Success Criteria

The app must provide profiles of other users who meet the search filter criteria which are similar ages and location.

The app must allow the user to send friend and meet requests to other users and be able to accept.

The app must allow the user to create an account (username and password), put in their desired details, write an about me, add a profile picture, and select up to 6 interests.

The app must allow the user to update all profile information.

The app must give each user a unique user ID.

The app could use a tag system where each user can make up to 8 tags. Pre-existing tags do not count towards this total. The user could then add these tags to their profile and be able to search for other users with these tags on their profile.

The app could prevent users from uploading a profile picture if their age is under 18.

User Requirements

|  |  |
| --- | --- |
| Primary School Children | Fly-In Fly-Out Workers |
| Create Long-lasting friendships | Find friends when they are on their breaks |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Table Name | Field Name | PK/FK | Datatype | Unique | Required | Description |
| USER | ID | PK | INTEGER | Y | Y | Integer Autoincrement Primary Key |
|  | USERNAME |  | VARCHAR(128) | Y | Y |  |
|  | EMAIL |  | VARCHAR(128) | Y | Y |  |
|  | FORENAME |  | VARCHAR(128) | N | N |  |
|  | SURNAME |  | VARCHAR(128) | N | N |  |
|  | PASSWORD |  | VARCHAR(256) | N | Y |  |
|  | ABOUT\_ME |  | VARCHAR(2048) | N | N |  |
|  | SEX |  | VARCHAR(128) | N | Y |  |
|  | AGE |  | INTEGER | N | Y |  |
|  | STATUS |  | BOOLEAN | N | Y | Available, unavailable |
|  | INTEREST1 |  | VARCHAR(128) | N | N |  |
|  | INTEREST2 |  | VARCHAR(128) | N | N |  |
|  | INTEREST3 |  | VARCHAR(128) | N | N |  |
|  | INTEREST4 |  | VARCHAR(128) | N | N |  |
|  | INTEREST5 |  | VARCHAR(128) | N | N |  |
|  | INTEREST6 |  | VARCHAR(128) | N | N |  |
| FRIENDSHIP | ID | PK | INTEGER | Y | Y |  |
|  | SENDER\_ID | FK | VARCHAR(128) | N | Y |  |
|  | RECIEVER\_ID | FK | VARCHAR(128) | N | Y |  |
|  | STATUS |  | VARCHAR(128) | N | Y | Accepted, declined, pending |
| INTERESTS | ID | PK | INTEGER | Y | Y |  |
|  | NAME |  | VARCHAR(128) | Y | Y |  |
| TAGS | ID | PK | INTEGER | Y | Y |  |
|  | NAME |  | VARCHAR(128) | Y | Y |  |
|  | CREATOR\_ID | FK | VARCHAR(128) | N | Y |  |
| USER\_TAGS | USER\_ID | PK,FK | INTEGER | N | Y |  |
|  | TAG\_ID | PK,FK | INTEGER | N | Y |  |
| MEETINGS | ID | PK | INTEGER | Y | Y |  |
|  | SENDER\_ID | FK | INTEGER | N | Y |  |
|  | RECIEVER\_ID | FK | INTEGER | N | Y |  |
|  | STATUS |  | VARCHAR(128) | N | Y |  |
|  | LOCATION |  | VARCHAR(128) | N | Y |  |
| LOCATIONS | ID | PK | INTEGER | Y | Y |  |
|  | NAME |  | VARCHAR(128) | Y | Y |  |



