DBS 211 – Introduction to Database Systems

Group Project  
Milestone – 2

Immigration, Refugees and Citizenship Canada (IRCC)

Name : Dhruv Chawla  
Student Id : 158310219  
Email : dchawla3@myseneca.ca

Name : Kushagra Khanna  
Student Id : 168977213  
Email : kkhanna5@myseneca.ca

Name : Varun Chhabra  
Student Id : 170279210  
Email : vchhabra1@myseneca.ca

Name : Krish Harshadkumar Patel  
Student Id : 123898215  
Email : khpatel28@myseneca.ca

Table 1 – Applicant

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column | Data Type | Size, Precision | Default | PK/FK | Required | Range | Sample Data |
| Username | String | 25 |  | PK | Y |  | Sdogg69 |
| FName | String | 25 |  |  | Y |  | Snoop |
| LName | String | 25 |  |  | Y |  | Dogg |
| Password | String | 25 |  |  | Y |  | Snoopy@6969 |
| Phone | Number | 11 |  |  | Y | 2000000000-  9999999999 | 6478914399 |
| Email | String | 40 |  |  | Y |  | s.dogg@gmail.com |
| OfficerNumber | Number | 5 |  | FK | Y | 10000-99999 | 10001 |

Table 2 – Officer

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column | Data Type | Size, Precision | Default | PK/FK | Required | Range | Sample Data |
| OfficerNumber | Number | 5 |  | PK | Y | 10000-99999 | 10001 |
| FirstName | String | 25 |  |  | Y |  | Marshall |
| LastName | String | 25 |  |  | Y |  | Mathers |
| Email | String | 40 |  |  | Y |  | eminem@gmail.com |
| OfficeCode | Number | 4 |  | FK | Y | 1000-9999 | 7777 |

Table 3 – Office

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column | Data  Type | Size,  Precision | Default | PK/FK | Required | Range | Sample Data |
| OfficeCode | Number | 4 |  | PK | Y | 1000-9999 | 7777 |
| Phone | Number | 11 |  |  | Y | 2000000000-  9999999999 | 6474652256 |
| AdressLine | String | 45 |  |  | Y |  | 5 Sheppard Avenue East |
| City | String | 30 |  |  | Y |  | Toronto |
| State | String | 30 |  |  | Y |  | Ontario |
| Country | String | 30 |  |  | Y |  | Canada |
| PostalCode | String | 6 |  |  | Y |  | M3J1L6 |

Table 4 – Application

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column | Data  Type | Size,  Precision | Default | PK/FK | Required | Range | Sample Data |
| Application Number | Number | 7 |  | PK | Y | 1111111-9999999 | 6656576 |
| Application Date | Date |  |  |  | Y |  | 2022-11-24 |
| Reason | String | 40 |  |  | Y |  | Study |
| Status | String | 20 |  |  | Y |  | Pending |
| UserName | String | 25 |  | FK | Y |  | Sdogg69 |

Table 5 – Application Details

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column | Data  Type | Size,  Precision | Default | PK/FK | Required | Range | Sample Data |
| Application Number | Number | 7 |  | PF | Y | 1111111-9999999 | 6656576 |
| Passport Number | String | 10 |  | PF | Y |  | B7956985 |
| FName | String | 25 |  |  | Y |  | Snoop |
| LName | String | 25 |  |  | Y |  | Dog |
| DOB | Date |  |  |  | Y |  | 2002-11-24 |
| Phone | Number | 11 |  |  | Y | 2000000000-  9999999999 |  |
| Email | String | 40 |  |  | Y |  | s.dogg@gmail.com |
| Country | String | 25 |  |  | Y |  | Canada |
| AdressLine | String | 45 |  |  | Y |  | 5 Sheppard Avenue East |
| City | String | 25 |  |  | Y |  | Toronto |
| State | String | 25 |  |  | Y |  | Ontario |
| PostalCode | String | 6 |  |  | Y |  | M3J1L6 |

Table 6 – Visa

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column | Data  Type | Size,  Precision | Default | PK/FK | Required | Range | Sample Data |
| Passport  Number | String | 10 |  | PK | Y |  | B7956985 |
| Category | String | 25 |  |  | Y |  | Student |
| Visa Number | String | 10 |  | FK | Y |  | U7894358 |
| Issued At | Date |  |  |  | Y |  | 2003-05-19 |

Table 7 – Visa Details

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column | Data  Type | Size,  Precision | Default | PK/FK | Required | Range | Sample Data |
| Visa Number | String | 10 |  | PK | Y |  | U7894358 |
| Document Number | Number | 10 |  |  | Y |  | E734855654 |
| Surname | String | 25 |  |  | Y |  | Khanna |
| Given Name | String | 25 |  |  | Y |  | JayZ |
| Date of Issue | Date |  |  |  | Y |  | 2003-05-19 |
| Date of Expiry | Date |  |  |  | Y |  | 2003-06-07 |

Table 8 – Payment

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column | Data  Type | Size,  Precision | Default | PK/FK | Required | Range | Sample Data |
| UserName | String | 25 |  | FK | Y |  | Sdogg69 |
| Check  Number | String | 50 |  |  | Y |  | HQ336336 |
| Payment Date | Date |  |  |  | Y |  | 2003-05-19 |
| Amount | Number | 10 |  |  | Y |  | 150 |

Diagram

Description automatically generated