

## Project Checklist

Note: The values in brackets [] are sample inputs that are shown in the demo video.

### I. Account functionality

- ☒ ~~register customers~~ [Carlos, Sainz, cs55, formula, cs55@gmail.com]
- ☒ ~~login~~ (for all customers, admin, customer reps)
  - ☒ ~~Customer~~ [dd1035, trains123]
  - ☒ ~~Customer Rep~~ [jane, trains]
  - ☒ ~~Admin~~ [admin, admin]
- ☒ ~~Logout~~
  - ☒ ~~Customers~~
  - ☒ ~~Customer Reps~~
  - ☒ ~~Admin~~

### II. Browsing and search functionality - [Livingston, Busch, 11/19/2025] with each sort

- ☒ ~~search for train schedules by origin, destination, date of travel~~
- ☒ ~~browse the resulting schedules~~
  - ☒ ~~see all the stops a train will make, fare etc.~~
- ☒ ~~sort by different criteria~~
  - ☒ ~~Departure Time: Earliest to Latest~~
  - ☒ ~~Departure Time: Latest to Earliest~~
  - ☒ ~~Arrival Time: Earliest to Latest~~
  - ☒ ~~Arrival Time: Latest to Earliest~~
  - ☒ ~~Fare: Low to High~~
  - ☒ ~~Fare: High to Low~~

### III. Reservations - [Livingston, Busch, 11/19/2025, Violet, Child, Roundtrip], [Livingston, Busch, 11/19/2025, Violet, No Discount, One-way]

- ☒ ~~a customer should be able to make a reservation for a specific route (round-trip/one-way)~~
- ☒ ~~get a discount in case of child/senior/disabled~~
- ☒ ~~cancel existing reservation~~
- ☒ ~~view current and past reservations with their details (separately)~~

### IV. Customer representative

- ☒ ~~edit and delete information for train schedules~~ [EDIT: Maroon, Fare: 80], [DELETE: Maroon]
- ☒ ~~customers~~ browse questions and answers
- ☒ ~~customers~~ search questions by keywords [reservation, account]
- ☒ ~~customers~~ send a question to the customer service [Can I buy a

- ☒ ~~ticket for senior citizens?~~ **[Yes, be sure to select SENIOR discount.]**
- ☒ ~~produce a list of train schedules for a given station (as origin/destination)~~ **[Livingston]**
- ☒ ~~produce a list of all customers who have reservations on a given transit line and date~~ **[Violet, 11/19/2025]**

## V. Admin functions

- ☒ ~~Admin (create an admin account ahead of time)~~
- ☒ ~~best customer~~
- ☒ ~~best 5 most active transit lines~~
- ☒ ~~produce a listing of revenue per~~
  - ☒ ~~transit line~~
  - ☒ ~~customer name~~
- ☒ ~~add, edit and delete information for a customer representative~~
  - ☒ ~~Add~~ **[100167777, Charles, Ferrari, cl16, formula]**
  - ☒ ~~Edit~~ **[Last Name: Leclerc]**
  - ☒ ~~Delete~~ **[Charles Leclerc]**
- ☒ ~~obtain sales reports per month~~
- ☒ ~~produce a list of reservations~~
  - ☒ ~~by transit line~~ **[violet]**
  - ☒ ~~by customer name~~ **[john123]**