Group 04 Data Dictionary

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## Bilingual Table

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Table Name | Column Name | Contents | Type | Length | Range /  Values | Req’d | Key | Remarks |
| bilingual | Value | Lookup value for property | SMALLINT |  |  | Y | PK |  |
|  | Property | Bilingual status of user | VARCHAR | 30 | “No”, “Yes/one”, “Yes/many” | Y |  |  |

## City Table

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Table Name | Column Name | Contents | Type | Length | Range /  Values | Req’d | Key | Remarks |
| city | Value | Lookup value for property | SMALLINT |  |  | Y | PK |  |
|  | Property | City of user | VARCHAR | 30 | Cities in Durham Region + a “prefer not to say” option | Y |  |  |

## Coffee/Tea table

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Table Name | Column Name | Contents | Type | Length | Range /  Values | Req’d | Key | Remarks |
| Coffee\_Tea | Value | Lookup value for property | SMALLINT |  |  | Y | PK |  |
|  | Property | User’s preference of coffee or tea | VARCHAR | 20 | “Coffee”, “Tea”, “Either”, “Neither | Y |  |  |

## Drinker table

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Table Name | Column Name | Contents | Type | Length | Range /  Values | Req’d | Key | Remarks |
| Drinker | Value | Lookup value for property | SMALLINT |  |  | Y | PK |  |
|  | Property | Whether the user drinks | VARCHAR | 20 | “No”, “Yes/not often”, “Yes/often” | Y |  |  |

## Eye colour Table

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Table Name | Column Name | Contents | Type | Length | Range /  Values | Req’d | Key | Remarks |
| Eye\_Colour | Value | Lookup value for property | SMALLINT |  |  | Y | PK |  |
|  | Property | Eye colour values | VARCHAR | 10 | “Brown”, “Blue”, “Other” | Y |  |  |

## Gender Table

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Table Name | Column Name | Contents | Type | Length | Range /  Values | Req’d | Key | Remarks |
| Gender | Value | Lookup value for property | SMALLINT |  |  | Y | PK |  |
|  | Property | Gender values | VARCHAR | 30 | “Male”, “Female” | Y |  |  |

## Gender\_Sought Table

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Table Name | Column Name | Contents | Type | Length | Range /  Values | Req’d | Key | Remarks |
| Gender\_Sought | Value | Lookup value for property | SMALLINT |  |  | Y | PK |  |
|  | Property | Gender values | VARCHAR | 30 | “Male”, “Female” | Y |  |  |

## Hair\_Colour Table

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Table Name | Column Name | Contents | Type | Length | Range /  Values | Req’d | Key | Remarks |
| Hair\_colour | Value | Lookup value for property | SMALLINT |  |  | Y | PK |  |
|  | Property | Hair colour of users | VARCHAR | 10 | “Brown”, “Blonde”, “Black”, “Red”, “Other” | Y |  |  |

## Highest\_Education Table

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Table Name | Column Name | Contents | Type | Length | Range /  Values | Req’d | Key | Remarks |
| Highest\_education | Value | Lookup value for property | SMALLINT |  |  | Y | PK |  |
|  | Property | Highest education status of users | VARCHAR | 30 | “Prefer not to say”, “High school”, “Some College”, “College Graduate”, “Some University”, “University Graduate” | Y |  |  |

## Profiles Table

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Table Name | Column Name | Contents | Type | Length | Range /  Values | Req’d | Key | Remarks |
| Profiles | user\_id | Login ID for the users | VARCHAR | 20 |  | Y | PK | References user\_id from users table |
|  | gender | User’s gender | SMALLINT |  |  | Y | FK | References value from gender table |
|  | gender\_sought | Gender user is seeking | SMALLINT |  |  | Y | FK | References value from gender\_sought table |
|  | city | City of user | INT |  |  | Y | FK | References value from city table |
|  | images | Images uploaded by user | SMALLINT |  |  | Y |  | Default value of 0 |
|  | headline | User-created headline | VARCHAR | 100 |  | Y |  |  |
|  | self\_description | Description of user | VARCHAR | 1000 |  | Y |  |  |
|  | match\_description | Description of what user is looking for | VARCHAR | 1000 |  | Y |  |  |
|  | bilingual | Bilingual status of user | SMALLINT |  |  | Y | FK | References value from bilingual table |
|  | drinker | Drinking status of user | SMALLINT |  |  | Y | FK | References value from drinker table |
|  | eye\_colour | Eye colour of user | SMALLINT |  |  | Y | FK | References value from eye\_colour table |
|  | hair\_colour | Hair colour of user | SMALLINT |  |  | Y | FK | References value from hair\_colour table |
|  | highest\_educaton | Highest education status of user | SMALLINT |  |  | Y | FK | References value from highest\_education table |
|  | religious | Religious status of user | SMALLINT |  |  | Y | FK | References value from religious table |
|  | smoker | Smoking status of user | SMALLINT |  |  | Y | FK | References value from smoker table |
|  | want\_children | Whether the user wants children | SMALLINT |  |  | Y | FK | References value from want\_children table |
|  | coffee\_tea | Whether the user prefers coffee or tea | SMALLINT |  |  | Y | FK | References value from coffee\_tea table |

## Religious Table

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Table Name | Column Name | Contents | Type | Length | Range /  Values | Req’d | Key | Remarks |
| religious | Value | Lookup value for property | SMALLINT |  |  | Y | PK |  |
|  | Property | Bilingual status of user | VARCHAR | 20 | “Prefer not to say”, “Yes”, “No” | Y |  |  |

## Smoker Table

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Table Name | Column Name | Contents | Type | Length | Range /  Values | Req’d | Key | Remarks |
| Smoker | Value | Lookup value for property | SMALLINT |  |  | Y | PK |  |
|  | Property | Smoker status of users | VARCHAR | 20 | “No”, “Yes/not often”, “Yes/often” | Y |  |  |

## Users Table

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Table Name | Column Name | Contents | Type | Length | Range /  Values | Req’d | Key | Remarks |
| Users | user\_id | Login ID for the users | VARCHAR | 20 |  | Y | PK | At least 6 characters, no longer than 20 |
|  | password | Password for the user login | VARCHAR | 32 |  | Y |  | At least 6 characters, no longer than 32 |
|  | user\_type | Store the type of user accessing the system | CHAR | 1 | c, a, i, d | Y |  | c = completed user  a = admin  i = incomplete user  d = disabled |
|  | email\_address | User’s email address | VARCHAR | 256 |  | Y |  | Must be valid email address |
|  | enrol\_date | The date the user registered on the site | DATE | N/A |  | Y |  |  |
|  | last\_access | The last date the user accessed the site | DATE | N/A |  | Y |  | Used to determine account availability; also for ordering profiles to be displayed |

## Want\_Children Table

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Table Name | Column Name | Contents | Type | Length | Range /  Values | Req’d | Key | Remarks |
| Want\_children | Value | Lookup value for property | SMALLINT |  |  | Y | PK |  |
|  | Property | Whether the user wants children | VARCHAR | 10 | “Undecided”, “Yes”, “No” | Y |  |  |