

# DBS 211 – Introduction to Database Systems

## Group Project Milestone – 2

### Immigration, Refugees and Citizenship Canada (IRCC)

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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

