

E-VISA PROCESSING AND FOLLOW UP SYSTEM

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ABSTRACT

The proposed “E-Visa Processing System” project is an automated system. It describes the visa application process. The government offers several types of visas, such as H1 visas and dependent visas. To obtain a visa, the issuance of a visa is a very objective and not subjective decision. Each visa officer has a checklist of requirements that applicants look for when applying for a visa. If the conditions are met, the applicant will be granted a visa. Otherwise, candidates are not eligible. How these prerequisites are met makes visa decisions seem subjective. The objective of the project is to demonstrate how an online visa processing management system can be faster and more efficient than the current system. We describe the visa management system workflow and data flow in detail in this report. The project is an important part of a larger border management system that monitors the identity of travelers entering or residing in a given country. The project will process various types of visas and generate reports on applicants to determine their visa eligibility.

Keywords: Visas, Applicant, Generate Report.

I. INTRODUCTION

Visa Management in an indispensable part of service-oriented applications. It is utilised by visa offices to automate the processes like visa application, information processing and issuing of visa. It is the key component in enhancing the security, efficiency and most of all convenience of the process.

In this project we have worked on several components of a visa management system. These elements are partitioned into three broad categories based on the clearance and role of the person.

There are three categories of users accessing management system:

1. HR Manager: Administrator of the site, deal with the chiefs of the framework, the supervisor can add, erase and refresh the HR leaders.
2. HR Executive: It supervise the course of candidate application.
3. Applicant: User/customer applying for the visa.

Depending on these categories, features are made available. Components include:

1. Visa application: Applicant data submitted to the portal.
2. Visa status: Report about the application whether it is accepted, rejected or under processing.
3. Visa renewal: Application about renewal of existing visa.
4. Visa enquiry: Customer service portal for queries.
5. Assign HR executive: Portal for HR manager for adding, removing or update HR executives.
6. Report: Details of applicant report status.

The Visa Processing System (VPS) is a web-based tool that helps bridge the communication gap between the Visa Officer and the Applicant. Technology, particularly in the rapidly growing IT market, is changing at a breakneck pace; based on technology, it reduces the manual process of visa processing. This process will make visa processing very simple and quick, and the applicant will be able to apply for a visa, fill out an i20 form, and check the status of their visa in one sitting.

The main goal of this solution is to make visa processing as simple as possible. This system is designed with both parties, such as visa processing officers and applicants, in mind. The system enables applicants to apply for visas, i20 forms, and so on.

II. OBJECTIVES AND METHODOLOGY

IMPLEMENTATION

MODULES:

- Administration Module
- Visa Processing Module
- Communications Module

- Report Processing Module

MODULES DESCRIPTION:

Admin Modules:

- This module is controlled by HR Managers. The Human Resources Manager is responsible for controlling the visa processing process assigned by the Human Resources Manager. It is the job of the HR manager to create new HR managers and provide employees/officers with their username and password. The HR manager details will be stored in the employee database. HR managers can review customer requests for new visas or renewal of existing visas and generate request status reports and outcome reports.
- The Human Resources Manager has authority over the Human Resources Manager. They can view application entries, application details, results details, arrival and departure details on the spot.

Visa Processing Module:

This module is considered the main module. It manages the submission of application details, passport details, early access and its travel details. These processes are led by HR managers. When applicants apply for a visa, their application will be reviewed and interviewed at the consulate.

These details are stored in this module, and the final results are also fed into this module.

Communication module:

This module contains information such as the date the applicant's visa was issued, the date of the flight, the number of days out of the country and the date of return. This data will be entered by the human resources manager. Applicant's details, such as why they need a visa and visa renewal application. Candidate renewal requests are reviewed by the Human Resources Manager. Applicants can only view their visa renewal information and visa processing status in this module.

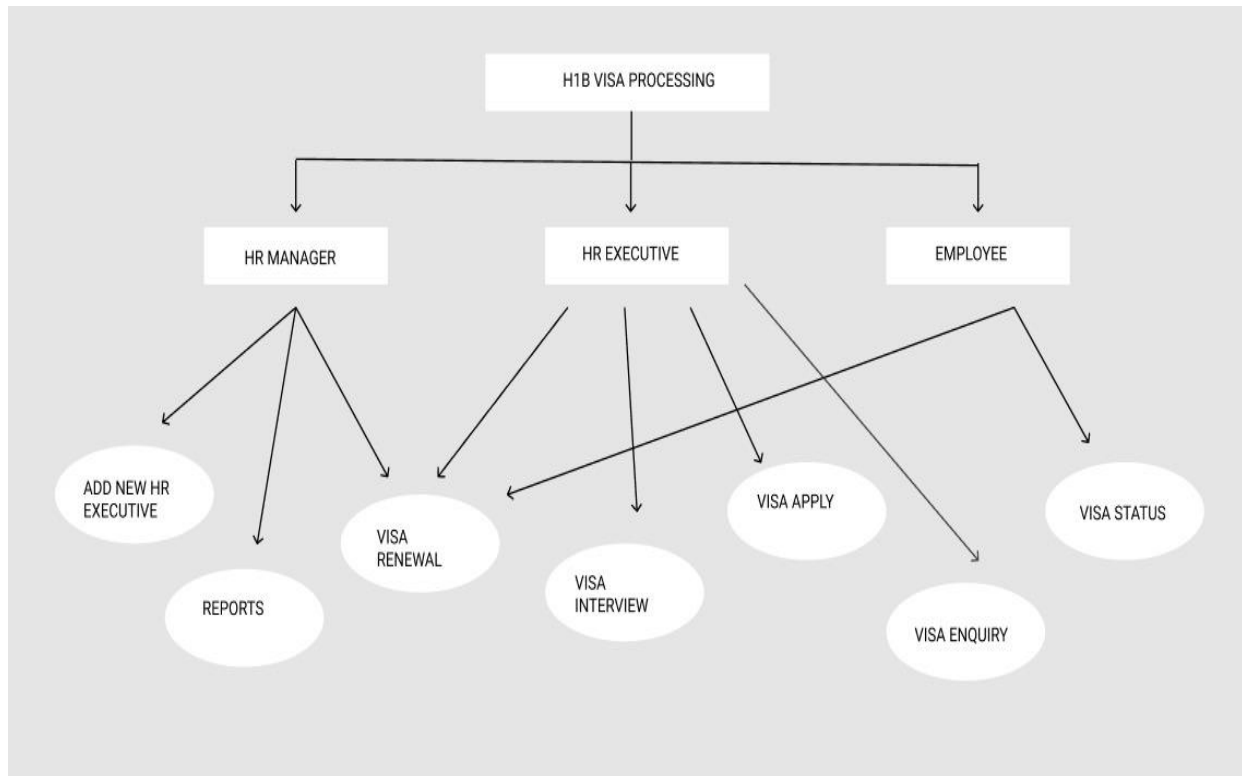
Report Management Module:

This module manages candidate application status reports processed by HR managers.

III. EXPERIMENTAL PROCEDURE

SYSTEM DESIGN:

SYSTEM ARCHITECTURE:



IV. SYSTEM REQUIREMENTS

HARDWARE:

System:	Pentium i3
Processor Hard Drive:	500GB
Display:	15 inch LED
Input Devices:	Keyboard, Mouse
Memory:	2GB

CONFIGURATION SOFTWARE REQUIRED:

Operating system:	Windows 4VA.410
Tools:	Netbeans 8.2

V. RESULTS AND DISCUSSION

SYSTEM ANALYSIS

EXISTING SYSTEM:

- Most existing visa administration systems rely on manual labor. Visas are generated manually at the visa office. Applicants must submit hard copies of the documents to the visa office, which will store the documents in a local warehouse.
- HR Manager appoints HR Manager to manage candidate data. This manager is responsible for receiving the application files from the warehouse and adding their work (results and eligibility checks) to the application file.
- The application is then accepted or rejected the candidate's qualifications.

PROPOSED SYSTEM:

- In this project, we investigated the shortcomings of existing hand models. We use software-based systems to improve process efficiency, reliability, security and convenience.
- The Visa Processing System (VPS) is a web-based tool that helps bridge the communication gap between visa officers and applicants. Technology, especially in the growing computer market, is changing at an alarming rate; based on technology, it reduces the manual process of visa processing. This process will make visa processing very easy and fast, and applicants will be able to apply for a visa, complete the i20 form and check the visa status all at once.
- The system is designed with both parties in mind, such as visa processors and applicants. The system allows applicants to apply for visas, i20 forms and more.

ADVANTAGES OF PROPOSED SYSTEM:

- The proposed system has automated manual processes such as visa applications, status checks, visa applications, decrees, document transfers, etc.
- In general, automation leads to a faster pace.
- It reduces the workload associated with transferring and storing files.
- This eliminates any errors in the application process.
- All changes to application data can be tracked and all updates are reflected on the network almost immediately.
- The online application portal facilitates the visa application for any user.

VI. CONCLUSION

The Visa Processing Information System is a webbased application for tracking visa transactions of visa processing companies, providing customized solutions to meet business/client needs. It is user-friendly and has the required options with which the user can perform operation. The software is under Windows environment with Java as front-end and MySQL as back-end.

What this software does are:

- Immediate access.
- Increased productivity.
- Optimal use of resources.
- Effective case management.
- Simplified operation.

- Reduce time and get the information you need.
- User friendly.
- Portable and flexible, still needs to be improved.

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