Database Table Design for There and Back Again Safe Pedestrian Routing App

Routes

- 🔑 route_id INT PK
- 🔑 user_id INT FK
- route_name VARCHAR(20)
- src_lat FLOAT
- src_lon FLOAT
- dest_lat FLOAT
- dest_lon FLOAT
- safety_rating INT

Users

- 🔑 user_id INT PK
- user_name VARCHAR(20)
- email VARCHAR(50)
- password VARCHAR(15)

Emergency_Contacts

- 🔑 contact_id INT PK
- 🔑 user_id INT FK
- contact_name VARCHAR (100)
- phone_number INT

Routes 1..* —— 0..1 Users 0..1 —— 1..* Emergency_Contacts