**User Schema for SE Hi-Run Application**

This will replace the Client and Runner tables/schema

**User**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **User Id\*** | **First Name\*** | **Last Name\*** | **Role\*** | **Phone # \*\*** | **Address** | **Apt No.** | **Additional Addr. Info** | **Zip Code** | **City\*** | **State\*** |

This is all one table

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Birthday\*\*** | **Rating (Runner)\*\*** | **Completed Runs (Runner)** | **Failed Runs (Runner)** | **Completed Runs (Client)** | **Total Runs (Client)** | **Is Admin** |

**\***denotes required field

\*\*denotes required field if role is Runner

**User Id PK–** auto-incrementing integer

**First Name/Last Name –** alphabetic string between 2 and 20 characters each

**Role –** the role(s) of the user, may be Runner, Client, or Both

**Phone # -** alphanumeric formatted field e.g. (210) 555-1234

**Address –**alphanumeric field between 5 and 30 characters

**Apt No. –** Alphanumeric string, max 10 characters

**Additional Address Info –** Alphanumeric string for any additional information needed for delivery

**Zip Code –** numeric string/integer 5 characters long

**City –** alphabetic field between 3 and 20 characters long

**State –** alphabetic field between 4 and 20 characters long

**Birthday –** alphanumeric string representing runner’s birthday and age, format mm-dd-yyyy

**Rating (Runner) –** double field that shows the current rating of the runner, max 5

**Completed Runs (Runner)** – integer field that represents the number of runs to a client that have been completed

**Failed Runs (Runner)** – integer field that represents the number of runs that have been accepted by the runner but that the runner failed to complete

**Completed Runs (Client)** – integer field that represents the number of runs to the client that have been completed

**Total Runs (Client)** – integer field that represents the number of runs that have been accepted by the client, Runs that the runner fails to complete will not be counted here

**Is Admin –** integer field will be left empty unless the user is an administrator

**Additional Notes:**

* When signing up, the user will have a choice of being a runner or a client. If signing up to be a client, the account is created immediately. If signing up to be a runner, the user must wait for approval from an admin.
* Client Ratings will be out 100 percent and will be calculated by dividing the number of completed runs by the number of total runs
* Runner Ratings will be out 5 and will be given by clients that have been serviced by the runner. The initial rating will be set to 3.
* There should some sort of age limit in order to be a runner. Obviously a runner who is underage will not be able to perform certain tasks such as buying alcohol.
* At this point, creating a Admin Client User will require direct access to the Database to create

**User Auth**

|  |  |  |
| --- | --- | --- |
| **Uid\*** | **Username\*** | **Password Hash\*** |

\* denotes required field

**Uid** – foreign key to **Client Id** above

**Username –** alphanumeric string between 5 and 20 characters long

**Password Hash** – alphanumeric hash for the client’s password

**(Uid, Username) PK**