

## Functional Requirements

- **User Registration:** Users can create accounts with personal information for access to visa slot booking.
- **Login and Authentication:** Secure login mechanisms with password protection and multi-factor authentication.
- **Real-Time Slot Availability:** Constantly updated slot availability information from consulates and embassies.
- **Booking Slots:** Users can select and reserve visa appointment slots based on preferences.
- **Automated Notifications:** Automated email and SMS notifications for appointment confirmations, reminders, and updates.
- **Document Upload:** Capability to upload, view, and manage visa application documents.
- **Payment Integration:** Integration with secure payment gateways for online payment of visa fees.
- **User Profile Management:** Users can update and maintain their profiles with ease.
- **Slot Cancellation and Rescheduling:** Users can cancel and reschedule appointments as needed.
- **Reporting and Analytics:** Creation of comprehensive reports and data analytics for performance evaluation.

- **Admin Dashboard:** An admin panel to manage users, appointments, and system settings.
- **Integrated Support Chat:** A live chat system for real-time user assistance and issue resolution.
- **Data Security Measures:** Implementation of robust data encryption and security features.
- **Compliance with Data Protection Regulations:** Ensuring adherence to data privacy laws and regulations.
- **Efficient Slot Allocation:** Allocation of slots without overbooking or underutilizing consulate resources.
- **User Feedback Gathering:** Collection of user feedback and reviews for continuous improvement.
- **Multi-Language Support:** Support for multiple languages to cater to a diverse user base.
- **Support Ticket System:** A ticketing system for users to log and track support requests.
- **Payment Status Tracking:** Users can track the status of their payment for visa application fees.
- **User Training Materials:** Availability of training materials and user guides for effective usage.

- **Customizable Data Fields:** The ability to customize and add data fields to capture specific information.
- **Audit Trail Logging:** A record of all actions and changes for transparency and accountability.
- **User Notifications:** Email or SMS notifications to keep users informed about visa application status.

1. Click on Set up Gear at drop down list you can find developer console click on that.
2. At the left side top you can find the option new click on that and then apex trigger.
3. Give the name as Deletionofvisarecord
4. And S object has Visa Object
5. Scenario - You cannot delete active visa record

trigger Deletionifvisarecord on Visa\_Slot\_\_c (before delete) {

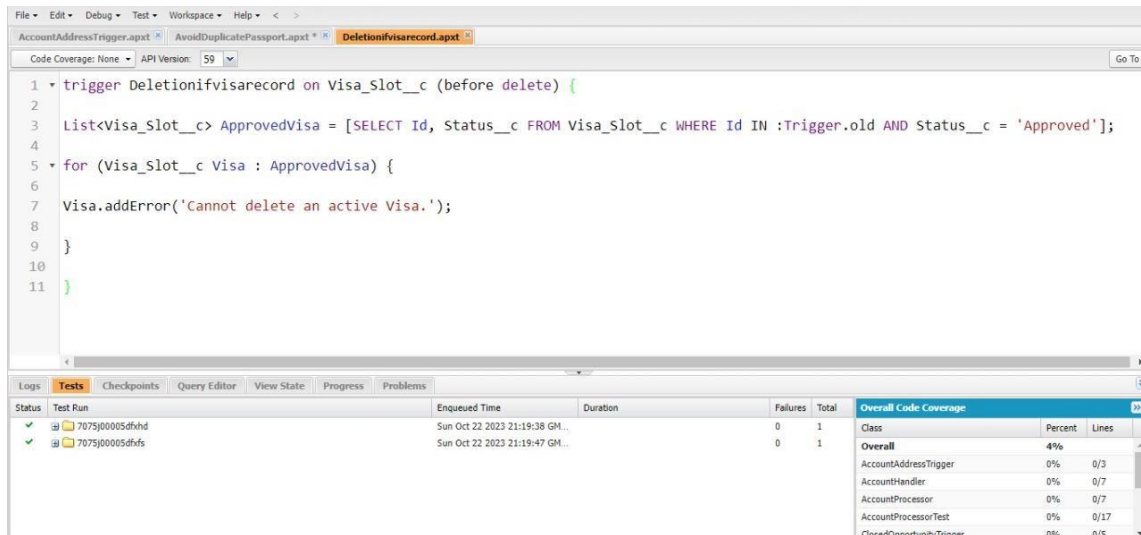
```
List<Visa_Slot_c> ApprovedVisa = [SELECT Id, Statusc
FROM Visa_Slotc WHERE Id IN :Trigger.old AND Status_c =
'Approved'];
```

```
for (Visa_Slot__c Visa : ApprovedVisa) {
```

```
Visa.addError('Cannot delete an active Visa.');
```

}

}



## 2)APEX :

- 1) Click on Set up Gear at drop down list you can find developer console click on that.
- 2) At the left side top you can find the option new click on that and then apex trigger.
- 3) Give the name as AvoidDuplicatePassport
- 4) And S object has Passport Object
- 5) Scenario - trigger on the Passport\_c object to avoid duplicate records based on the Full Name and Contact Number fields.  
trigger AvoidDuplicatePassports on Passport\_c (before insert, before update) {

Set<String> uniqueKeys = new Set<String>();

```

List<Passport_c>      duplicatePassports      =      new
List<Passport_c>(); for (Passport__c passport : Trigger.new)
{
String      key  =      passport.Full_Name_c      +      "
      + passport.Contact_Number__c;
if      (uniqueKeys.contains(key))      {
duplicatePassports.add(passport);

}      else      {
uniqueKeys.add(key);
}
}      for  (Passport__c  passport  :
duplicatePassports) {

passport.addError('Duplicate record found based on Full Name
and Contact Number.');
```

```

}

}
```

Code Coverage: None | API Version: 59

```

1 trigger AvoidDuplicatePassports on Passport__c (before insert, before update) {
2
3     Set<String> uniqueKeys = new Set<String>();
4
5     List<Passport__c> duplicatePassports = new List<Passport__c>();
6
7     for (Passport__c passport : Trigger.new) {
8
9         String key = passport.Full_Name__c + '_' + passport.Contact_Number__c;
10
11         if (uniqueKeys.contains(key)) {
12
13             duplicatePassports.add(passport);
14
15         } else {

```

| Status | Test Run        | Enqueued Time                  | Duration | Failures | Total |
|--------|-----------------|--------------------------------|----------|----------|-------|
| ✓      | 7075j00005dfxhd | Sun Oct 22 2023 21:19:38 GM... |          | 0        | 1     |
| ✓      | 7075j00005dfxfs | Sun Oct 22 2023 21:19:47 GM... |          | 0        | 1     |

| Class                    | Percent   | Lines |
|--------------------------|-----------|-------|
| <b>Overall</b>           | <b>4%</b> |       |
| AccountAddressTrigger    | 0%        | 0/3   |
| AccountHandler           | 0%        | 0/7   |
| AccountProcessor         | 0%        | 0/7   |
| AccountProcessorTest     | 0%        | 0/17  |
| ClosedOpportunityTrigger | 0%        | 0/5   |

```

15 } else {
16     uniqueKeys.add(key);
17 }
18 }
19 }
20 }
21 }
22 }
23 for (Passport__c passport : duplicatePassports) {
24
25     passport.addError('Duplicate record found based on Full Name and Contact Number.');
```

| Status | Test Run        | Enqueued Time                  | Duration | Failures | Total |
|--------|-----------------|--------------------------------|----------|----------|-------|
| ✓      | 7075j00005dfxhd | Sun Oct 22 2023 21:19:38 GM... |          | 0        | 1     |
| ✓      | 7075j00005dfxfs | Sun Oct 22 2023 21:19:47 GM... |          | 0        | 1     |

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| AccountProcessor         | 0%        | 0/7   |
| AccountProcessorTest     | 0%        | 0/17  |
| ClosedOpportunityTrigger | 0%        | 0/5   |

## 1)Creation Of User:

Navigate to setup

1. In Quick Find box select and search: User
2. Click: New user
3. Give First and Last Name
4. Enter your email in the email field

5. Enter user name, it must be unique
6. User license: salesforce platform
7. In the profile field: Standard user profile
8. Check, Generate new password and notify user immediately
9. Save

The screenshot shows the Salesforce 'User Edit' interface for a user named 'User A'. The page is divided into a left sidebar and a main content area. The sidebar contains navigation links for 'Lightning Experience Transition Assistant', 'Salesforce Mobile Quick Start', 'Home', and 'Administer'. The 'Administer' section is expanded, showing options like 'Release Updates', 'Manage Users', 'Users', 'Mass Email Users', 'Roles', 'Permission Sets', 'Permission Set Groups', 'User Management Settings', 'Profiles', 'Public Groups', 'Queues', and 'Login History'. The main content area is titled 'User Edit User A' and includes a 'Quick Find / Search...' bar. Below the title, there are 'Save', 'Save & New', and 'Cancel' buttons. The 'General Information' section is active, displaying various user details in a two-column layout. The left column contains fields for First Name (User), Last Name (A), Alias (ua), Email (usera@gmail.com), Username (l@gmail.com), Nickname (User1696243377396991145), Title (Records), Company (ZORA), Department (Computer science), and Division (A). The right column contains fields for Role (CEO), User License (Salesforce Integration), Profile (Salesforce API Only System Integrations), Active status (checked), Marketing User, Offline User, Knowledge User, Flow User, Service Cloud User, Site.com Contributor User, Site.com Publisher User, WDC User, Data.com User Type (--None--), Data.com Monthly Addition Limit (300), Accessibility Mode (Classic Only), High-Contrast Palette on Charts, Load Lightning Pages While Scrolling (checked), Debug Mode, and Salesforce CRM Content User (checked). A red exclamation mark icon indicates required information.

| General Information                  |   |
|--------------------------------------|---|
| First Name                           | User                                    |
| Last Name                            | A                                       |
| Alias                                | ua                                      |
| Email                                | usera@gmail.com                         |
| Username                             | l@gmail.com                             |
| Nickname                             | User1696243377396991145                 |
| Title                                | Records                                 |
| Company                              | ZORA                                    |
| Department                           | Computer science                        |
| Division                             | A                                       |
| Role                                 | CEO                                     |
| User License                         | Salesforce Integration                  |
| Profile                              | Salesforce API Only System Integrations |
| Active                               | <input checked="" type="checkbox"/>     |
| Marketing User                       | <input type="checkbox"/>                |
| Offline User                         | <input type="checkbox"/>                |
| Knowledge User                       | <input type="checkbox"/>                |
| Flow User                            | <input type="checkbox"/>                |
| Service Cloud User                   | <input type="checkbox"/>                |
| Site.com Contributor User            | <input type="checkbox"/>                |
| Site.com Publisher User              | <input type="checkbox"/>                |
| WDC User                             | <input type="checkbox"/>                |
| Data.com User Type                   | --None--                                |
| Data.com Monthly Addition Limit      | 300                                     |
| Accessibility Mode (Classic Only)    | <input type="checkbox"/>                |
| High-Contrast Palette on Charts      | <input type="checkbox"/>                |
| Load Lightning Pages While Scrolling | <input checked="" type="checkbox"/>     |
| Debug Mode                           | <input type="checkbox"/>                |
| Salesforce CRM Content User          | <input checked="" type="checkbox"/>     |

**Single Sign On Information**

Federation ID

**Locale Settings**

Time Zone

Locale

Language

**Approver Settings**

Delegated Approver

Manager

Receive Approval Request Emails

☒ Generate new password and notify user immediately

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## OWD: Organization Wide Defaults Settings:

OWD settings determine the baseline level of access for all records of an object. This can be used to give permission to the organization wide and it can be used for restrict the access; we can control the record level access.

OWD can never grant users more access than they have through their object permission.

Primarily four types of access can be set in Salesforce

- OWD-
1. Public read/write/transfer (Only available for Leads and Cases)
  2. Public read/write
  3. Public read only
  4. Private

Steps of OWD settings:



Navigate setup in Quick Find search bar

1. Type Sharing Setting and Select it.
2. Edit: Organization Wide Defaults.
3. Scroll down list and select Passport...

| Object                  | Private           | Public Read/Write | Public Read/Write | Public Read/Write | Public Read/Write |
|-------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Case Escalations        | Private           | Private           | Private           | Private           | Private           |
| Entitlement Processes   | Private           | Private           | Private           | Private           | Private           |
| API Usage Notifications | Private           | Private           | Private           | Private           | Private           |
| Mass Emails             | Private           | Private           | Private           | Private           | Private           |
| Email Snapshots         | Private           | Private           | Private           | Private           | Private           |
| Jobs                    | Private           | Private           | Private           | Private           | Private           |
| Logs                    | Private           | Private           | Private           | Private           | Private           |
| Service Contract        | Private           | Private           | Private           | Private           | Private           |
| Service Resource        | Public Read/Write | Private           | Private           | Private           | Private           |
| Service Territory       | Public Read/Write | Private           | Private           | Private           | Private           |
| Shift                   | Private           | Private           | Private           | Private           | Private           |
| Streaming Channel       | Public Read/Write | Private           | Private           | Private           | Private           |
| Waitlist                | Private           | Private           | Private           | Private           | Private           |
| Web Cart Document       | Private           | Private           | Private           | Private           | Private           |
| Work Order              | Private           | Private           | Private           | Private           | Private           |
| Work Plan               | Private           | Private           | Private           | Private           | Private           |
| Work Plan Template      | Private           | Private           | Private           | Private           | Private           |
| Work Step Template      | Private           | Private           | Private           | Private           | Private           |
| Work Type               | Private           | Private           | Private           | Private           | Private           |
| Work Type Group         | Public Read/Write | Private           | Private           | Private           | Private           |
| Book                    | Public Read/Write | Private           | Private           | Private           | Private           |
| Child object            | Public Read/Write | Private           | Private           | Private           | Private           |
| college                 | Public Read/Write | Private           | Private           | Private           | Private           |
| Passport                | Public Read/Write | Public Read/Write | Public Read/Write | Public Read/Write | Public Read/Write |
| Payment                 | Public Read/Write | Private           | Private           | Private           | Private           |
| Research Proposal       | Public Read/Write | Private           | Private           | Private           | Private           |
| Student                 | Public Read/Write | Private           | Private           | Private           | Private           |

Other Settings

Standard Report Visibility ☒ Manual User Record Sharing ☐ Manager Groups ☐ Secure guest user ☒ Require permission to view record access ☒ record names in lookup fields ☐

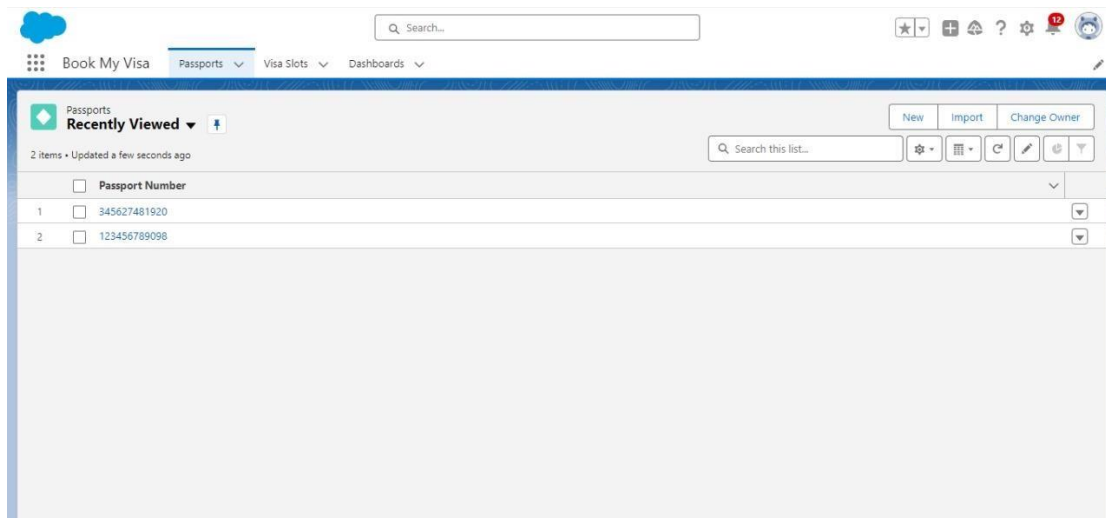
Save Cancel

## User Adoption:

This milestone explains about user adoption

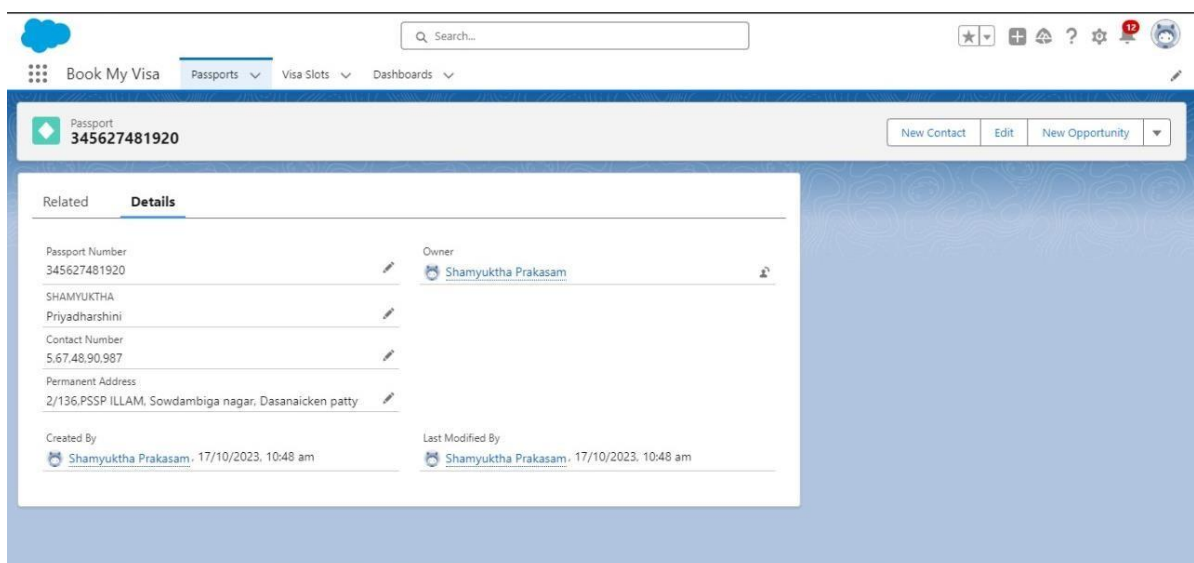
### 1)Create Record (Passport):

- 1.Click on App Launcher on left side of screen.
2. Search Book My Visa App & click on it.
3. Click on Passport tab.
4. Click new button
5. Fill all Passport record details.
6. Click on Save Button.



## 2)View Records (Passport):

- 1.Click on App Launcher on left side of screen.
2. Search Book My Visa & click on it.
3. Click on Passport Tab.
4. Click on any record name. you can see the details of the Driver



### 3)Delete Records (Passport):

1. Click on App Launcher on left side of screen.
2. Search Book My Visa & click on it.
3. Click on Passport Tab.
4. Click on Arrow at right hand side on that Particular record.
5. Click delete and delete again

