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