**Costa Express Internal QA Checklist**

Run the following in DataGrip:

* createDB.sql
* getpricefunction.sql
* updatePhase3\_v2.sql
* updatePhase3\_v3.sql
* updatePhase3\_v4.sql

Run the following commands in Terminal (for Mac):

* make
* java -cp postgresql-42.2.18.jar:. dbpack/CostaExpress

[Admin] - Import data to populate the table:

* Admin > Login with password > AllData.txt, with no file name, and select ‘Import’
* (can use SELECT statements to verify tables have been populated)

Run this in DataGrip:

* updatePhase3\_v1.sql
* (verify that stop\_seatcount table has been updated with the command `SELECT \* FROM stop\_seatcount;`)

[Agent] - Add customer

* input the required info you should get a customer ID of 1 generated and printed on the screen, meaning you have successfully added a new customer

[Agent] - Edit/View customer

* customer ID: 1 will give you the info you just entered
* changing "phone number", "street", "town", or "postal code" and click "save" to update info
* customer ID: 1 will give you the updated info

[Agent] - Search database: single route search

* sample input: start station 1, end station 40, day Tuesday (first letter needs to be capitalized), order by shortest time
* click "search"

[Agent] - Search database: combo route search

* sample input: start station 1, end station 11, day Saturday (first letter needs to be capitalized), order by fewest stops
* click "search"
* (might take 10 seconds to return the search result)

[Agent] - Advanced search (a)

* sample input: station 4, day Tuesday, time 00:01:00
* click "search"

[Agent] - Advanced search (b)

[Agent] - Advanced search (c)

[Agent] - Advanced search (d)

[Agent] - Advanced search (e)

* no inputs needed to display the search results

[Agent] - Advanced search (f)

* sample input: station 22
* click "search"

[Agent] - Advanced search (g)

* sample input: percentage 50
* click "search"

[Agent] - Advanced search (h)

* sample input: route 22
* click "search"

[Agent] - Advanced search (i)

* sample input: route 4192, day Wednesday (first letter needs to be capitalized), time 09:49:00
* click "search"

[Agent] - Add reservation

* sample input:
  + start station 9, end station 36
  + day Wednesday (first letter needs to be capitalized)
  + time 04:40
  + route: 91
* click "get price"
* sample input:
  + adjustments yes, customer ID 1, amount paid 50
* click "add reservation"

[Agent] - Edit reservation

* sample input: customer ID 1, payment 84.46
* click "get reservation"
* sample input: changes one of the fields on customer info
* click "save"