A Mini Project
Synopsis on

Visa Processing System

S.E. - I.T Engineering

Submitted By

TEJAS PATIL	20104123
KANAN SANANSE	20104125
SHRUTI PINJARKAR	20104016
SANSKRUTI RAWAL	20104020

Under The Guidance Of

Prof. Vidya Shet

DEPARTMENT OF INFORMATION TECHNOLOGY

A.P.SHAH INSTITUTE OF TECHNOLOGY

G.B. Road, Kasarvadavali, Thane (W), Mumbai-400615

UNIVERSITY OF MUMBAI

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CERTIFICATE

This to certify that the Mini Project report on **VISA PROCESSING SYSTEM** has been submitted by Tejas Patil (20104123), Kanan Sananse (20104125), Shruti Pinjarkar (20104016) and Sanskruti Rawal (20104020) who are a Bonafede students of A. P. Shah Institute of Technology, Thane, Mumbai, as a partial fulfilment of the requirement for the degree in **Information Technology**, during the academic year 2021-2022 in the satisfactory manner as per the curriculum laid down by University of Mumbai.

Ms. Vidya Shet

Guide

Prof. Kiran Deshpande

Head Department of Information Technology

Dr. Uttam D.Kolekar

Principal

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Introduction:

A Visa is a document issued by a country giving a certain individual permission to enter the country for a giving period of time and for a certain purposes. A Visa Processing System is basically the process of applying visa. A visa is a conditional authorization granted to a foreigner that allows them to enter, remain within, or to leave its territory. Visas typically include limits on the duration of the foreigner's stay. Visas are associated with the request for permission to enter a territory and thus are, in most countries, distinct from actual formal permission to enter and remain in the country. Now most of the countries no longer issue physical visa evidence. Admin empowered to permit or reject visa. Today, travellers wishing to enter another country must often apply for e-visa rather than a offline visa .Admin is able to see the details filled by the applicant.

The project " Visa Processing System" is an automated system. process of applying visa. There are so many visa types provided such as Business visa , Medical visa , Student visa , Tourist visa. Normally, a visa applicant needs to fill an application form which is available at the website of his/her destination country and enter all required information. The class of visa is determined by the purpose of travel .The Visa Processing System has all the required options, which can be utilized by the user to apply for visa. The software is developed using Java as front end and PostgreSQL as back end in Windows environment. Major principle of this project is to analyze the problem and admin will give required solution. Other objective of this is to make visa processing easy as well as the applicant can apply for visa conveniently from any place.

Module 1 consists of three pages which includes admin page , registration page , user login page . User login page consists of username and password . Registered user can login into the visa processing system by adding his username and password and new user can click on new registration for creating an account. Following are the details that the new user has to fill to create an account: First Name , Last Name , Email-id , Contact Number Username and password. These details will be saved in database.

1.1 Purpose:

The main purpose is to develop a system in such a way that works in an automated way. It is use to store and maintain the information for visa applicant. This Visa Processing System will speed up the time required to get the visa. An e-visa is a smooth and hassle-free process It will be helpful to get E-Visa for aspiring applicants all around the world. In Proposed system, the system has feasibility for the applicant to apply and submit the visa application through online. It is an automated system; the applicant can apply for the visa at any time from any place. The list of visa applications given by the applicant. Accept/Reject the applications etc. Visa processing system (VPS) is web-based tool to reduce communication gap between admin and applicant. Especially in fast growing IT market technologies are changing very fast, based on technology it reduces manual process of visa processing. This process will make visa processing very easy, fast and by one sitting the applicant can apply for visa and can check the status of visa regularly.

1.2 Objectives :

The main objective of the application is to automate the existing system of manually maintaining the records of the applications. The process of the visa and storing all the details regarding the passport holder is carried. This generates the status of visa. It provides instant access of required report for admin as well as user. Improved productivity and better utilization of available resources .Use of this system makes the visa processing operations simple and quick. Use of visa processing system reduce processing time and getting required information. It is cost saving and also time saving. The system has feasibility for the applicant to apply and submit the visa application through online. It is an automated system; the applicant can apply for the visa at any time from any place.

1.3 Scope:

It is easier to operate for the user .Visa processing system allows the applicants to easily apply for visa's. It is more flexible to applicant's like the amount of time . Time can be reduced and the applicant can apply for visa conveniently from any place, because of the online support by this system applying for visa has become an easy process for all applicants. Can apply for different types of visa. This system manages the whole process of the visa request until final approval.

The users can directly initiate the online visa process by filling the online visa form while the backend processes include processing of visa requests. . In the proposed Online Visa Application Processing System we have tried to reduce paper work and make execution process fast by computerizing the manual work done.

The system will provide an effective means to manage the information and to apply for a visa, user can also make online payment through the system for visa and can check the status of the visa. If due to any reason the visa is not approved it will provide a solution for visa approval. With e-Visa, requests are submitted via a secure application portal which can be accessed 24/7. User friendly screens are provided.

Chapter 2

Problem Definition:

The old manual system used to take much more time than this online visa system. Users had to submit all the documents manually which is not possible for all . User face problem to access their data while filling visa form. Users where unable to find out why their visa didn't get approved. The storing of application was manually done maintaining the records of the applications is not an easy task.

For applicants and government authorities alike, time and money are wasted on clumsy and frustrating paper-based systems. A applicant applying for a visa has to fill out the necessary paperwork and then either send it back by mail or physically take it to the destination state's local embassy or consulate. The embassy or consulate will then process the request, review the documents provided and send the approved visa back to the applicant.

The problem is to overcome the manual Visa processing which can be done by the use of technology and automation. It reduces the overall time consumed thereby increasing the efficiency. The problem involves paper work. But system eliminates paper work. Difficulties in tracking the user details and visa status details is reduced.

Chapter 3

3. Proposed System :

The visa processing system will increase the efficiency of the system by automating the visa processing task. This will increase the speed of accessing the details regarding the visa with reduced amount of error in the information.The visa processing system will manage the information and will show the status of visa whether approved or not. Hence the system will provide an effective means to manage the information and to apply for a visa, make online payment through the system for visa and can check the status of the visa. If due to any reason the visa is not approved it will provide a solution for visa approval. The authorized person can check this application for eligibility criteria and approve or disapprove it. Similar case with the visa renewal application. They can apply for visa renewal online. Through the use of this 100% paperless application, the visa process is simplified. The applicant is given the apply for visa option after login in which he/she has to enter their details and select the type of visa they want to apply for.

The applicant is then directed to the page where the applicant has to enter details required for that particular visa type. Then the applicants are given a separate option on dashboard to pay online for visa and then after the payment is successful the applicant can track the status of visa.

3.1. Features and Functionality :

The System's entire work flow through the visa facilitation process. It will create and maintain a knowledge repository for visa details. A user can assign role based access rights thereby ensuring unauthorized user is unable to access crucial or confidential informations. The admin is the only user with complete access to the system while others will be designated limited access as per their defined roles . The customers can directly initiate the online visa process by filling the online visa form while the backend processes include processing of visa requests. Direct applicants can apply for visa online and can also keep track of visa status. The software is designed to accept bulk visa request. Through the use of this 100% paperless application, the visa process is simplified.
The applicant information is captured by the systems and stored in its database. Admin has the option to approve or reject the visa application. User is given option to check the visa status and also know the reason if application is rejected.

Modules:

- User registration
- User login
- Application of visa
- --- Visa type
- --- student visa
- --- business visa
- --- medical visa
- --- tourist visa
- Payment portal
- Status of visa

Chapter 4

Project Outcome:

1. User can register or login to access the system.
2. One can add, update or delete details .
3. One can apply for visa easily.
4. The user can keep an check on visa status.
5. The user will be able to manage the processed visa efficiently and economically.
6. User will be able to modify the data as he/she wants.
7. User will be able to pay online for visa and the track the status of visa.
8. Admin will be abe to reject or approve the visa.
9. User’ s details are stored in database.

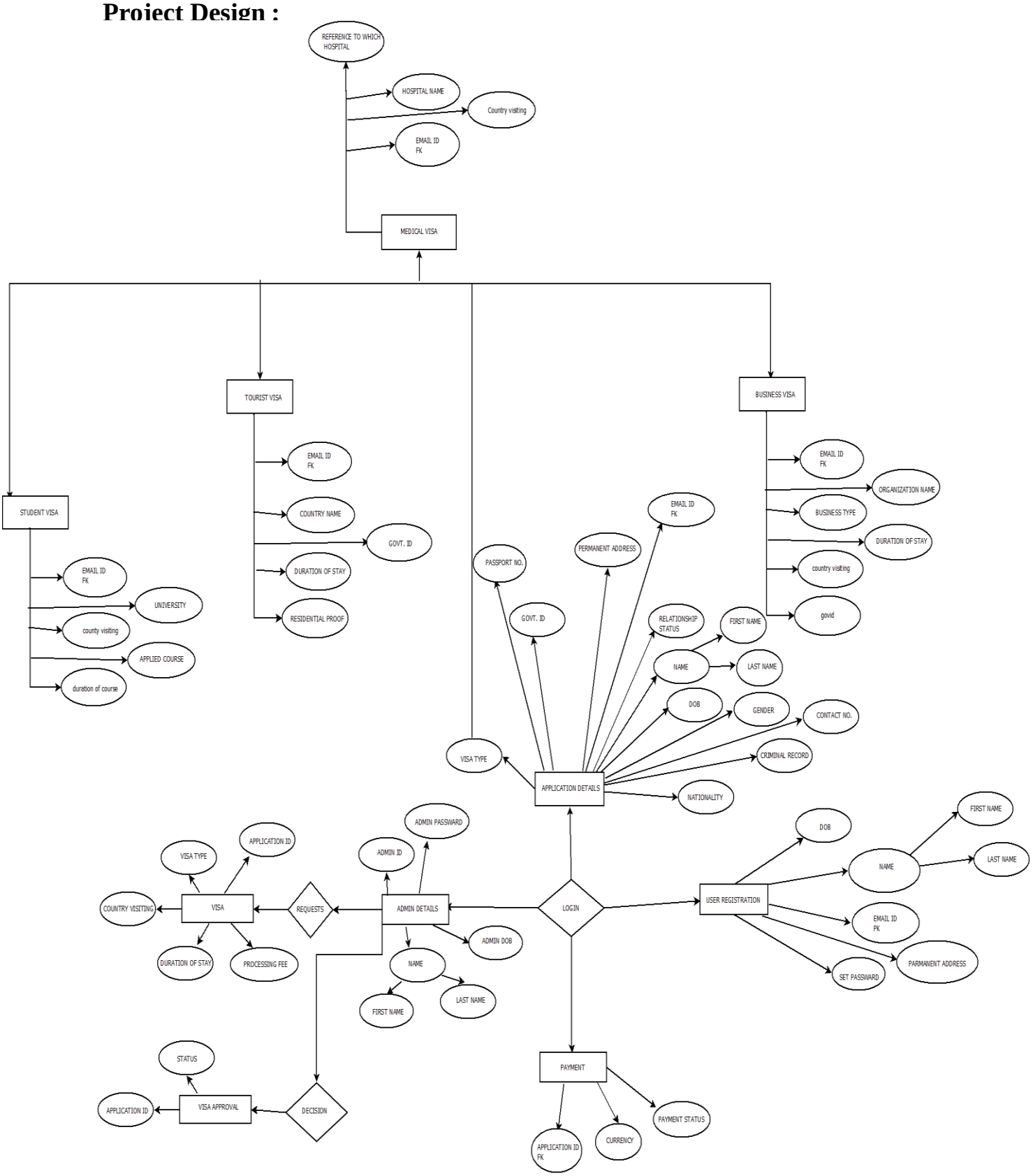
Chapter 5

Software Requirements :

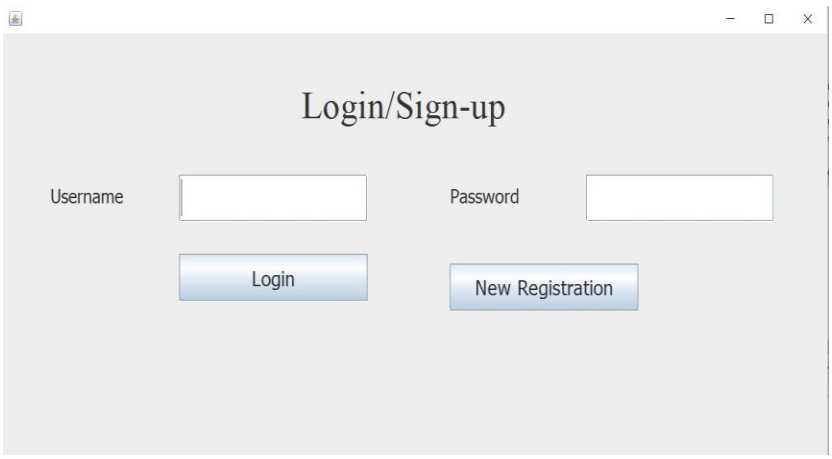
- Front End :- Java.
- Back End :- mySQL

Chapter 6

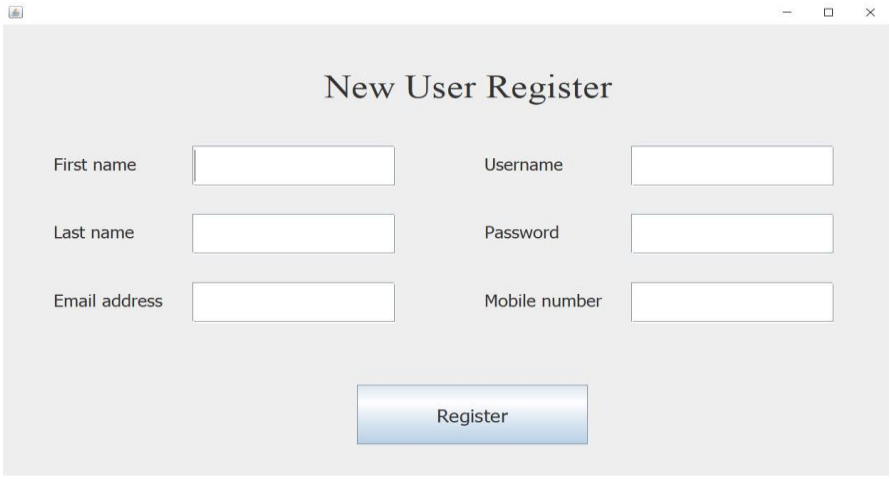
Project Design :



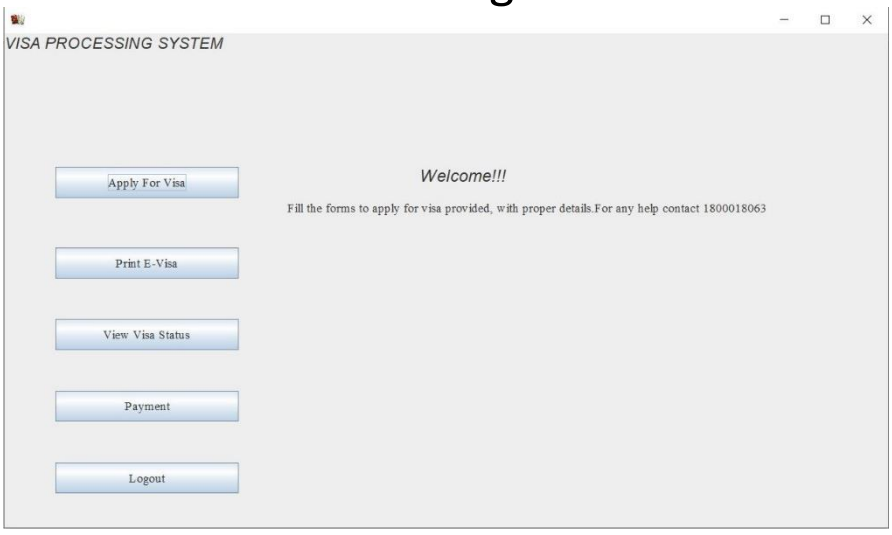
User Interface Design



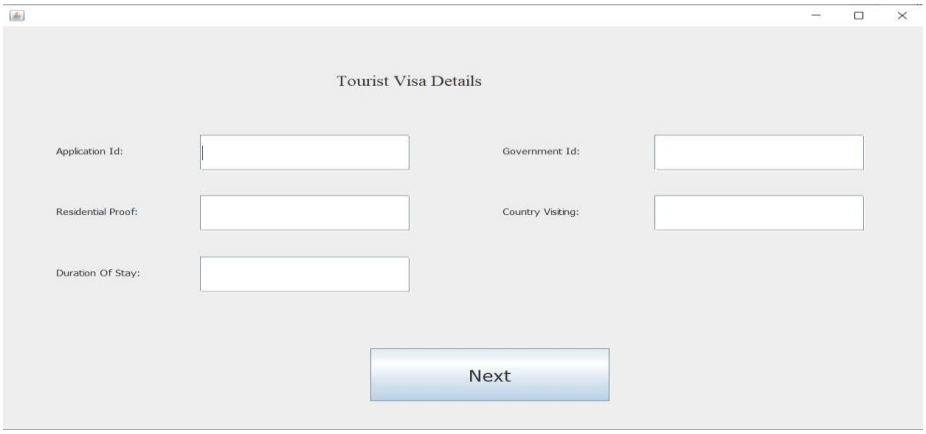
Login/Signup



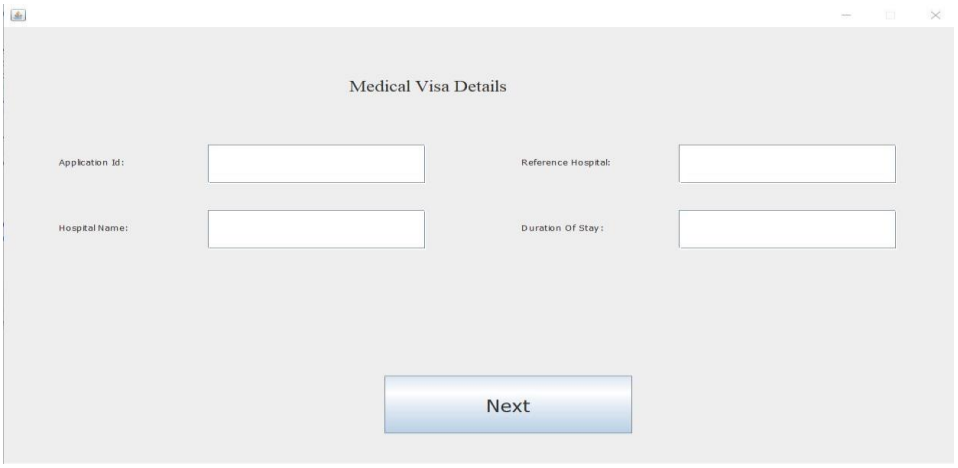
New User Registration



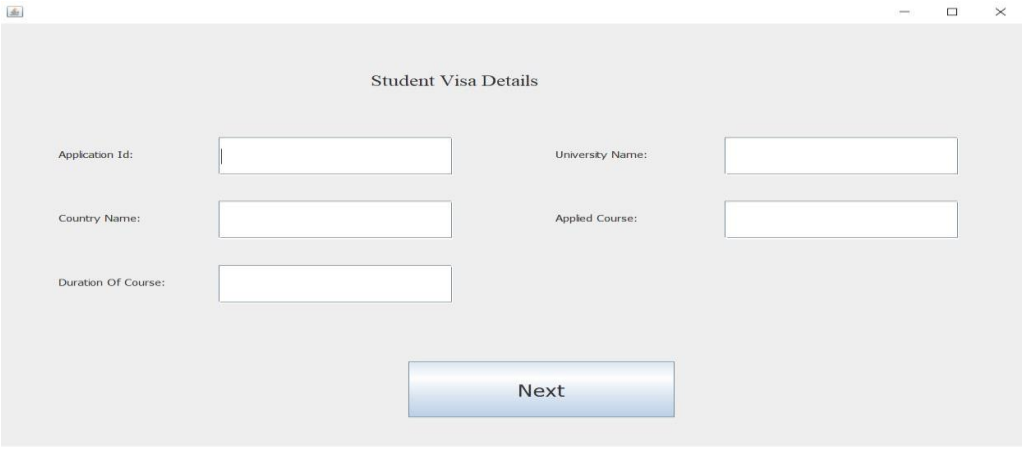
User Dashboard



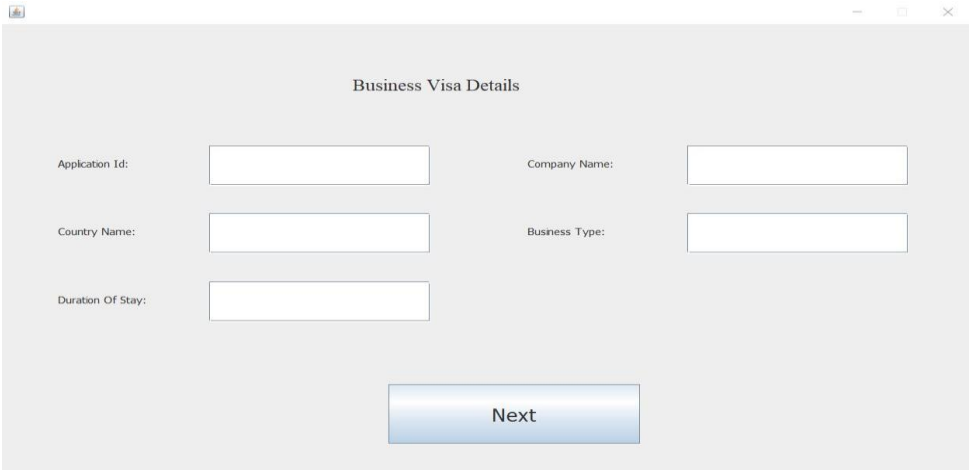
Tourist Visa



Medical Visa



Student Visa



Business Visa

Chapter 7

Project Scheduling Template

Sr. No	Group Member	Time duration	Work to be done
1	Tejas Patil	3rd week of September	Implementing 1st and 2nd module (Designing the sign up and sign in page and after login the admin will enter the main page)
		4th week of September	Testing 1st and 2nd module
2	Shruti Pinjarkar	3rd week of October	Implementing 3rd module functionality (designingnext page/ functionality:hereare pages and visa types that user can select)

3	Sanskruti Rawal	4th week of October	Implementing 3rd module functionality (The page of different types of visas and its database.)
4	Kanan Sananse	1st week of October of November And 2 nd week of November	Implementing 5th module (the page of tracking the visa status and its database.) Database connection

Chapter 8

Conclusion:

The Visa Processing System is tracking the visa transactions of the user , which provide customized solutions to meet the users needs.

This system has been computed successfully and was also tested successfully by taking test cases.

It is user friendly, and has required options, which can be utilized by the user to perform the desired operations.

The software is developed using Java as front end and PostgreSQL as back end in Windows environment.

The goals that are achieved by the software are:

1. Instant access.

2. 2. Improved productivity.

3. Optimum utilization of resources.

4. Efficient management of records.

5. Simplification of the operations.

6. Less processing time and getting required information.

7. User friendly.

8. Portable and flexible for further enhancement.

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