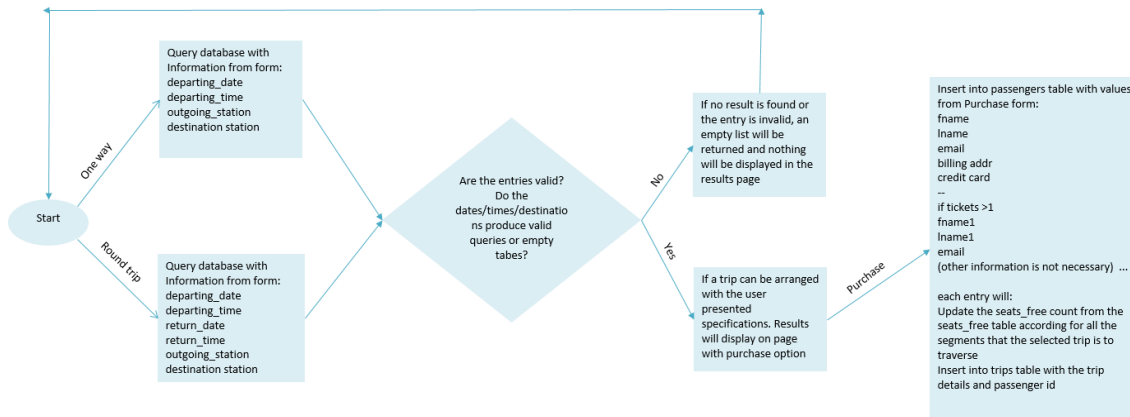# DB-Railroad
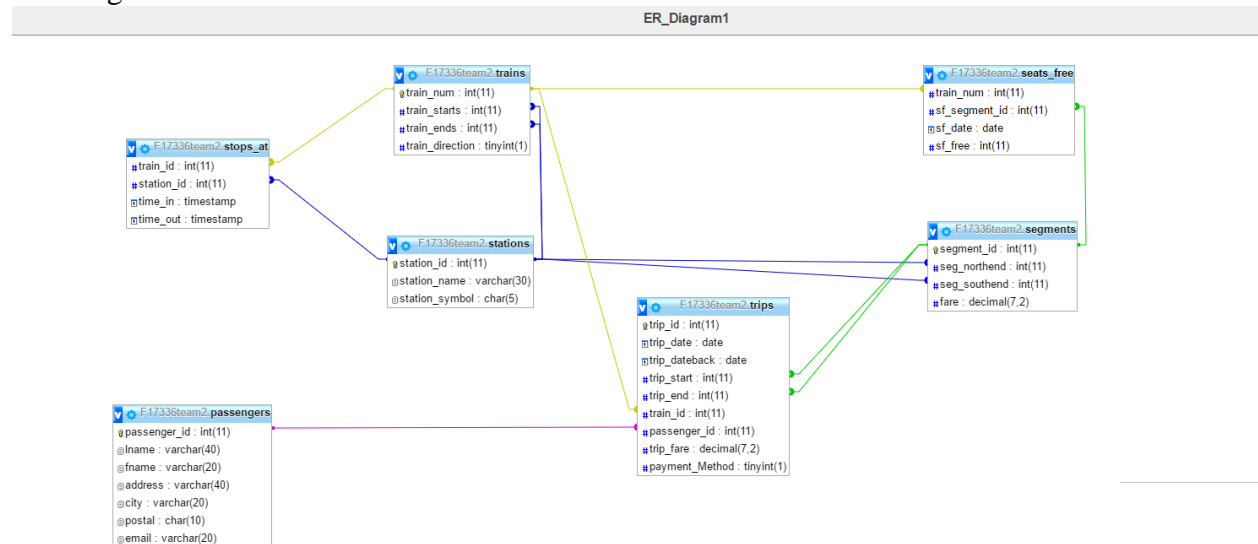# PROGRESS REPORT
Team 2: Claudia Yan, Emmanuel Simkhayev, Edward Chin, Zhirayr Abraham

Flow Chart

ER Diagram

<u>Project details</u>

Language: Python 3

Web Application: Flask

GUI: Materialize (front-end css framework)

Further instructions on additional packages can be installed from the requirements.txt on repo.

Note: Added Professor Barnett as a collaborator.

Our goal of project part 1 is to have a Flask application where users can check for one way or round trips with their specified dates and times. If a user finds a trip to suit their needs, they will select it and go to a second form to input additional information to purchase the ticket. So far all the necessary forms have been set up and the values are accessible in the python script so they can be used for database queries. The main thing that needs to be done is getting the queries from the database to get a ticket from point A to point B. To connect to the team database, we are looking to use the Flask-MySQLdb package that can connect us to a MySQL database with the host address and password. The issue with this package, is that we do not know how to work around the ssh switch. With the flow chart and ER diagram done, understanding of the setup and connections in the database is good.