

PROFESSIONAL TRAINING REPORT
at
Sathyabama Institute of Science and Technology
(Deemed to be University)

Submitted in partial fulfillment of the requirements for the award of
Bachelor of Technology in Information Technology

By

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REG. NO. 38120068



DEPARTMENT OF INFORMATION TECHNOLOGY

SCHOOL OF COMPUTING

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
JEPPIAAR NAGAR, RAJIV GANDHI SALAI,
CHENNAI – 600119, TAMILNADU

NOVEMBER 2021



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY **(DEEMED TO BE UNIVERSITY)**

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DEPARTMENT OF INFORMATION TECHNOLOGY

BONAFAIDE CERTIFICATE

This is to certify that this Project Report is the bonafide work of **Rohit V (Reg. No: 38120068)** who carried out the project entitled "**STUDENT APPLICATION FORM USING SQL**" under my supervision from June 2021 to November 2021.

Internal Guide

Name of the Guide: Dr Jabez, M.E., Ph.D

Head of the Department: Dr Subhashini, M.E., Ph.D

Submitted for Viva voce Examination held on _____

Internal Examiner

External Examiner

DECLARATION

I, **ROHIT.V** hereby declare that the project report entitled **STUDENT APPLICATION FORM USING SQL** done by me under the guidance of **Dr. Jabez** is submitted in partial fulfillment of the requirements for the award of Bachelor of Engineering Degree in Computer Science and Engineering.

DATE:

PLACE:

SIGNATURE OF THE CANDIDATE

ACKNOWLEDGEMENT

I am pleased to acknowledge my sincere thanks to **Board of Management** of **SATHYABAMA** for their kind encouragement in doing this project and for completing it successfully. I am grateful to them.

I convey my thanks to **Dr. T. Sasikala M.E., Ph.D, Dean**, School of Computing, **Dr. R. Subhashini, M.E., Ph.D. Head of the Department** of **Information Technology** for providing me necessary support and details at the right time during the progressive reviews.

I would like to express my sincere and deep sense of gratitude to my Project Guide **Dr. Jabez M.E., Ph.D.**, for his valuable guidance, suggestions and constant encouragement paved way for the successful completion of my project work.

I wish to express my thanks to all Teaching and Non-teaching staff members of the **Department of Information Technology** who were helpful in many ways for the completion of the project.

TRAINING CERTIFICATE



INT: RE20S069

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **ROHIT V** student of **SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, BTECH/IT** has undergone the Internship Training through online in our concern entitled **PHP&SQL** from **15th Aug 2020** to **29th Aug 2020** in relevant departments related to their academic studies.

During the above period, the performance was good & we wish great success in all your future endeavours.

A handwritten signature in blue ink that reads 'J. meru'.

Technology drives the world. We are the people who are behind the technology.

Authorised Signature



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ABSTRACT

TABLE OF CONTENTS

CHAPTER No.	TITLE	PAGE No
	ABSTRACT	i
1	INTRODUCTION	1
	1.21.1	1
	OBJECTIVES	2
2.	2.1	
3	SYSTEM ARCHITECTURE	2
4.	PROJECT IMPLEMENTATION	3
	3.1	4
	3.2	5
5	METHODOLOGY	6
	5.1	
8	SOURCE CODE	7
	8.1	7
	8.2	7
	8.3	8
	8.4	8
9	RESULTS	9
	9.1	9
10	CONCLUSIONS	10

Introduction

“STUDENT APPLICATION FORM” aims at developing student application form where we can easily store the details of a new student and retrieve the details of student .

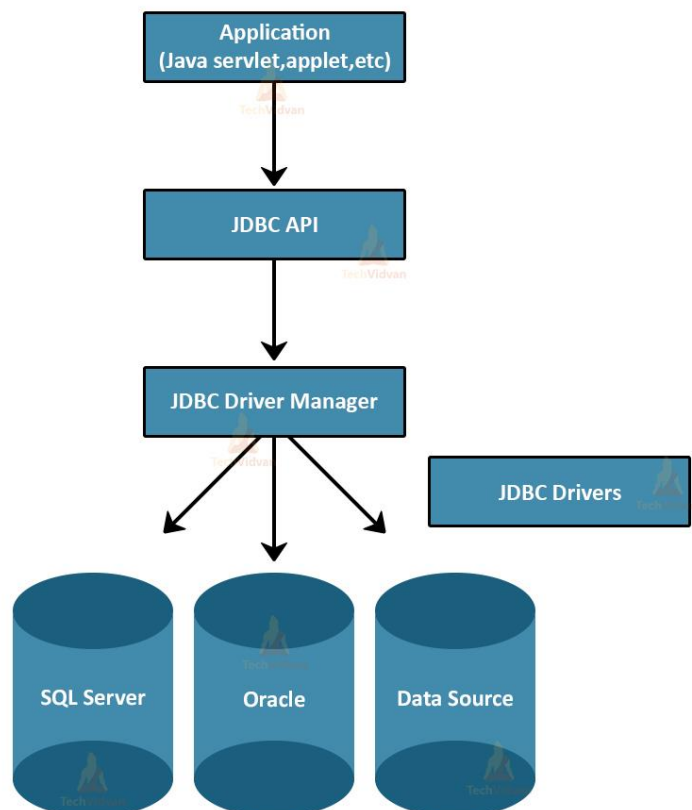
The assignment is very useful and proper validation is given for each field and hopes that the computerization of the student application form will reduce human stress thereby improving human resources

Objectives

The main Objective of this project is to improve the efficiency of the human resource and therefore reduce human stress

System Architecture

Architecture of JDBC



Project Implementation

First design your project either by Simulation or Calculation.

Define Modules.

Hardware and Software Requirements.

Construction or Fabrication.

Measurement and Analysis.

Interpretation of Results.

Modules

Modules

A. Form creation

B. Database connection

A. Form Creation

First we create a new project in NetBeans IDE with java and java applications

We design our form using the existing components and adjust the corresponding code .

We use 7 label fields,6 text fields and a button

The label fields are name of the form, student name,age,address,dob,phone,gender and mail id . We change the variable name of the text fields for future reference.

We implement a button field in the form which will compile and return the result once the button is hit or pressed.

B. Database Connection

We can download different servers according to our need

I've use derby server and apache 10.9.1.

This server has all the major requirements that is required to create a application

Once the project or the form design is completed its time for creating the database

In the services tab click on the database and create a new database

If that option is not available we should connect the serves we downloaded by clicking on the properties

And once the process is completed click apply and then ok

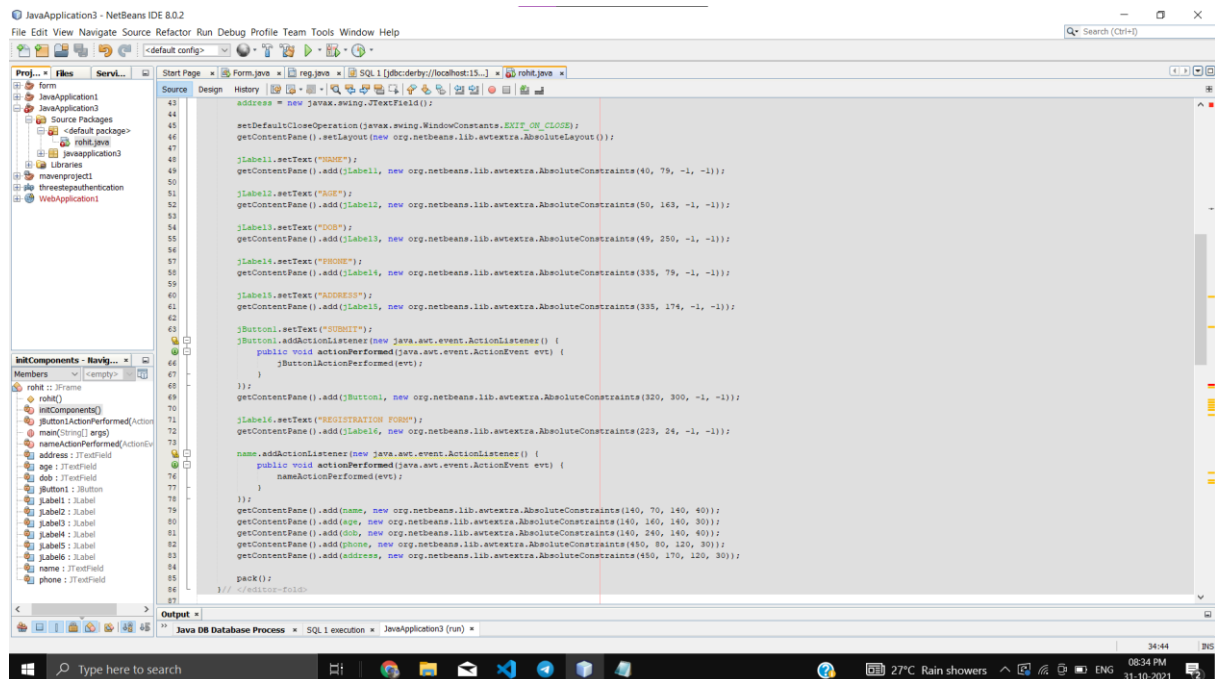
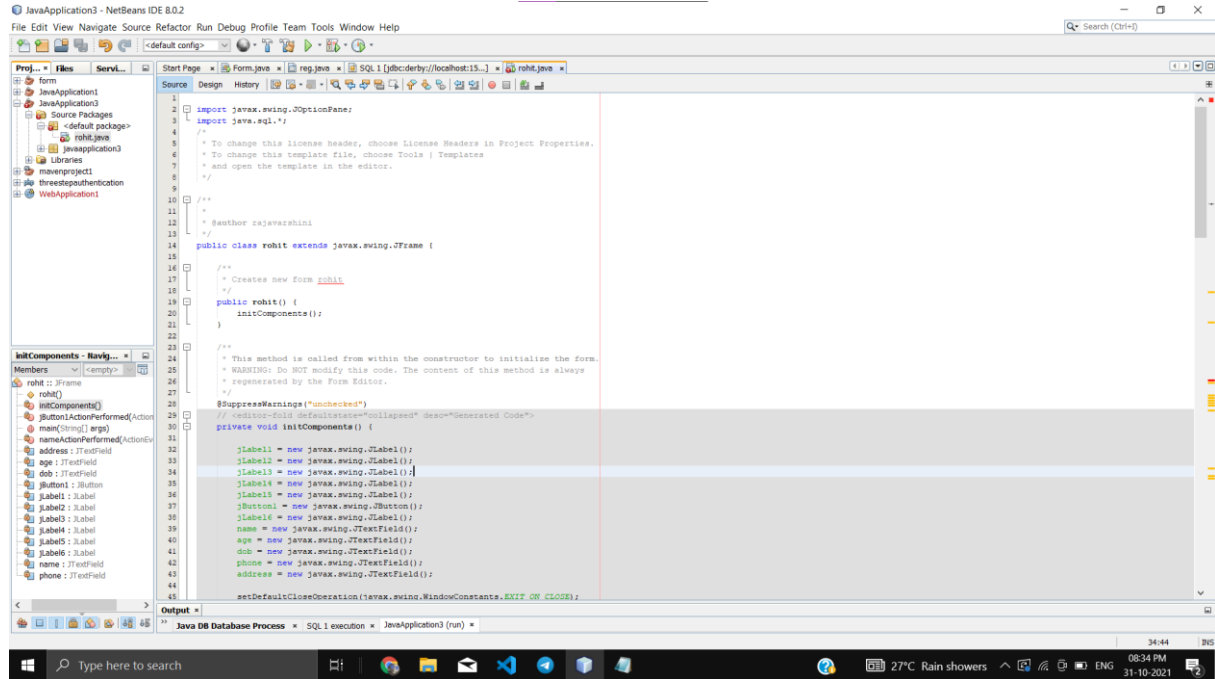
Methodology

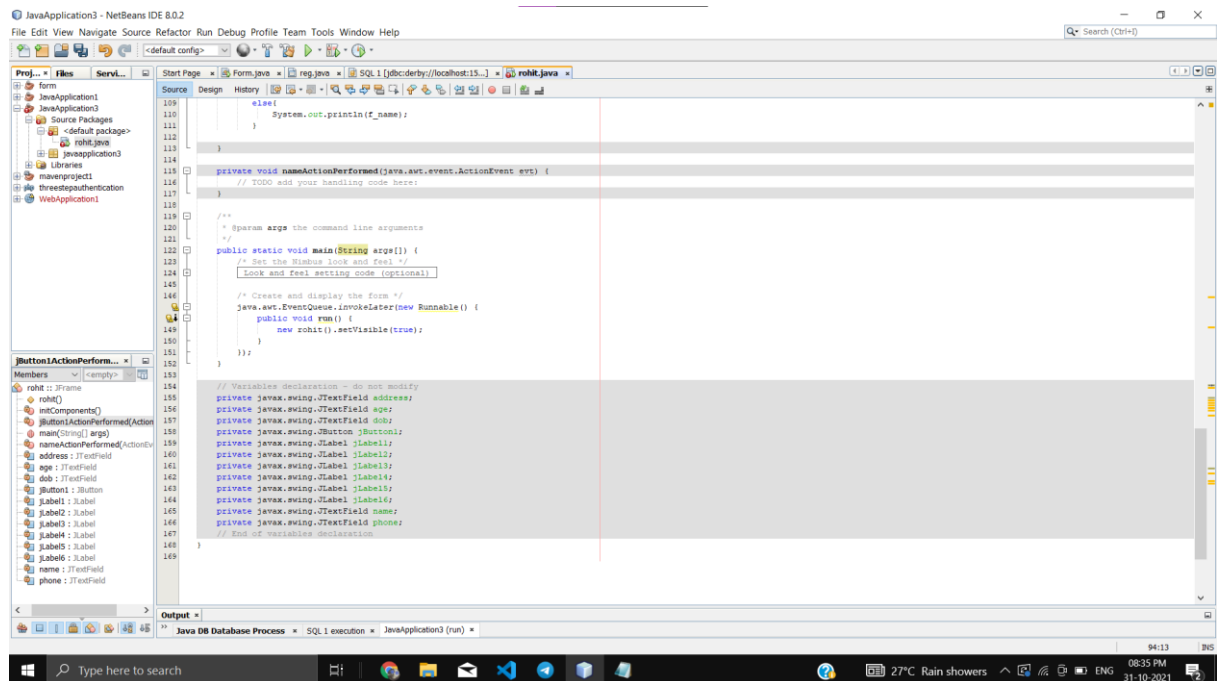
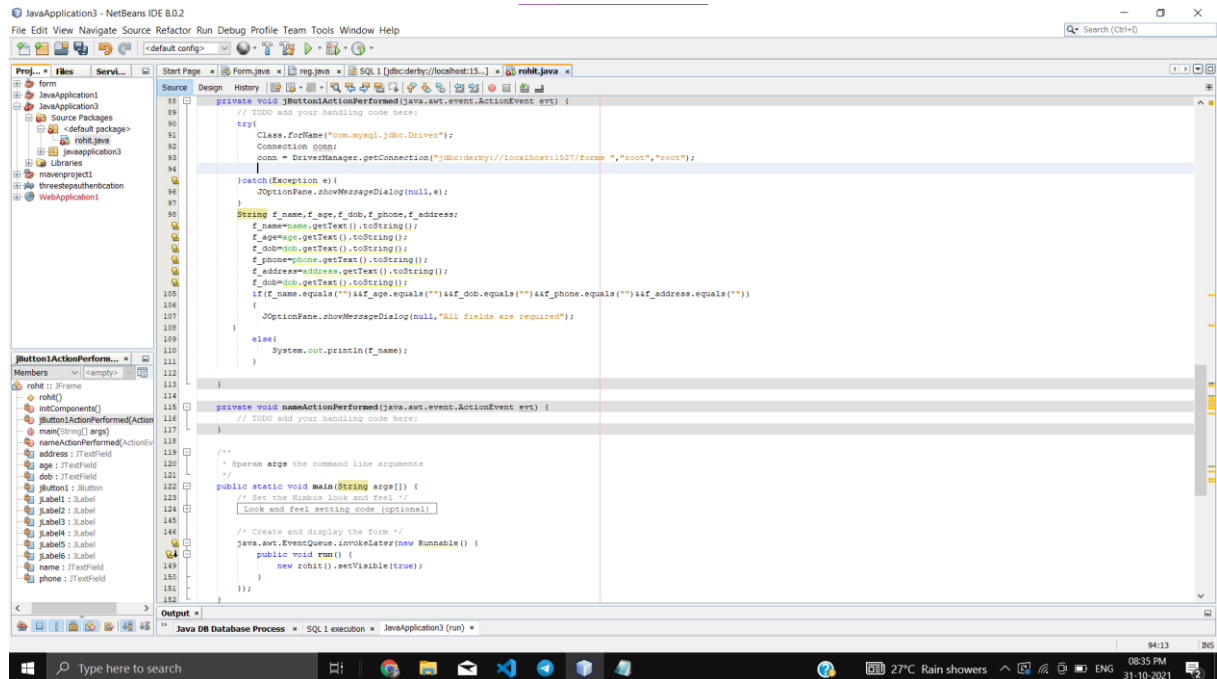
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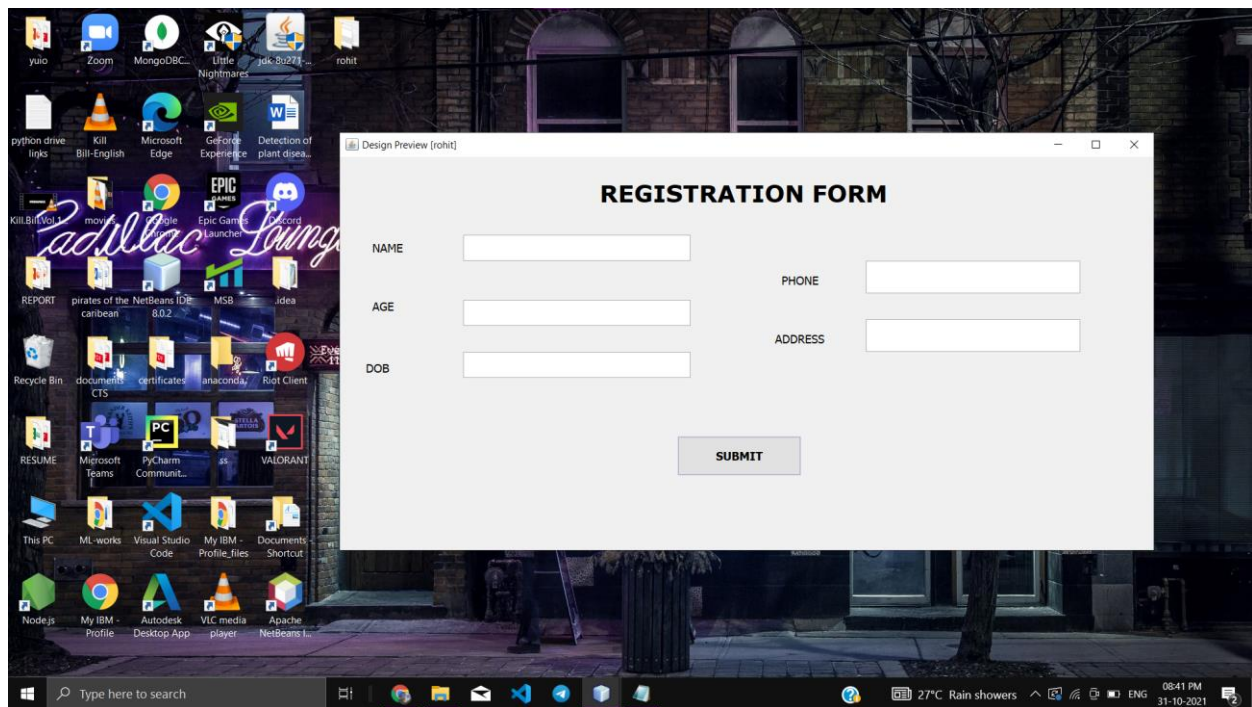
Source Code





Results and Discussion

The code was compiled In NetBeans IDE using apache and derby server and the registration form was generated successfully. The values were updated in the database



Conclusion

After we have completed the assignment we are sure that the problems in the existing system would overcome. The “STUDENT APPLICATION FORM” process made computerized to reduce human errors and to increase the efficiency.

The problems, which existed in the earlier system, Have been to a large extent, And it is expected that this assignment will go a long way in satisfying student's requirements.