

**H.H THE RAJAH'S COLLEGE  
PUDUKKOTTAI – 622 001**

**DEPARTMENT OF MATHEMATICS**

**NAAN MUDHALVAN – SMART BRIDGE PROJECT**

**PROJECT TITLE**

**CRM APPLICATION THAT HELPS TO BOOK A VISA SLOT**

**SUBMITTED BY**

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## **INTRODUCTION**

A visa slot refers to an available appointment time at a consulate or embassy where individuals can apply for a visa to visit, work or study in another country. When individuals apply for a visa, they are often required to schedule an appointment at the consulate or embassy to submit their application and any necessary documents, and to attend an interview with a consular officer. These appointments are commonly referred to as visa slots. Visa slots are often in high demand, particularly in countries with large numbers of people seeking to travel or migrate abroad. As a result, it's important to plan ahead and try to schedule a visa appointment as early as possible to increase the chances of securing a preferred date and time. It's also important to carefully review the requirements for the specific visa being sought and ensure all necessary documents are in order before attending the appointment.

### **1.1 OVERVIEW**

To obtain a visa, individuals typically need to schedule an appointment at the consulate or embassy of the country the Visa slots are often in high demand, particularly in countries with large numbers of people seeking to travel or migrate abroad. As a result, it's important to plan ahead and try to schedule a visa appointment as early as possible to increase the chances of securing a preferred date and time. It's also important to carefully review the requirements for the specific visa being sought and ensure all necessary documents are in order before attending the appointment wish to visit. During the appointment, the individual must submit their visa application and any necessary documents, and may also be required to attend an interview with a consular officer. The appointment slots are limited and in high demand, particularly in countries with large numbers of people seeking to travel or migrate abroad.

It's important to note that the requirements for obtaining a visa can vary depending on the country being visited, the purpose of the visit, and the individual's personal circumstances. It's important to carefully review the visa requirements and ensure all necessary documents are in order before attending the appointment. Overall, scheduling a visa appointment early and preparing thoroughly can increase the chances of obtaining a visa and successfully traveling to another country.

## **1.2 PURPOSE**

The purpose of a visa appointment or visa slot is to allow individuals to apply for a visa to visit, work, or study in another country. A visa is a legal document that is issued by a consulate or embassy of a foreign country, granting the holder permission to enter and stay in the country for a specified period of time.

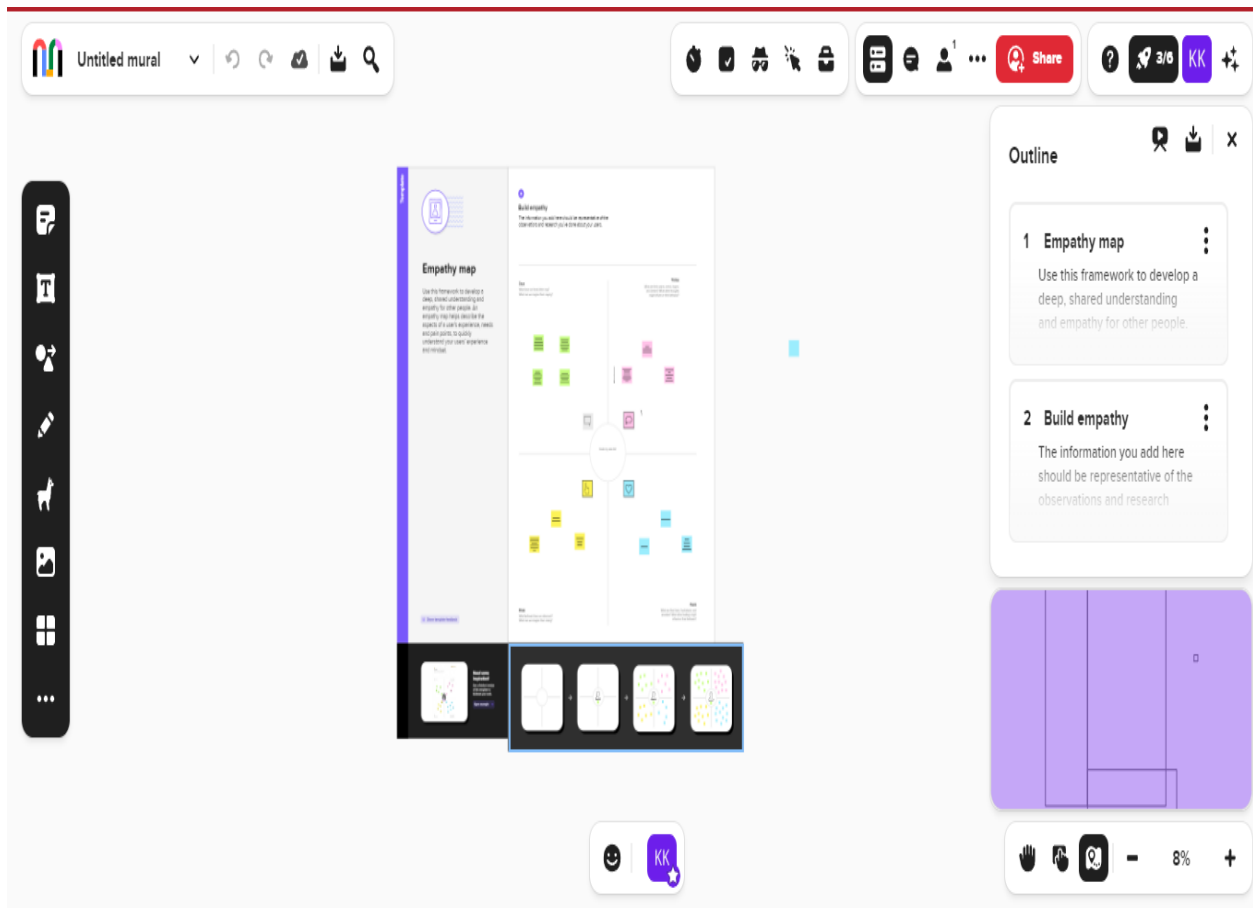
The visa appointment process is designed to ensure that individuals meet the requirements for obtaining a visa and to assess their eligibility for entry into the country. During the appointment, the individual will typically need to submit their visa application, provide any necessary supporting documents, and attend an interview with a consular officer.

The visa appointment system is necessary because it helps consulates and embassies manage the large number of visa applications they receive, and ensures that each application is carefully reviewed and assessed. It also allows for the scheduling of appointments in an organized and efficient manner, minimizing wait times for applicants.

In summary, the purpose of a visa appointment or visa slot is to allow individuals to apply for a visa to enter another country, while ensuring that they meet the requirements for obtaining a visa and that the visa application is carefully reviewed and assessed

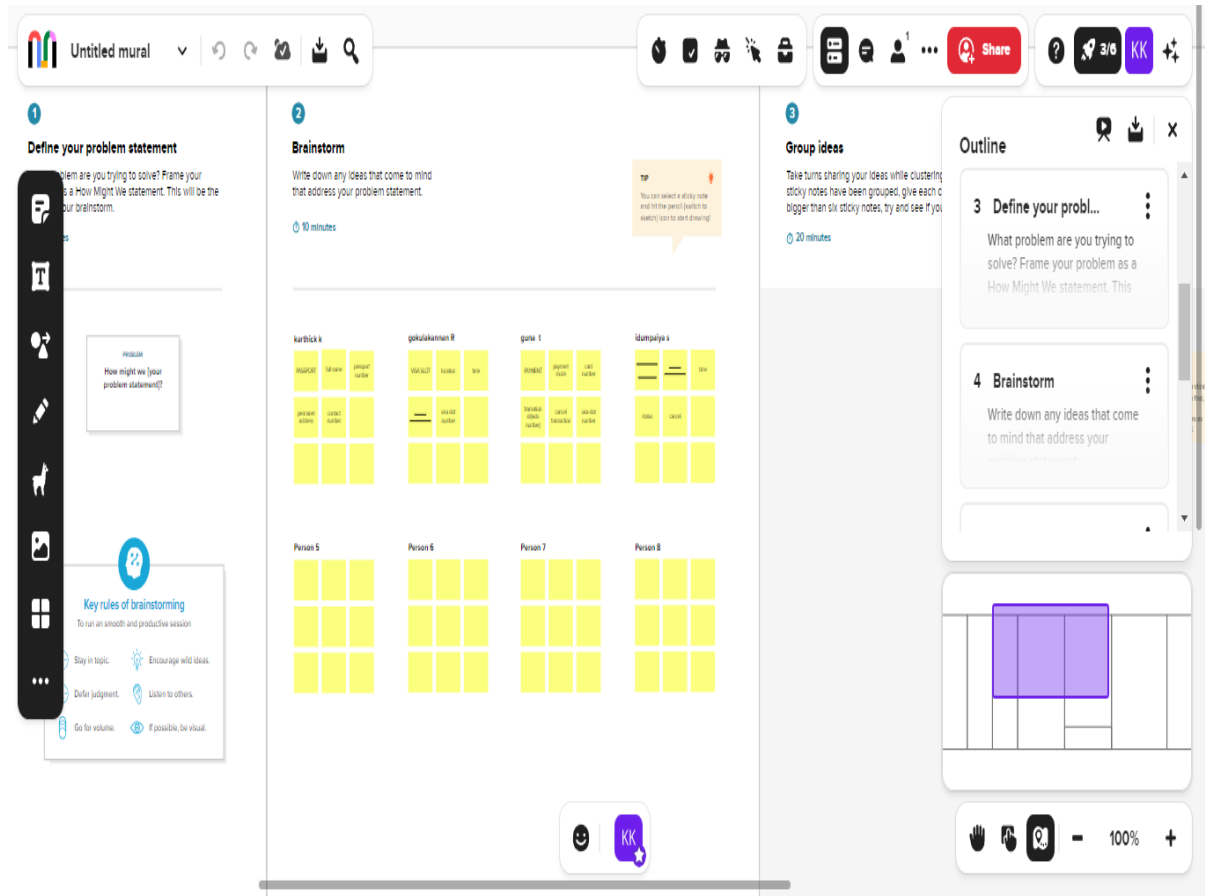
## PROBLEM DEFINITION & DESIGN THINKING :

### 2.1 EMPATHY MAP :



An empathy map is a tool used to understand the perspective of a particular user or customer. It consists of four quadrants that represent the user's thoughts and feelings, as well as their actions and environment. However, there is no direct relationship between an empathy map and a visa slot, so I am not sure what you mean by "visa slot in empathy map."

## ❖ 2.2 IDEATION & BRAINSTORMING MAP :



- ❖ Brainstorming is a creative problem-solving technique that involves generating a large number of ideas in a short period of time. It can be a useful tool when trying to come up with ideas related to visa slots, such as finding ways to increase availability or efficiency.
- ❖ During a brainstorming session focused on visa slots, participants can generate a wide range of ideas, such as:
- ❖ Creating an online booking system for visa slots to make the process more efficient and convenient.
- ❖ Offering incentives for applicants to schedule their visa appointments during off-peak times to reduce wait times.

- ❖ Increasing the number of available visa slots by opening more visa application centers or hiring additional staff.

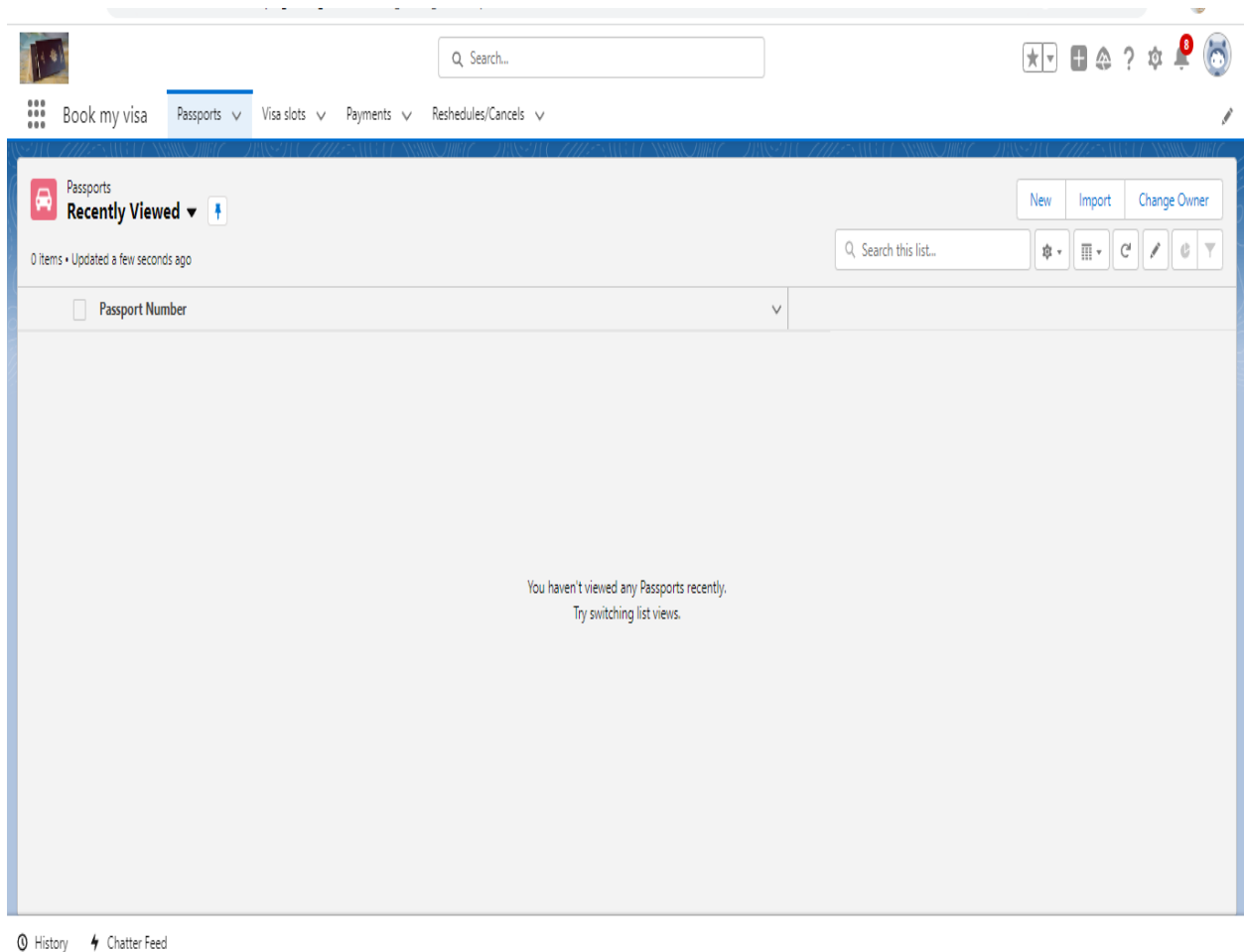
### 3. RESULT :

#### DATA MODEL :

Object Name	Fields in the object					
Object 1  PASSPORT	<table><tr><th>Field Label</th><th>Data Type</th></tr><tr><td>Passport</td><td>text</td></tr></table>		Field Label	Data Type	Passport	text
Field Label	Data Type					
Passport	text					
Object 2  VISA SLOT	<table><tr><th>Field Label</th><th>Data Type</th></tr><tr><td>Passport number</td><td>Master detail relationship</td></tr></table>		Field Label	Data Type	Passport number	Master detail relationship
Field Label	Data Type					
Passport number	Master detail relationship					
Object 3  PAYMENT	<table><tr><th>Field Label</th><th>Data Type</th></tr><tr><td>Payment name</td><td>Text</td></tr></table>		Field Label	Data Type	Payment name	Text
Field Label	Data Type					
Payment name	Text					
Object 4  RESHEDUL/CANCEL	<table><tr><th>Field label</th><th>Data Type</th></tr><tr><td>Passport number(master)</td><td>text</td></tr></table>	Field label	Data Type	Passport number(master)	text	
Field label	Data Type					
Passport number(master)	text					

## 3.2 Activity& Screenshot

### Over all App view :



A CRM (Customer Relationship Management) application is a software tool designed to help manage customer interactions and data. While it may have features to assist with scheduling appointments and managing customer information, it would not typically have the capability to book a visa slot for you.



## Passport:

The screenshot shows a web application interface with a sidebar on the left containing 'Book my visa', 'Passports', 'Visa slots', 'Payments', and 'Reschedules/Cancels'. The 'Passports' section is active, showing a 'Recently Viewed' list with 0 items. A modal window titled 'New Passport' is open, displaying an 'Information' form. The form includes fields for 'Passport Number', 'Contact number', 'passport' (with 'Date' and 'Time' sub-fields), 'permanent address', and 'Full Name'. The 'Owner' is listed as 'Karthick K'. At the bottom of the modal are 'Cancel', 'Save & New', and 'Save' buttons.

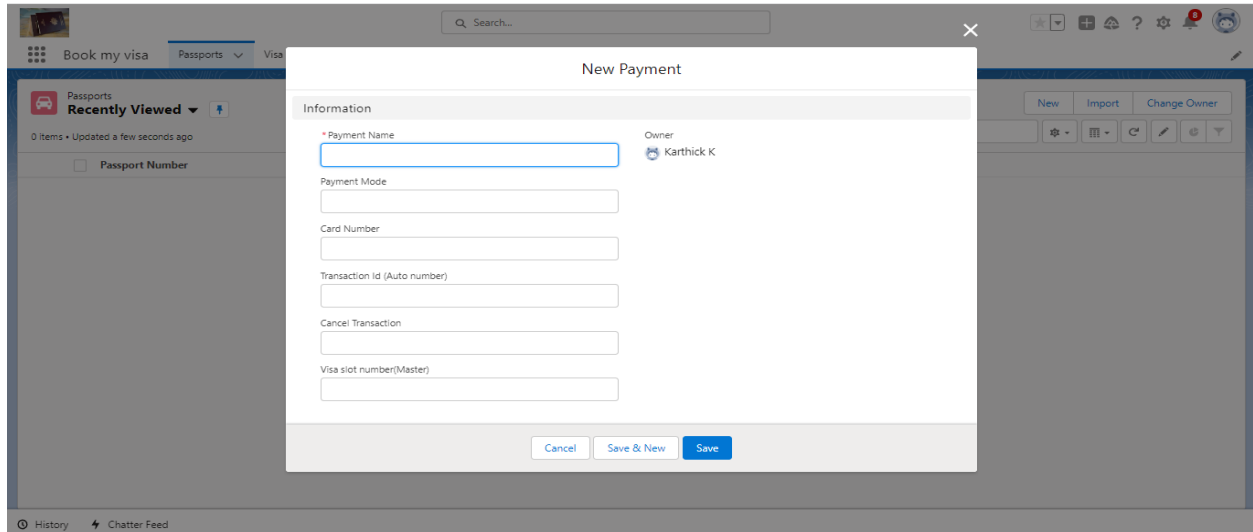
Schedule the appointment in advance: Visa appointment slots can fill up quickly, so it's important to schedule your appointment well in advance of your planned travel date.

## Visa slot:

The screenshot shows the same web application interface as above, but with the 'Visa slots' section active in the sidebar. The 'New Visa slot' modal window is open, displaying an 'Information' form. The form includes fields for 'Visa slot number', 'location' (with 'Date' and 'Time' sub-fields), 'Time', and 'Passport Number(Master)'. The 'Owner' is listed as 'Karthick K'. At the bottom of the modal are 'Cancel', 'Save & New', and 'Save' buttons.

Choose the right location: Make sure to choose the embassy or consulate closest to your location for convenience.

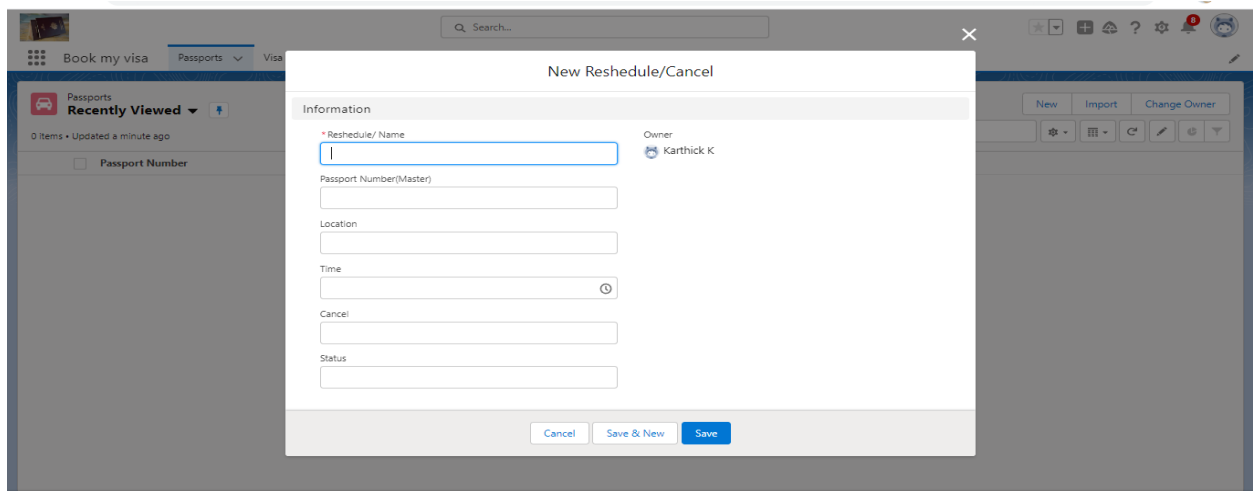
## Payment:



The screenshot shows a web application interface with a 'New Payment' modal open. The modal has a title bar with a close button. Below the title is an 'Information' section. It contains a 'Payment Name' field with a red asterisk, an 'Owner' field with a profile icon and the name 'Karthick K', a 'Payment Mode' field, a 'Card Number' field, a 'Transaction Id (Auto number)' field, a 'Cancel Transaction' field, and a 'Visa slot number(Master)' field. At the bottom of the modal are three buttons: 'Cancel', 'Save & New', and 'Save'. The background shows a sidebar with 'Book my visa' and 'Passports' tabs, and a main area with 'Recently Viewed' and 'Passport Number' sections.

**Pay on time:** It's important to pay the visa application fee on time to avoid any delays or complications in the visa application process.

## Reschedule / Cancel:



The screenshot shows a web application interface with a 'New Reschedule/Cancel' modal open. The modal has a title bar with a close button. Below the title is an 'Information' section. It contains a 'Reschedule/ Name' field with a red asterisk, an 'Owner' field with a profile icon and the name 'Karthick K', a 'Passport Number(Master)' field, a 'Location' field, a 'Time' field with a clock icon, a 'Cancel' field, and a 'Status' field. At the bottom of the modal are three buttons: 'Cancel', 'Save & New', and 'Save'. The background shows a sidebar with 'Book my visa' and 'Passports' tabs, and a main area with 'Recently Viewed' and 'Passport Number' sections.

**Keep a record:** Make sure to keep a record of any changes you make to your appointment, including the date and time of the change, as well as any confirmation numbers or emails you receive. This will be useful if you need to refer back to your appointment in the future.

#### **4 Trailhead Profile Public URL**

Team Lead : <https://trailblazer.me/id/kartk102>

Team Member 1 : <https://trailblazer.me/id/gmt2262>

Team Member 2 : <https://trailblazer.me/id/ekadavakkottai>

Team Member 3 : <https://trailblazer.me/id/gmt2261>

## **5 ADVANTAGE & DISADVANTAGE**

### **Advantages:**

Booking a visa slot in advance has several advantages, including:

- ❖ **Ensures Availability:** Booking your visa slot in advance ensures that you get a confirmed appointment and avoids the risk of unavailability. Especially during peak travel seasons, visa appointment slots can fill up quickly, and booking in advance can guarantee you a spot.
- ❖ **Saves Time:** By booking a visa slot in advance, you can save time by avoiding long waiting periods or queues at the embassy or consulate. You can also plan your travel itinerary and make necessary arrangements in advance.
- ❖ **Allows for Better Planning:** Booking a visa appointment in advance enables you to plan your trip better, such as booking your flight and accommodation, arranging travel insurance, and ensuring that all necessary documents are in order.
- ❖ **Reduces Stress:** Waiting until the last minute to book a visa appointment can cause unnecessary stress and anxiety. By booking in advance, you can avoid last-minute rush and enjoy a more relaxed and stress-free visa application process.
- ❖ **Overall,** booking a visa slot in advance can simplify the visa application process, save you time, reduce stress, and ensure that you have everything in order for your trip.

**Disadvantages:**

- ❖ Limited availability: Depending on the country and type of visa, there may be limited availability for visa appointment slots. This could make it difficult to schedule a convenient appointment time.
- ❖ Long wait times: Even if you are able to book an appointment, there may be long wait times for the appointment date to arrive. This can delay your travel plans and be frustrating.
- ❖ Technical issues: Booking a visa appointment slot may require navigating complex online systems or dealing with technical glitches. If you encounter technical issues, you may need to spend a lot of time trying to resolve them or even miss out on an appointment slot altogether.
- ❖ Financial cost: Some visa application processes require a fee to book an appointment slot. This can add an extra expense to the already costly process of applying for a visa.
- ❖ Uncertainty: Even if you are able to book an appointment, there is no guarantee that your visa application will be approved. This uncertainty can add stress and anxiety to the application process.

## **APPLICATIONS**

- ❖ Visit the website of the embassy or consulate where you will apply for the visa.
- ❖ Look for the "Visa Application" or "Consular Services" section of the website.
- ❖ Follow the instructions for scheduling an appointment. This may involve creating an account, filling out an online application, and selecting an available appointment slot.
- ❖ Once you have scheduled your appointment, make sure to print out the appointment confirmation page or take note of the appointment details. You may also receive an email confirmation.
- ❖ On the day of your appointment, arrive at the embassy or consulate on time and bring all required documentation with you

## **CONCLUSION**

In conclusion, a CRM application that helps to book a visa slot can be highly beneficial for individuals, travel agencies, and embassies. The application can streamline the process of booking visa slots, reducing the time and effort required by all parties involved. It can also provide a centralized database for storing and accessing visa application information, simplifying the process of tracking and managing visa applications. Furthermore, the CRM application can improve customer service by providing real-time updates on visa application status, reducing the need for applicants to contact embassies directly. Overall, implementing a CRM application for booking visa slots can enhance the efficiency and effectiveness of the visa application process, benefiting all stakeholders involved.

## **FUTURE SCOPE:**

- ❖ As an AI language model, I am not entirely clear on what you are asking. However, if you are referring to the future prospects of getting a visa appointment slot, it would depend on various factors such as the country you are applying to, the type of visa you are seeking, and the demand for visas at that particular time.
  
- ❖ In general, with the increasing global mobility and the ease of travel, the demand for visas has also been increasing. This has resulted in a higher volume of visa applications and longer waiting times for visa appointments. However, many countries are also taking measures to streamline the visa application process and make it more efficient, such as implementing online visa applications and appointment booking systems.
  
- ❖ Therefore, it is difficult to predict the future scope of visa appointment slots, as it depends on various factors, including government policies and technological advancements. However, you can increase your chances of getting a visa appointment slot by applying well in advance, providing all the required documents, and being flexible with your travel dates.