


# Final year project: VISA PROCESSING SYSTEM



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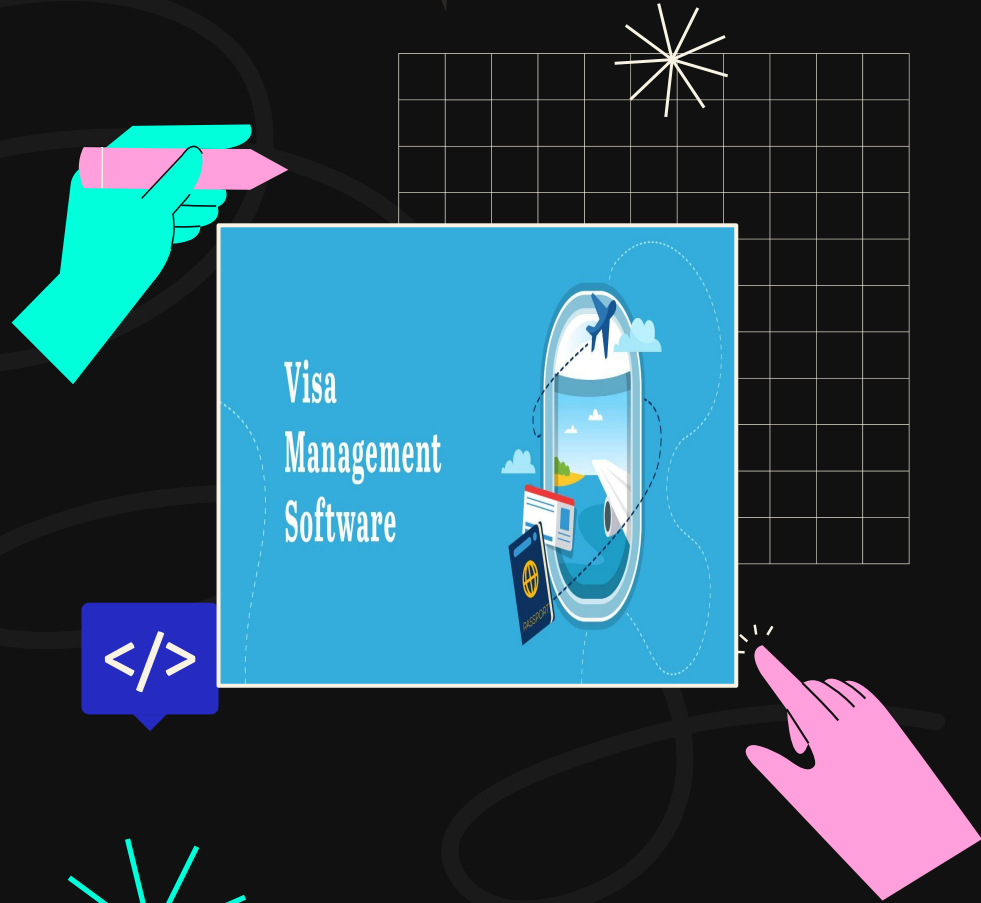
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# ABSTRACT

The "Visa Processing System" project is designed as an automated system to streamline the visa application process

s. Various visa types, including the H1-visa and Dependent visa, are offered by the government. The process of obtaining a visa involves a highly objective and non-subjective decision-making approach. Visa officials adhere to a set of specific requirements that applicants must meet for visa approval. If these criteria are satisfied, the applicant is granted the visa; otherwise, they do not qualify. The perceived subjectivity in visa decisions often stems from the interpretation of how these requirements are fulfilled.

# EXISTING SYSTEM

- The majority of existing visa management systems rely on manual labour. Visas are manually generated at a visa office. Applicants must submit hard copies of their documents to the visa office, which will store them at their local warehouse.
- An HR Manager assigns an HR Executive to process the applicant data. This executive is responsible for receiving application files from the warehouse and adding his/her work (findings and eligibility checks) to the applicant file.
- The application is then accepted or rejected based on the applicant's eligibility.

# DISADVANTAGES OF EXISTING SYSTEM

- The current system necessitates numerous manual entries.
- Human error can occur during the process if manual entries are used.
- Cash transactions take time to complete.
- Storage space expands over time.
- The transfer of credentials between departments is always subject to a time lag.
- Labor costs are high.

# PROPOSED SYSTEM

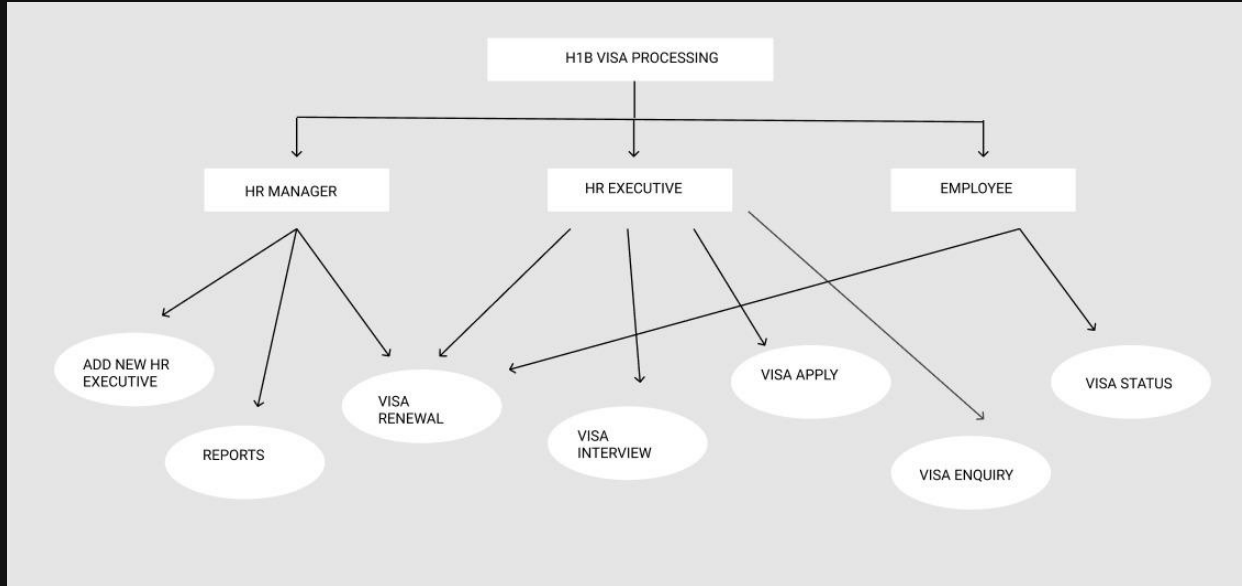
- In this project, we worked on the shortcomings of existing manual models. We used software-based systems to improve the process's efficiency, reliability, security, and convenience.
- The Visa Processing System (VPS) is a web-based tool that helps bridge the communication gap between the Visa Officer 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.
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# ADVANTAGES OF PROPOSED SYSTEM

- The proposed system automated manual processes such as visa application, status check, visa enquiry, executive assignment, file transfer, and so on.
- Overall, automation results in a faster pace.
- It lessens the workload associated with file transfer and storage.
- It eliminates any mistakes made during the application process.
- Any change in application data can be tracked, and any updates are reflected across the network almost instantly.
- Online application portals make applying for a visa easier for any user.



# SYSTEM ARCHITECTURE

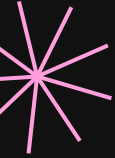


# HARDWARE REQUIREMENTS

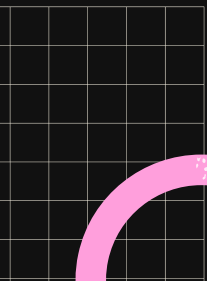
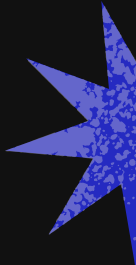
- System : Pentium i3 Processor
- Hard Disk : 500 GB.
- Monitor : 15" LED
- Input Devices : Keyboard, Mouse
- Ram : 2 GB

# SOFTWARE REQUIREMENTS

- Operating system : Windows 10.
- Coding Language : JAVA.
- Tool : Netbeans 13
- Database : MYSQL



# Conclusion



In conclusion, the implementation of an online visa processing system represents a significant leap forward in modernizing and streamlining the visa application process. This automated system not only expedites the application procedure but also ensures a more objective evaluation of applicants based on predefined criteria. The diverse range of visa types, such as the H1-visa and Dependent visa, becomes more accessible to individuals seeking authorization to enter a country. By digitizing and centralizing the visa processing, governments can enhance efficiency, reduce processing times, and minimize the potential for subjective decision-making. The online visa processing system stands as a testament to the continued integration of technology in governance, offering a secure, transparent, and user-friendly platform that facilitates a smoother experience for both applicants and visa officials alike