Presentation On Payment Billing System

Presented By:

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Master Trainer

Edunet Foundation

IBM Advance Diploma

Presentation Flow

- About Project
- Project Objective/ Vision
- Users of the System
- Functional Requirements
- Non-Functional Requirements
- User Interface Priorities
- Tools and Technologies.
- Process Modelling(DFD)
- Data Modelling(ER Diagram)
- Table Structure
- Screenshots
- Conclusion
- Scope for Future Enhancement:
- Bibliography

About Project

- The project titled as “PAYMENT BILLING SYSTEM “is a web based application. An institute have different branches at different locations want to control and maintain the accountant salary and student personal and payment details. software provides facility for reporting , new student details, payment details ,and modify details of student and salary of the accountant.

Project Objective/ Vision

- An Institute having different branches at different locations, want to control and maintain the accountant salary and students personal and payment details.

Users of the System

1. **Admin of institute.**
2. **Accountant of each branch.**

Functional Requirements

1. Admin of the institute

1. Create, Update and delete accountants detail after login.
2. Can search branch wise accountant.
3. Can search All candidates studying in various branches and can update and delete them.

2. Branch Accountant

1. Can search the students personal and payment details as per requirement after login.
2. Can update the old students record.
3. Can save new student information.

Non-Functional Requirements

1. Secure access of confidential data (users details). SSL can be used.
2. 24 X 7 availability.
3. Browser testing and support for IE, NN, Mozila, and Firefox.
4. Reports exportable in .XLS, .PDF.
5. Create a detailed UML diagram (Component, Sequence, Class) for the system and its sub-components.

User Interface Priorities

1. Professional look and feel
2. Use of AJAX atleast with all registration forms and with every search option and at the id of each searched result with on mouseover event.

Tools and Technologies.

Hardware Specification

Processor	:	Intel i3
RAM	:	2GB
Hard disk	:	20 GB
Monitor	:	14 inch
Mouse	:	3 Button scroll
Keyboard	:	108 keys

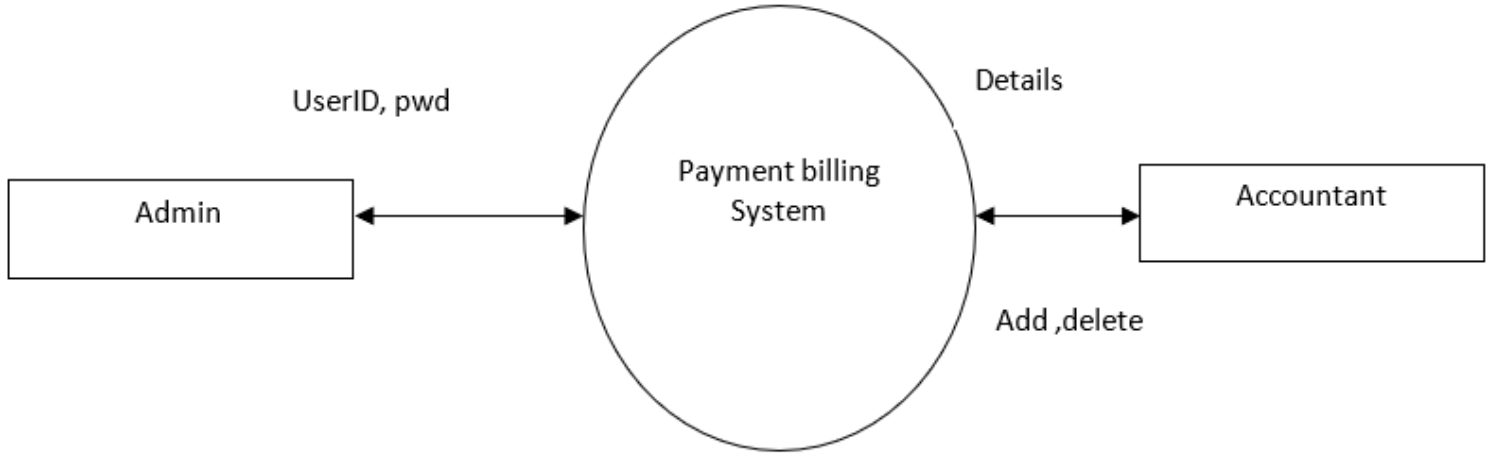
Software Specification

Operating System	:	Windows 2010
Languages	:	Java 1.8
Front End	:	HTML, JavaScript, Bootstrap
Platform	:	Eclipse Oxygen.3 Release (4.7.3)
Web Servers	:	Tomcat 9.0
Backend	:	MySQL 8.0
Browser Program	:	Internet explorer/Mozilla Fireworks

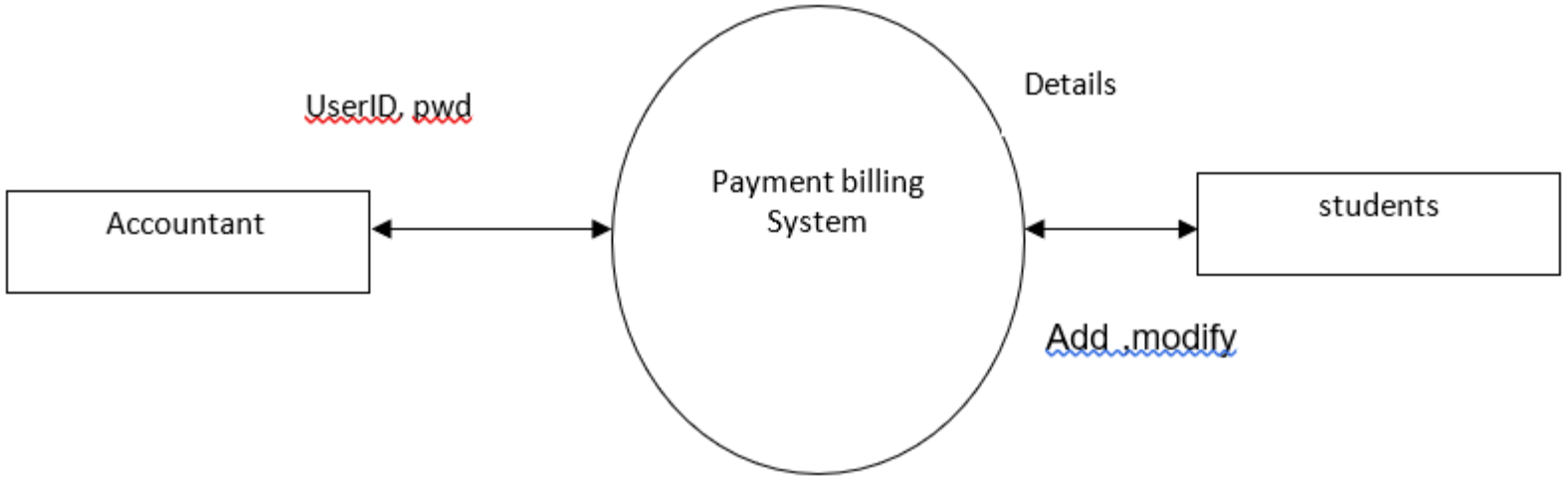
Process Modelling(DFD)

0-LEVEL DFD

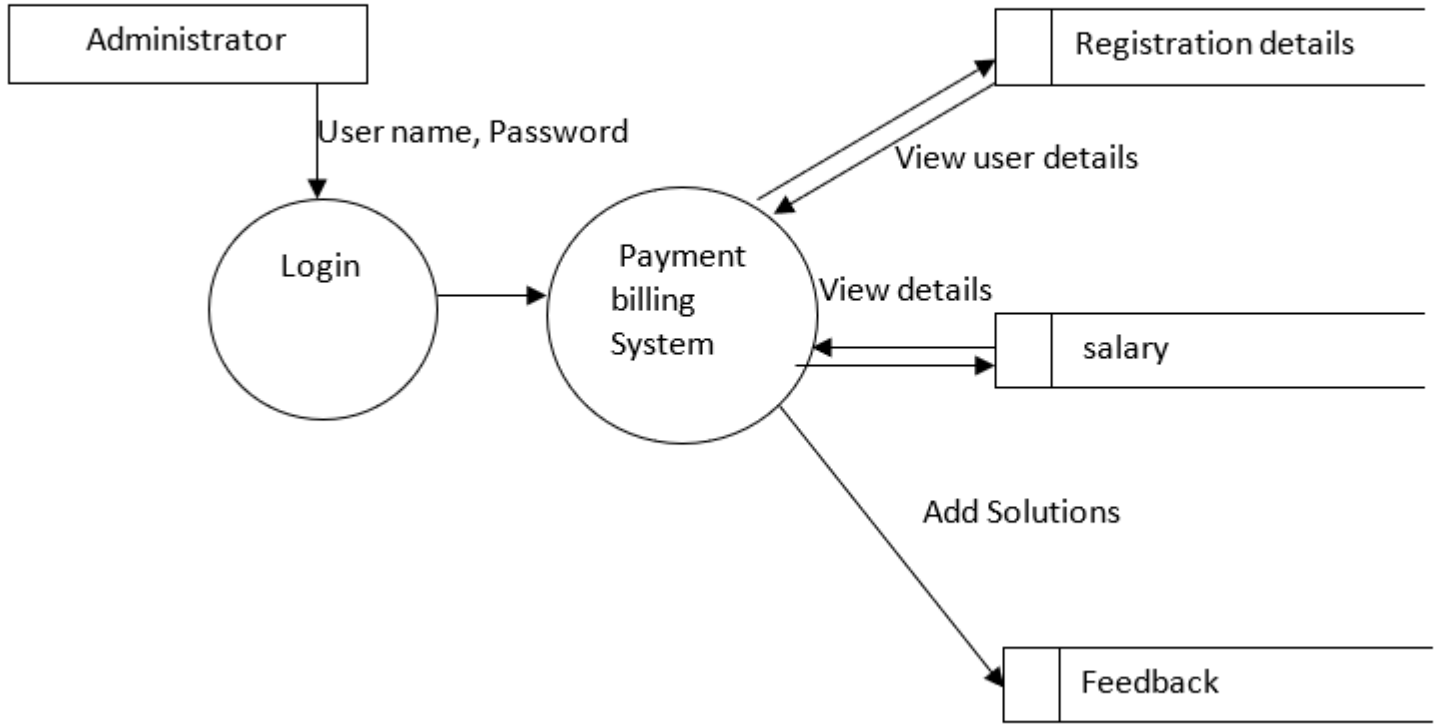
For The Admin:



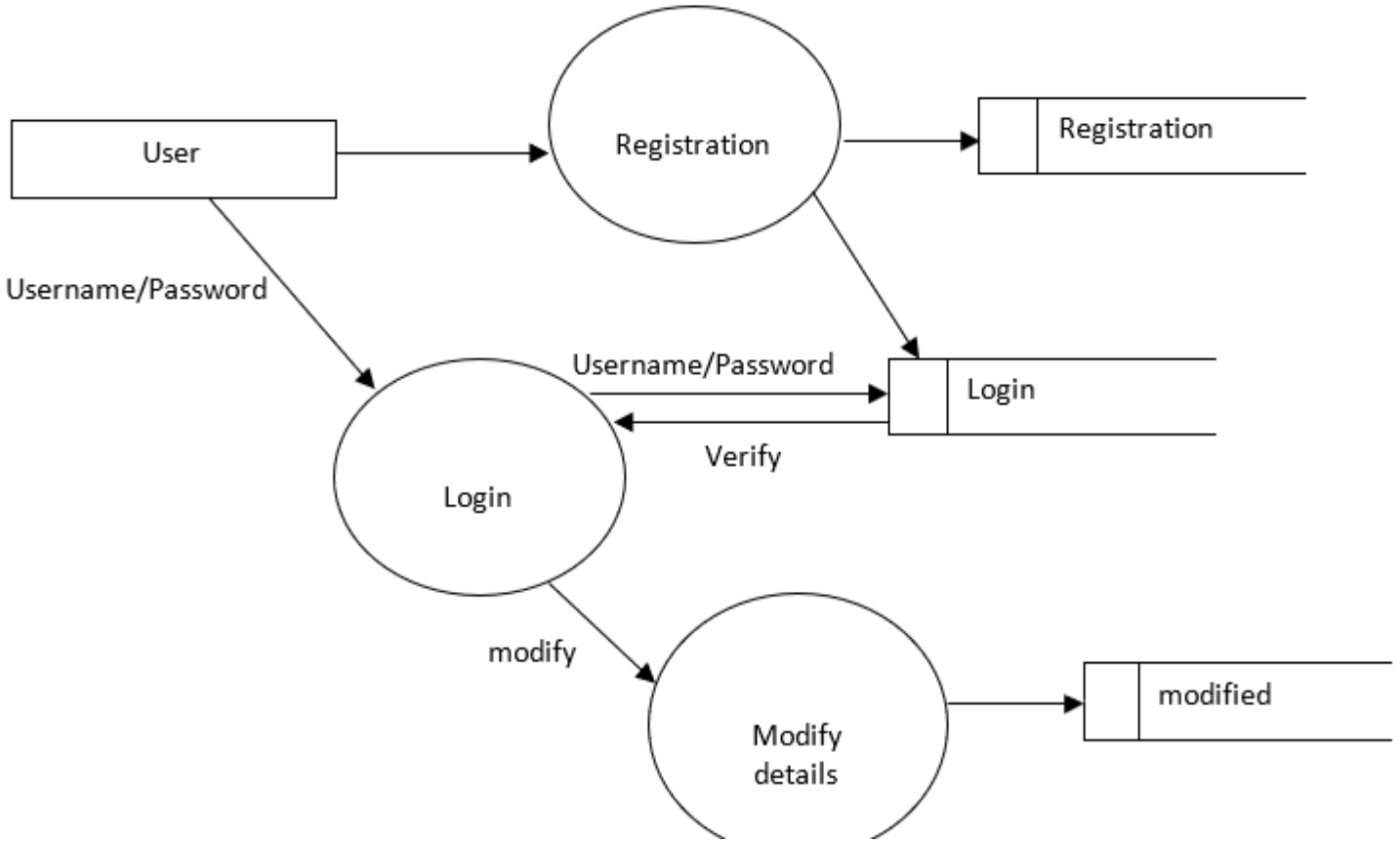
For the Accountant:



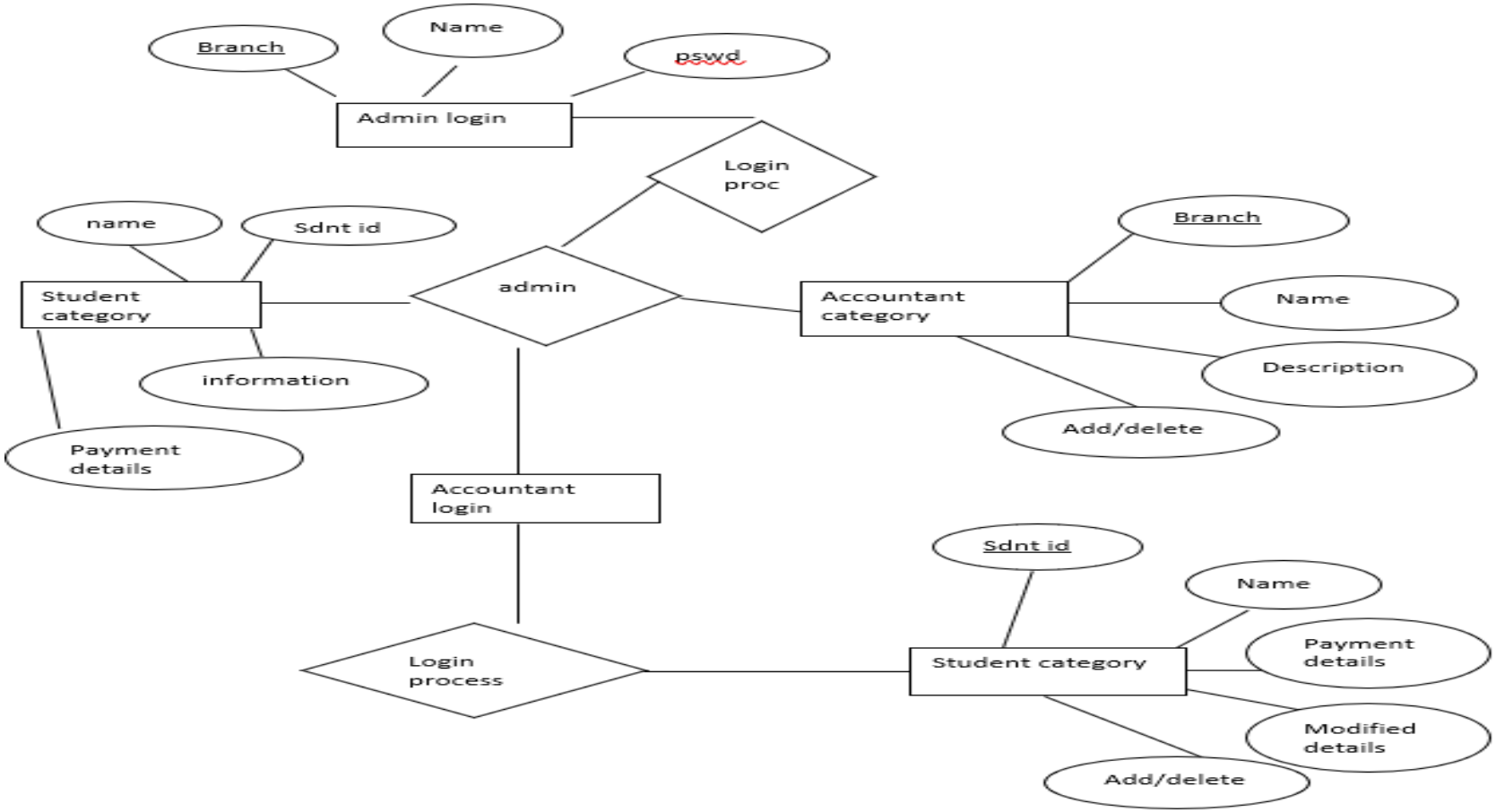
Level 1 DFD- Administrator



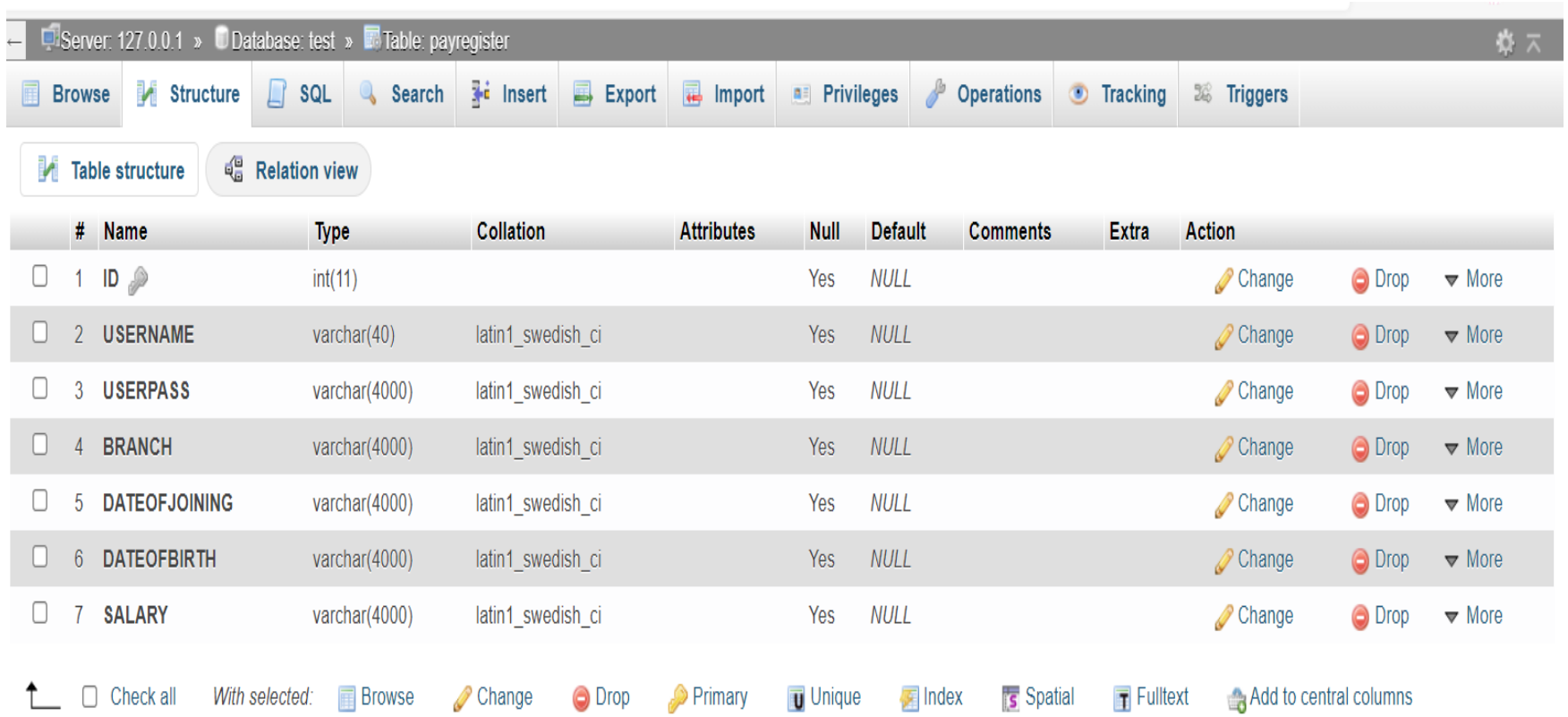
Level 1 DFD- Accountant :

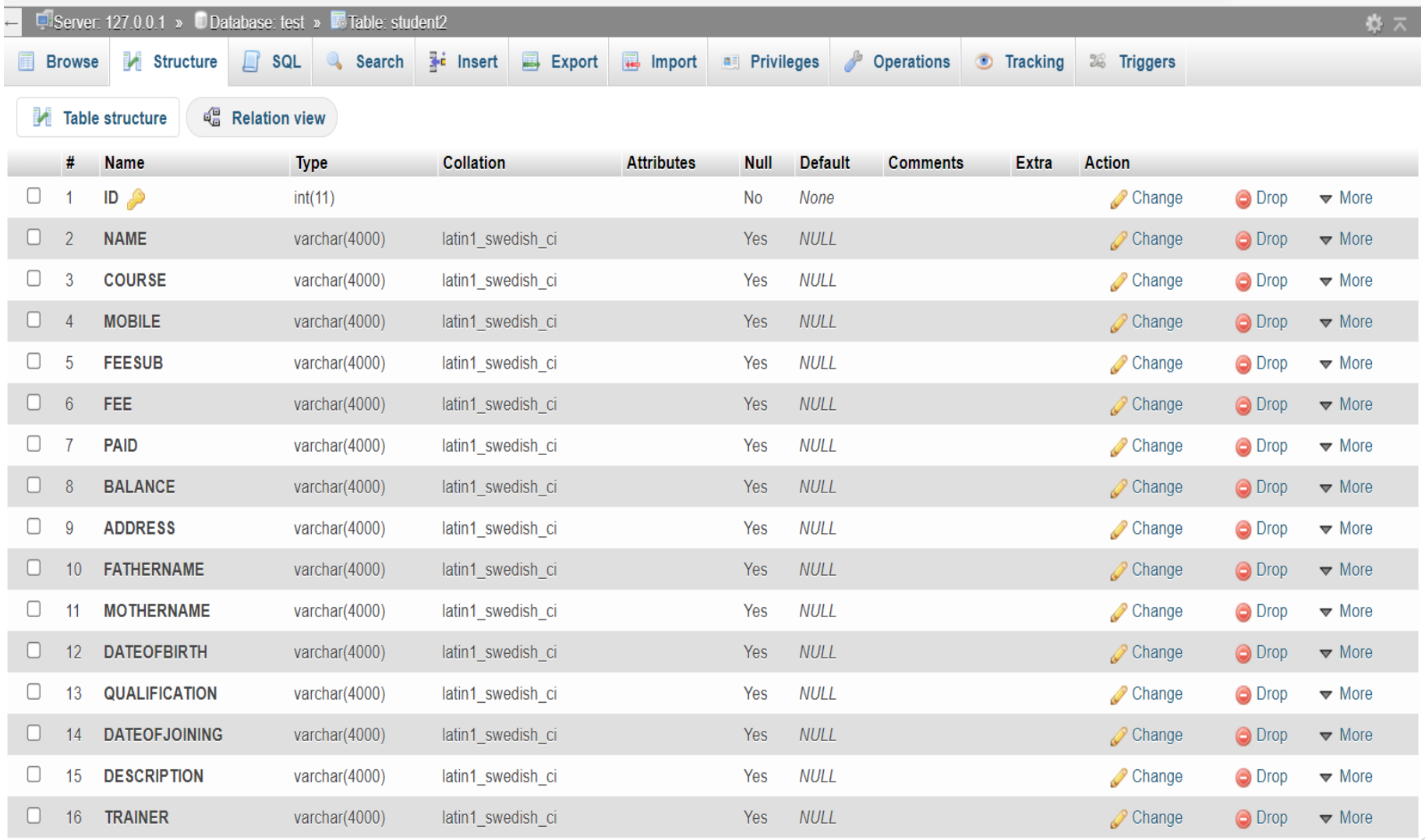


ER- Diagram


Branch
Name
pswd
Admin login
Login proc
name
Sdnt id
Student category
admin
Accountant category
Branch
Name
Description
Add/delete
information
Payment details
Accountant login
Sdnt id
Name
Payment details
Login process
Student category
Modified details
Add/delete

Tables Structures





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4	MOBILE	varchar(4000)	latin1_swedish_ci		Yes	NULL			Change Drop More
5	FEESUB	varchar(4000)	latin1_swedish_ci		Yes	NULL			Change Drop More
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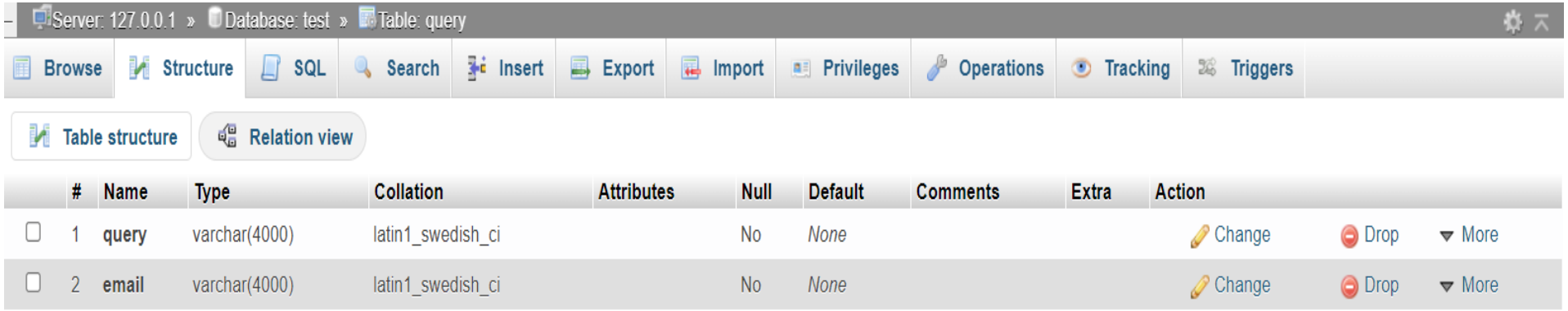
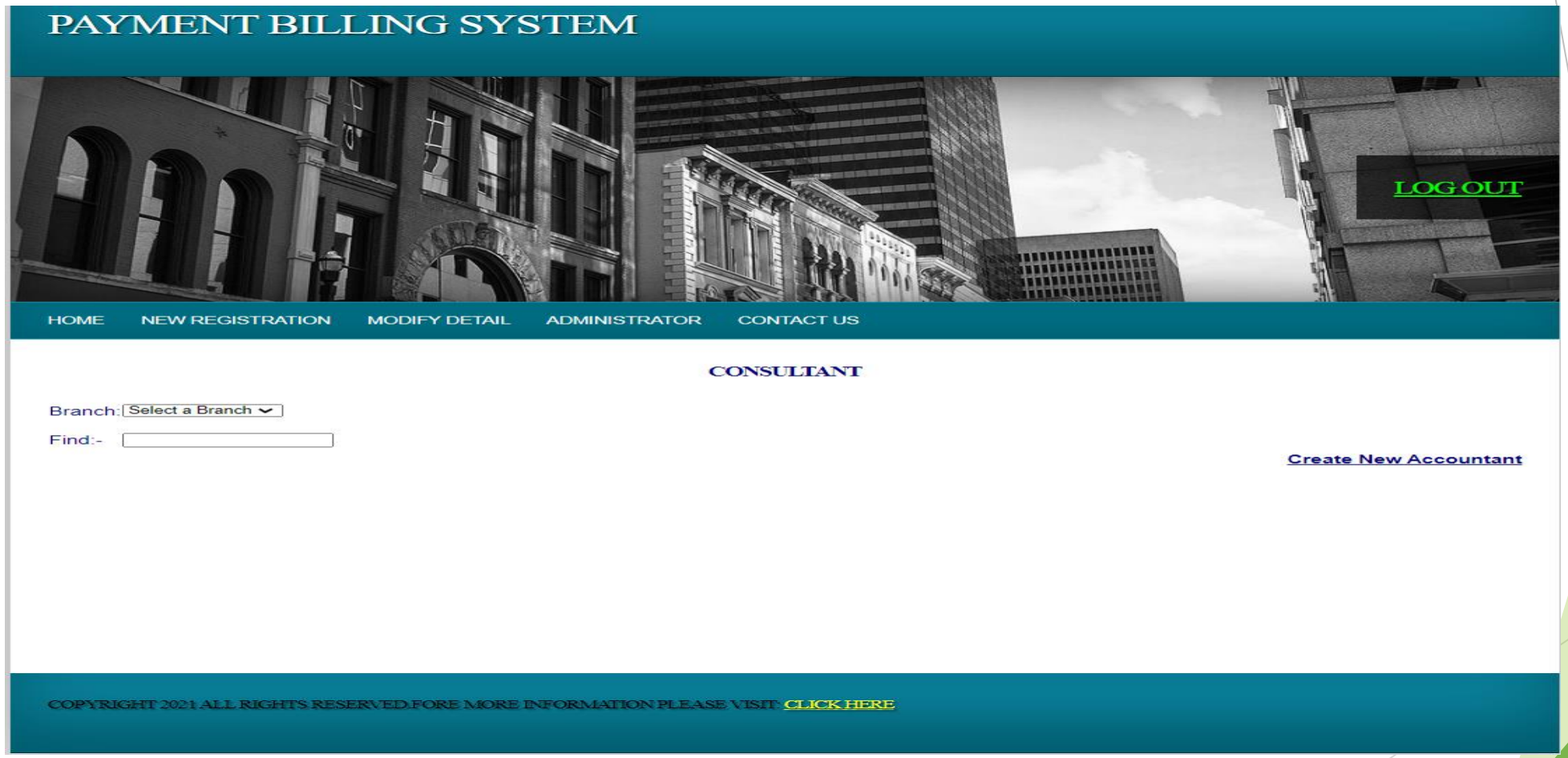

Server: 127.0.0.1 » Database: test » Table: query
Browse
Structure
SQL
Search
Insert
Export
Import
Privileges
Operations
Tracking
Triggers
Table structure
Relation view
Name Type Collation Attributes Null Default Comments Extra Action
1 query varchar(4000) latin1_swedish_ci No None Change Drop More
2 email varchar(4000) latin1_swedish_ci No None Change Drop More

Screenshots (Homepage)



Conclusion

- The project titled as “payment billing system is a web-based application. This software provides facility for, create, update and delete accountants details after login . it can search branch wise accountant. And also search all candidates studying in the various branches and can update and delete them

- The software is developed with modular approach. All modules in the system have been tested with valid data and invalid data and everything work successfully. Thus the system has fulfilled all the objectives identified and is able to replace the existing system.

- The project has been completed successfully with the maximum satisfaction of the organization. The constraints are met and overcome successfully. The system is designed as like it was decided in the design phase. The project gives good idea on developing a full-fledged application satisfying the user requirements.

- The system is very flexible and versatile. This software has a user-friendly screen that enables the user to use without any inconvenience. Validation checks induced have greatly reduced errors. Provisions have been made to upgrade the software.

Scope for Future Enhancement

- In future we can use photo reorganization instead of using heterogeneous database more over High speed, accuracy and non-redundant data are the main advantages of the proposed system.
- In the proposed system the user is provided with a choice of data screen, which are similar in formats to the source documents.
- Data entry errors can be minimized through validity checks. After the verification only the data are placed the permanent database.
- The software can be developed further to include a lot of modules because the proposed system is developed on the view of future, for example we should develop the system as a database independent using JDBC so we can connect it to any other database, Now the proposed system is based on PC and intranet but in the future if we need to convert it into internet then we need to change the front end only because we are developing this on the basis of OOP technology and most of the business logic's are bounded in the class files and module like reusable components.

Bibliography

BOOKS:

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ONLINE REFERENCE:

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- www.w3schools.com


Thank you!