

**ALIGARH MUSLIM UNIVERSITY, ALIGARH**



**DEPARTMENT OF COMPUTER SCIENCE,**

**MCA( 6<sup>Th</sup>-Semester)**

**(CSM-6D1)**

**Major- Project**

**Synopsis**

**On**

**“Passport and Visa Processing System”**

**“Using React Js”**

**(2021-22)**

**SUBMITTED TO:**

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## **Introduction:**

We want to develop a web based application which will provide an automated way to maintain the information for individual regarding the passport and visa application. This processing system will speed up the time required to get the passport as well as visa while the software is mainly used for applying the passport visa. It also helps to get permission from the government of other country and in return Indian Government checks he/she is the citizen of India or not. Hence this software will be helpful to provide a single platform for applying a passport as well as visa and the information regarding issuing of passport and visa.

## **Proposed system:**

This proposed processing system will increase the efficiency of the system by automating the passport and visa processing task. This will increase the speed of accessing the details regarding the passport with reduced amount of error in the information. The system will most beneficial to an organization which has a number of clients in another country and they need to travel more frequently to another country. This processing system will manage the information on the behalf of the organization and will notify once the passport and visa is approved. Hence the system will provide an effective means to manage the information and to apply for a passport and visa, an organization can also make online payment through the system for passport as well as visa.

## **Objective and Scope:**

- Citizen can easily apply for passport and visa from single platform.
- Citizen can apply for reissuing of passport.
- Citizen can apply for extending their date of visa.
- Citizen can check the status of passport and visa approval.

## **Modules**

### **Citizen Module**

- Can apply for new passport
- Can apply for reissuing of passport
- Can apply for Visa
- Can apply for extending the dates of Visa
- Can modify their basic details

## **Officials of the Government**

- Manage Issuing of Passport.
- Check the citizenship of an individual in return.
- Blacklisting any person if required (can check in return)

## **Other Country Officials**

- Issuing Visa
- Check the expiration date of Visa
- Can extend the date of Visa (if possible)

## **Tools Required:**

### **Software**

- Operating system - Windows system 7/10
- Front end - HTML ,CSS or Symentic UI
- Database - My SQL 5.0
- Next Js

### **Hardware**

- Processors – Above Pentium 3, 800MHz
- Hard disk 30 GB SSD Storage
- 16 GB RAM

## **Deployment Requirements:**

- Dedicated Server
- 100 GB SSD Storage
- Support for ~25000 Visits Monthly
- SSL Support
- Atleast 1 Database
- GIT Access
- SSH Access
- File Zilla