered.
- *Customers:* Will be responsible to obtain a new ticket number

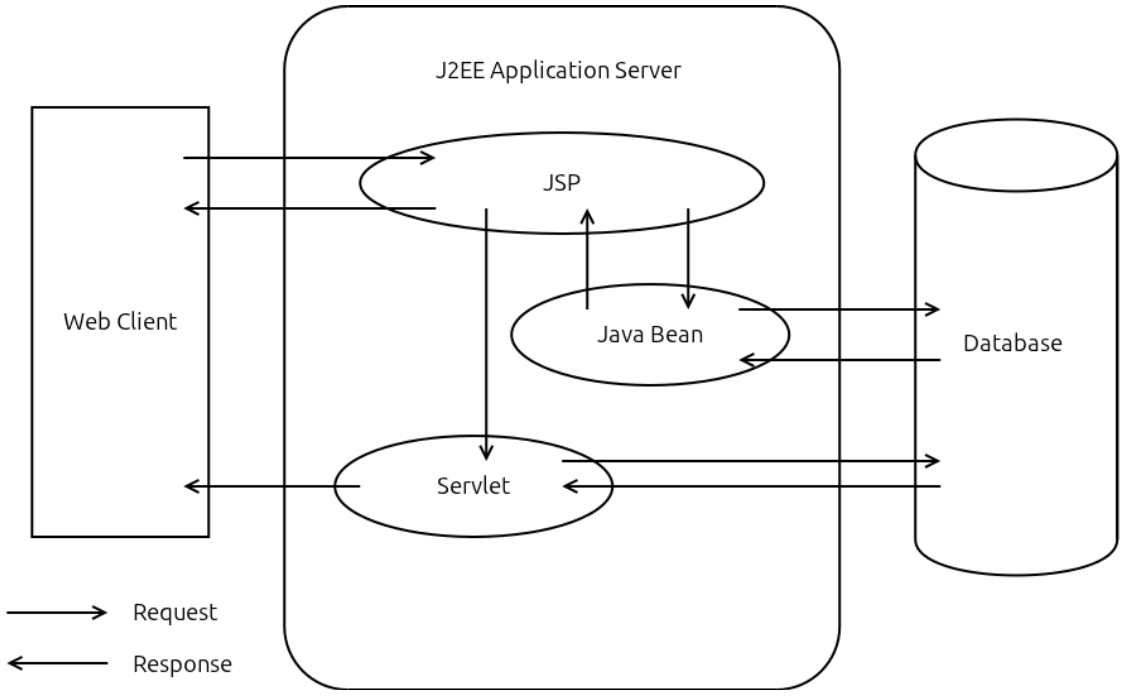
All users have themselves username and password. They can retrive lost password by providing certain authenticated information such as their date of birth.

INDIVIDUAL PROJECT SCHDULE

S. No.	***Activity Description***	***Planned Date of Completion***	***Actual Date***	***Responsibility***	***Remarks***
1					

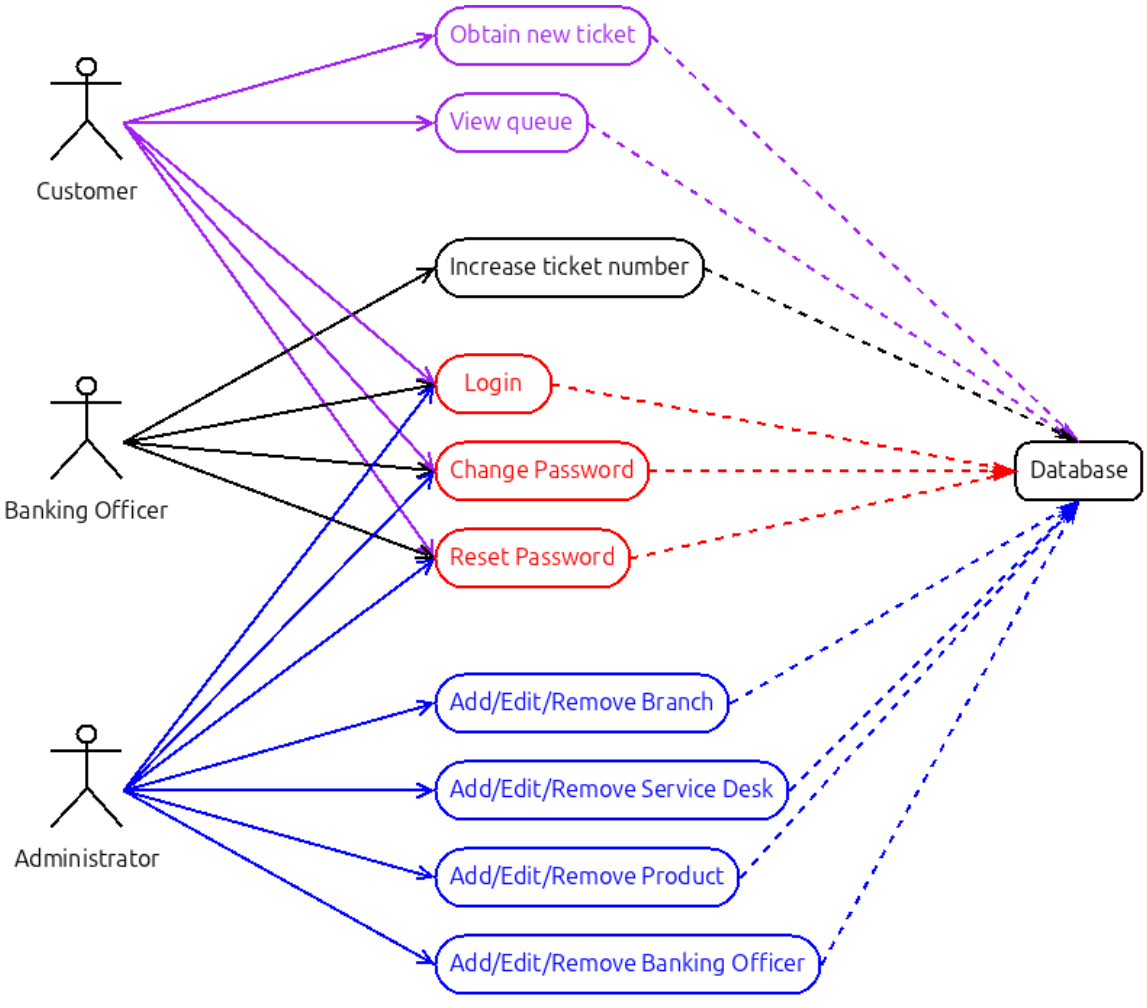
TECHNOLOGY DIAGRAM

This top-level diagram represents the technologies used to develop a J2EE Web applications.



USE CASE DIAGRAM

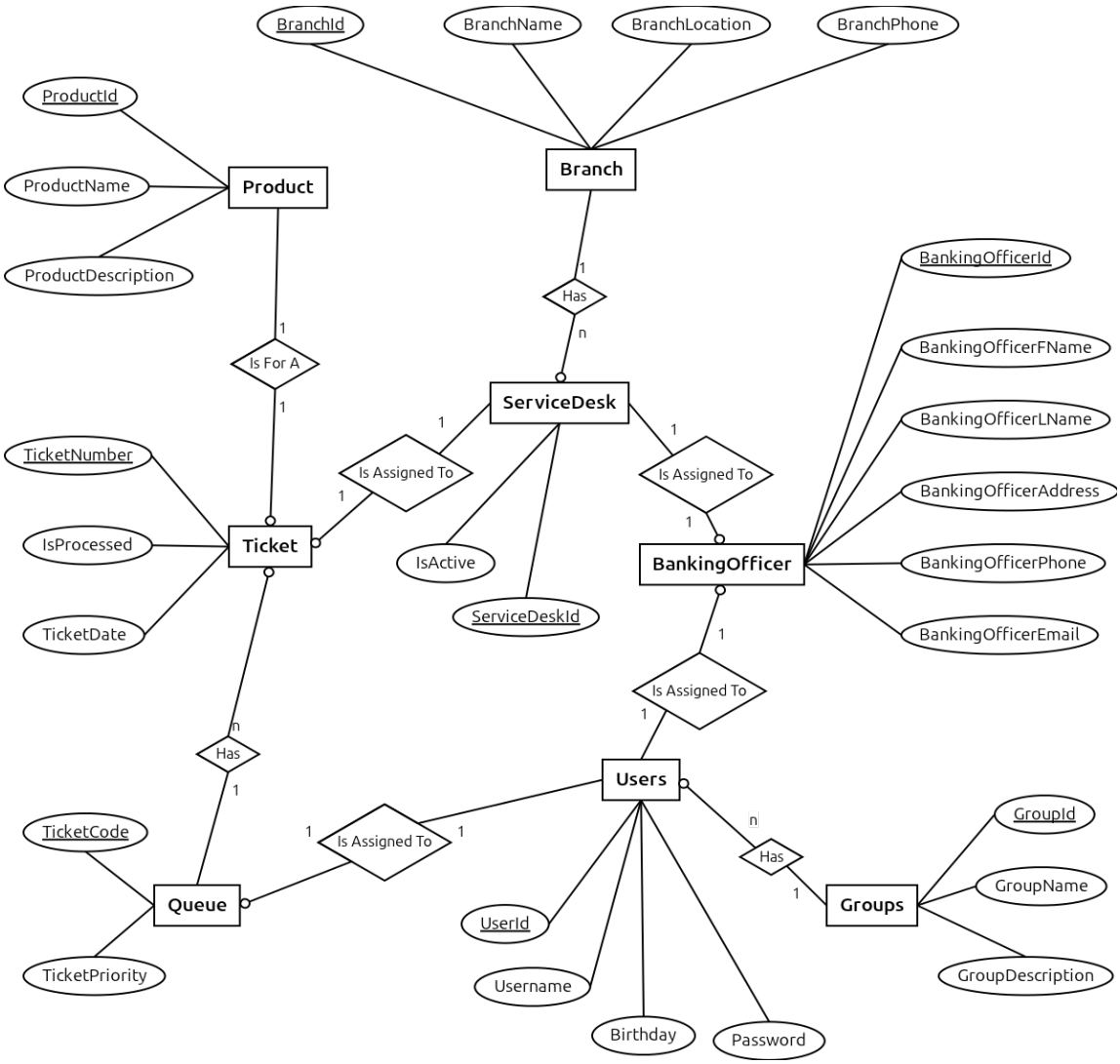
This use case diagram represents the functional relationship among the various entities in the system.



E-R DIAGRAM

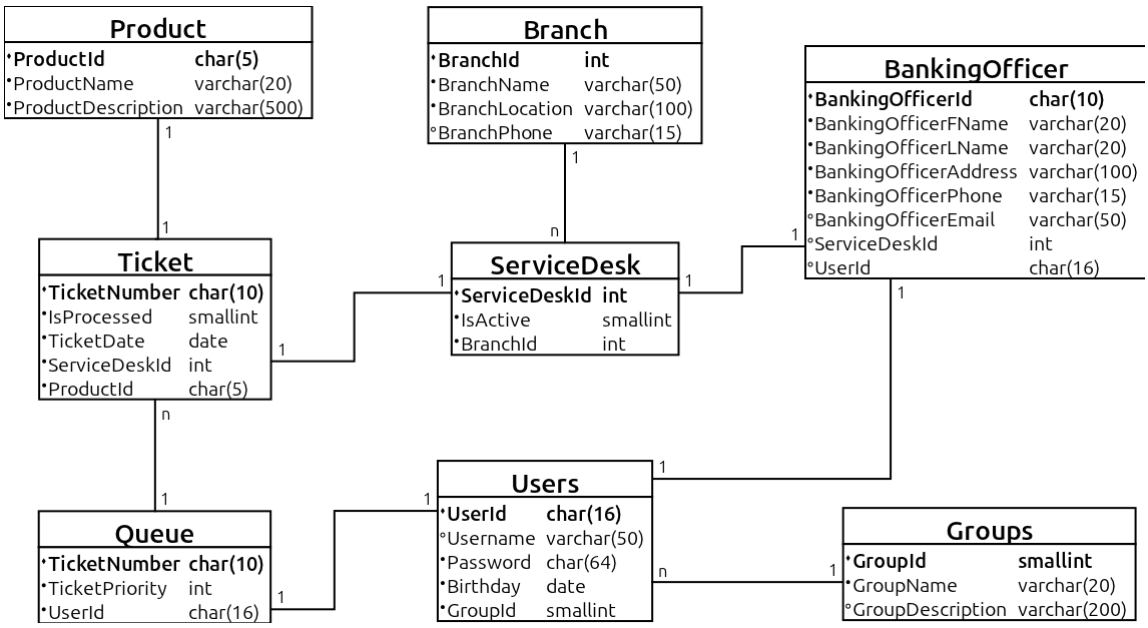
Database Name : ***GroupFund***

This E-R diagram represents the relationship among the various entities of the database.



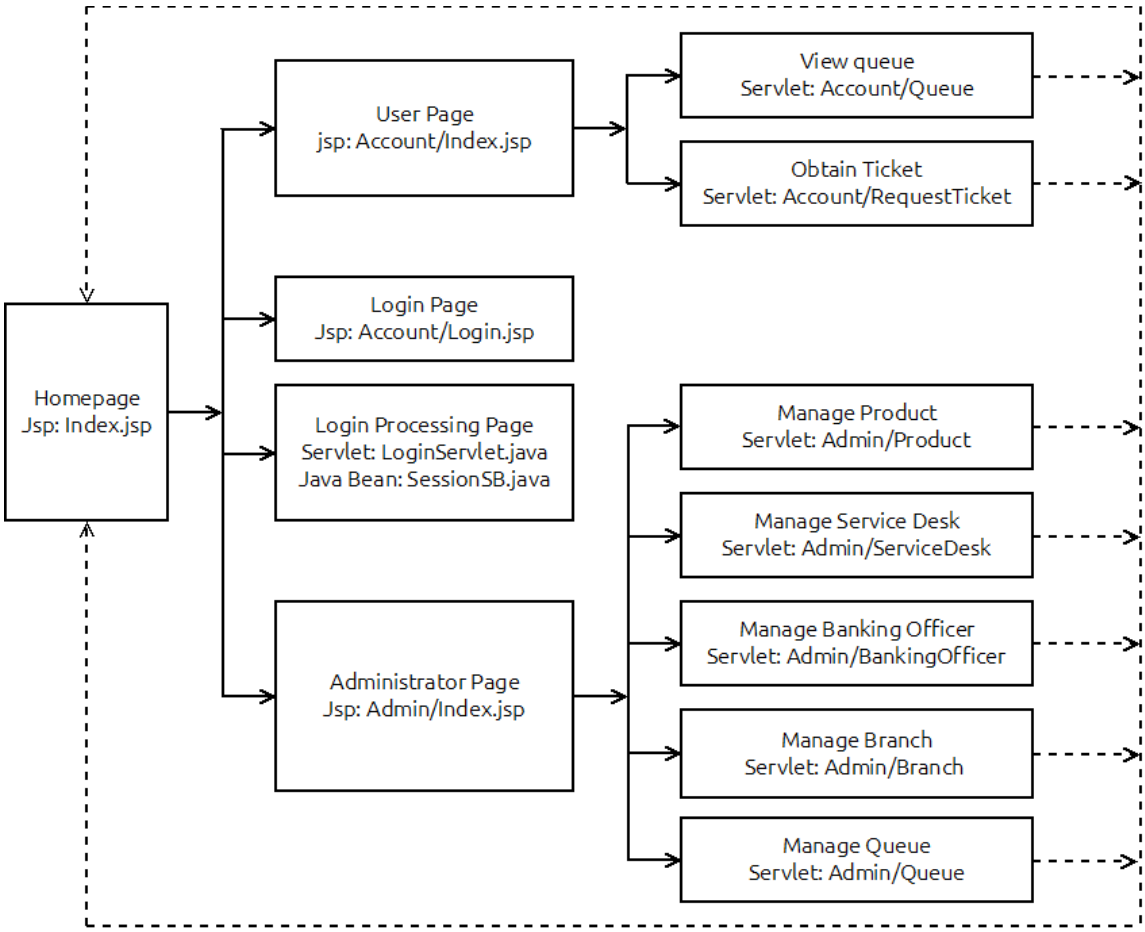
SCHEMATIC DIAGRAM OF THE DATABASE

Database Name : ***GroupFund***



LOGICAL FLOW DIAGRAM

The logical flow diagram represents the control flow of the GroupFund-Bank application.



CONFIGURATION

Hardware	**:**	PC compatible with a Intel Core i3 processor, 2 GB RAM, and 320GB of Hard-disk
Operating System	**:**	Ubuntu 11.04 Natty Narwhal
Software	**:**	Netbeans IDE 7.0 bundled, JDK1.6.21

PROJECT FILE DETAILS

S. No.	***File Name***	***Remarks***
1	Index.jsp	Home page
2	Account/Index.jsp	User home page
3	Account/Login.jsp	Display login form
4	LoginServlet.java	Process login request
5	SessionSB.java	Process session
6	Account/Logout.java	Process logout request
7	Queue/Queue.java	Display queue
8	Queue/RequestTicket.java	Given a tiket to a customer
9	Ultilities/Encryption.java	Encrypt/ Decrypt string data
10	Ultilities/Hash.java	Hash password
11	Admin/Index.jsp	Admin home page
12	Admin/Branch.java	Manage branch, such as add, update or delete
13	Admin/Product.java	Manage product, such as add, update or delete
14	Admin/ServiceDesk.java	Manage service desk, such as add, update or delete
15	Admin/BankingOfficer.java	Manage banking officer, such as add, update or delete
16	Admin/Queue.java	Delete ticket from queue when customer is served
17	Error.java	Display error