

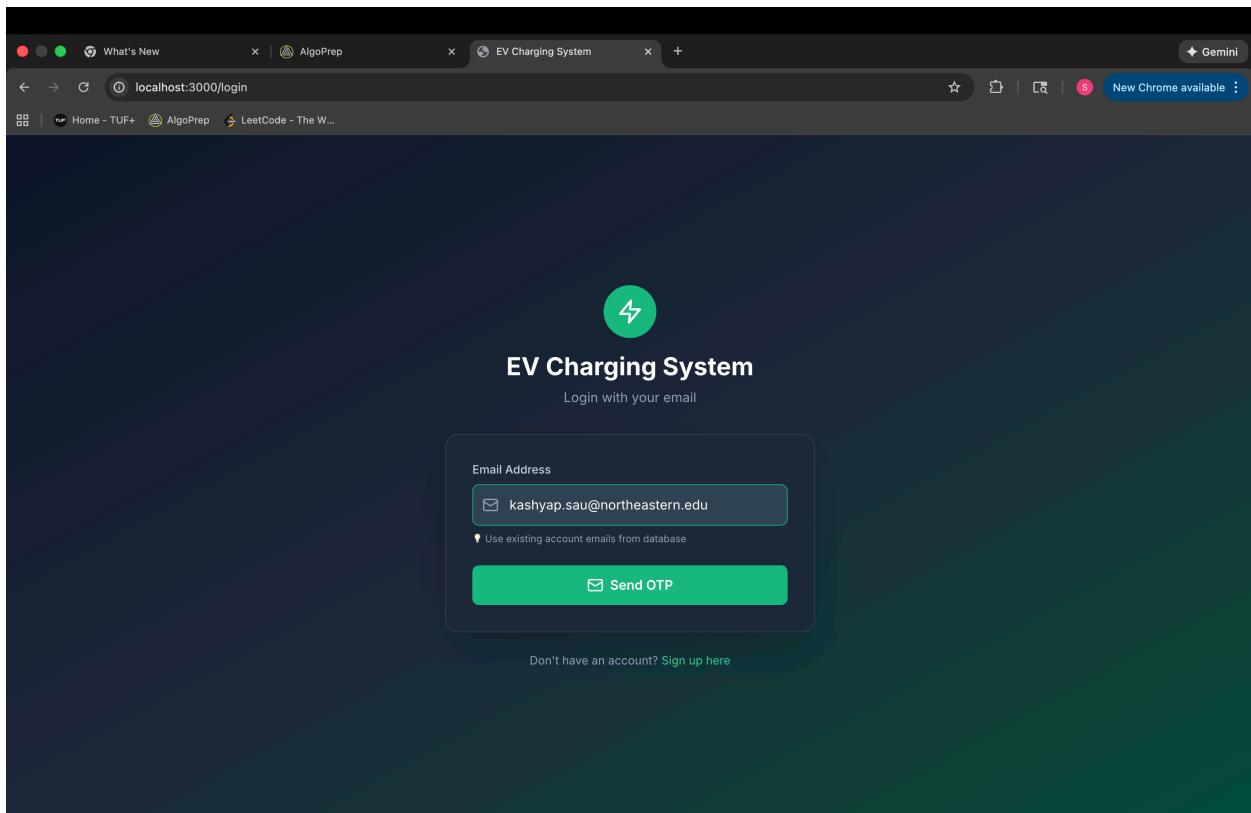
DAMG6210

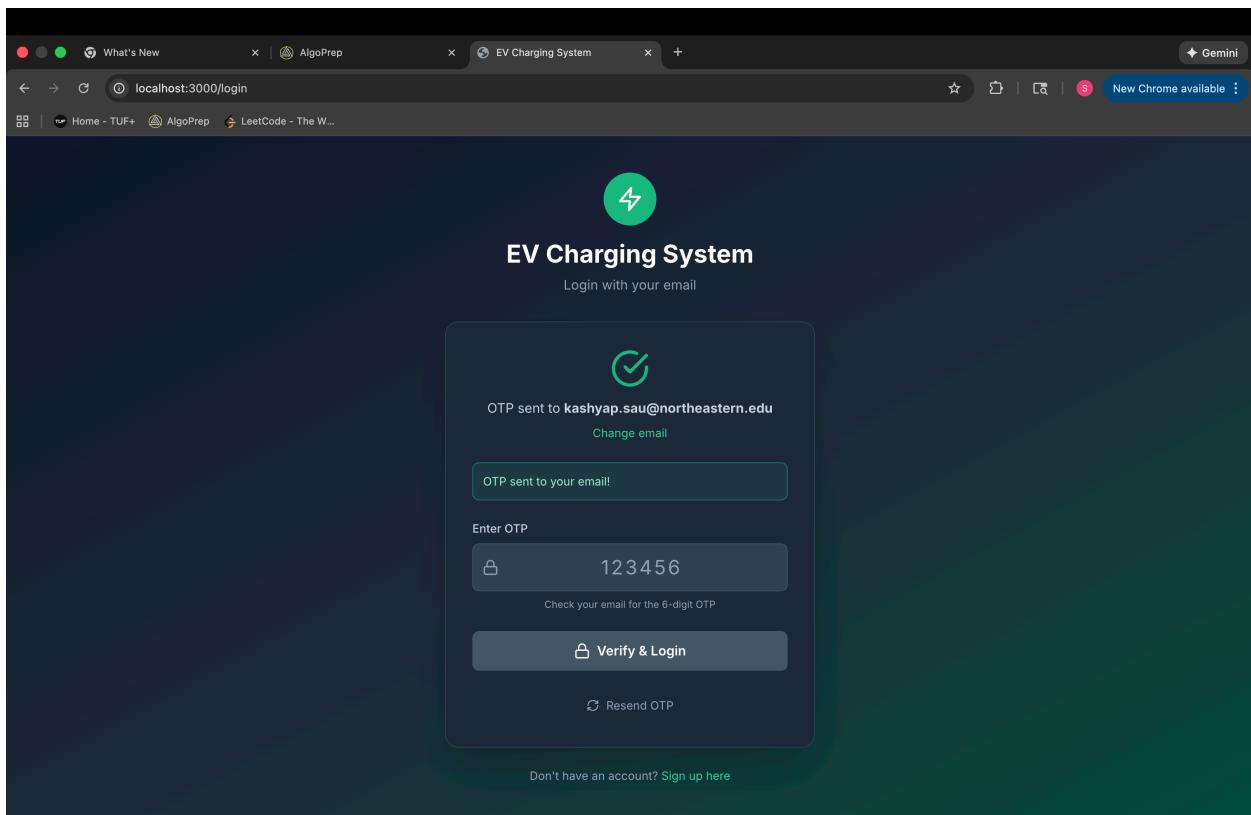
GROUP_02

GUI of Our Project – EV Charging System

Code: https://github.com/starsbro/DAMG6210_Group02

Screenshots:-





The screenshot shows the EV Charging System's dashboard for a user named Saurabh. The top navigation bar includes links for "EV Charge", "Dashboard" (which is active), "Stations", "My Vehicles", "Reservations", "Sessions", "Billing", "Saurabh" (with a "Premium" badge), and "Logout". A green header bar welcomes "Welcome back, Saurabh! ⚡" and indicates "Premium Member". The dashboard features several cards: "My Vehicles" (1 vehicle), "Active Reservations" (3 reservations), "Total Sessions" (6 sessions), and "Energy Used" (78.0 kWh). Below this, a "Quick Actions" section offers "Find Stations", "Book Charging", and "View Bills". At the bottom, summary statistics show "Total Billed" (\$26.97), "Total Paid" (\$26.97), and "Balance Due" (\$0.00).

Total Billed	Total Paid	Balance Due
\$26.97	\$26.97	\$0.00

 EV Charge [Dashboard](#) [Stations](#) [My Vehicles](#) [Reservations](#) [Sessions](#) [Billing](#) [Saurabh](#) [Premium](#) [Logout](#)

📍 Charging Stations

10 stations available

Beacon Hill EV

📍 12 Beacon St, Boston, MA

2 Available	0 In Use	0 Out of Service
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⌚ 24/7 Open ⚡ 2 Charge Points

Circular Quay EV

📍 1 Circular Quay, Sydney, NSW

1 Available	0 In Use	0 Out of Service
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⌚ 24/7 Open ⚡ 1 Charge Points

Harbourfront Station

📍 150 King St, Toronto, ON

1 Available	0 In Use	0 Out of Service
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⌚ 24/7 Open ⚡ 1 Charge Points

King St EV

📍 88 Queen St, Sydney, NSW

0 Available	0 In Use	0 Out of Service
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⌚ 1970- - 1970 ⚡ 0 Charge Points

Magnificent Mile CS

📍 400 Michigan Ave, Chicago, IL

1 Available	0 In Use	0 Out of Service
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Market St Chargers

📍 200 Market St, San Francisco, CA

0 Available	1 In Use	0 Out of Service
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 EV Charge [Dashboard](#) [Stations](#) [My Vehicles](#) [Reservations](#) [Sessions](#) [Billing](#) [Saurabh](#) [Premium](#) [Logout](#)

🚗 My Vehicles



DDC-9292

Tesla Model-3

⌚ Battery: 73.5 kWh
🔌 Connector: Type 2

 EV Charge

Dashboard Stations My Vehicles Reservations Sessions Billing Saurabh Premium Logout

My Reservations

Beacon Hill EV Completed

12 Beacon St, Boston, MA

Charge Point #1 • Level 2 • 7.2 kW

11/24/2025, 6:43:00 PM - 6:44:13 PM

Beacon Hill EV Cancelled

12 Beacon St, Boston, MA

Charge Point #1 • Level 2 • 7.2 kW

11/24/2025, 8:09:00 AM - 9:09:00 AM

Harbourfront Station Completed

150 King St, Toronto, ON

Charge Point #6 • Level 2 • 7.2 kW

11/24/2025, 3:53:00 AM - 3:54:33 AM

Magnificent Mile CS Confirmed

400 Michigan Ave, Chicago, IL

Charge Point #7 • Level 2 • 7.2 kW

11/24/2025, 3:42:00 AM - 7:41:00 AM

Beacon Hill EV Completed

 EV Charge

Dashboard Stations My Vehicles Reservations Sessions Billing Saurabh Premium Logout

Charging Stations

Beacon Hill EV

12 Beacon St, Boston, MA

2 Available

24/7 Open

Harbourfront Station

150 King St, Toronto, ON

1 Available

24/7 Open

Magnificent Mile CS

400 Michigan Ave, Chicago, IL

1 Available

0 In Use

Book Charge Point

Level 2 • 7.2 kW

Select Vehicle *

Tesla Model-3 (DCD-9292)

Start Time

11/29/2025, 03:29 AM

End Time

11/29/2025, 04:29 AM

Booking Summary

Station:	Beacon Hill EV
Charge Point:	#2
Vehicle:	DCD-9292

Confirm Booking

10 stations available

Out of Service

1 Charge Points

Out of Service

0 Charge Points

In Use

Out of Service

EV Charge Dashboard Stations My Vehicles Reservations Sessions Billing Saurabh Premium Logout

My Reservations

Beacon Hill EV Pending

12 Beacon St, Boston, MA
Charge Point #2 • Level 2 • 7.2 kW

11/28/2025, 9:31:00 PM - 4:29:00 AM

Start Charging

Beacon Hill EV Completed

12 Beacon St, Boston, MA
Charge Point #1 • Level 2 • 7.2 kW

11/24/2025, 6:43:00 PM - 6:44:13 PM

Beacon Hill EV Cancelled

12 Beacon St, Boston, MA
Charge Point #1 • Level 2 • 7.2 kW

11/24/2025, 8:09:00 AM - 9:09:00 AM

Harbourfront Station Completed

150 King St, Toronto, ON
Charge Point #6 • Level 2 • 7.2 kW

11/24/2025, 3:53:00 AM - 3:54:33 AM

EV Charge Dashboard Stations My Vehicles Reservations Sessions Billing Saurabh Premium Logout

My Reservations

Beacon Hill EV Pending

12 Beacon St, Boston, MA
Charge Point #2 • Level 2 • 7.2 kW

Start Charging

Beacon Hill EV Completed

12 Beacon St, Boston, MA
Charge Point #1 • Level 2 • 7.2 kW

Beacon Hill EV Cancelled

12 Beacon St, Boston, MA
Charge Point #1 • Level 2 • 7.2 kW

Harbourfront Station Completed

150 King St, Toronto, ON
Charge Point #6 • Level 2 • 7.2 kW

Start Charging Session

Session Details

Station: Beacon Hill EV
Charge Point: #2

Select Vehicle

Tesla Model-3 (DCD-9292)

Cancel Start

EV Charge Dashboard Stations My Vehicles Reservations Sessions Billing Saurabh Premium Logout

My Reservations

Charging In Progress Beacon Hill EV

Vehicle: Tesla Model-3

Charge Point: #2 • Level 2

Elapsed Time: 00:00:06

Stop Charging

Beacon Hill EV Confirmed

12 Beacon St, Boston, MA

Charge Point #2 • Level 2 • 7.2 kW

11/28/2025, 9:31:00 PM - 4:29:00 AM

Beacon Hill EV Completed

12 Beacon St, Boston, MA

Charge Point #1 • Level 2 • 7.2 kW

11/24/2025, 6:43:00 PM - 6:44:13 PM

Beacon Hill EV Cancelled

EV Charge Dashboard Stations My Vehicles Reservations Sessions Billing Saurabh Premium Logout

My Reservations

Charging In Progress Beacon Hill EV

Vehicle: Tesla Model-3

Elapsed Time: 00:00:26

Stop Charging Session

Charging Duration: 00:00:26

Energy Consumed (kWh): 25.5

Pricing: \$0.50/kWh + \$2.00/hour

Cancel Stop & Generate Invoice

Beacon Hill EV Confirmed

12 Beacon St, Boston, MA

Charge Point #2 • Level 2 • 7.2 kW

9:00 AM

Beacon Hill EV Completed

12 Beacon St, Boston, MA

Charge Point #1 • Level 2 • 7.2 kW

11/24/2025, 6:43:00 PM - 6:44:13 PM

Beacon Hill EV Cancelled

EV Charge Dashboard Stations My Vehicles Reservations Sessions Billing Saurabh Premium Logout

My Reservations

Charging In Progress
Beacon Hill EV
Vehicle: Tesla Model-3

Beacon Hill EV Confirmed
12 Beacon St, Boston, MA
Charge Point #2 • Level 2 • 7.2 kW

Beacon Hill EV Completed
12 Beacon St, Boston, MA
Charge Point #1 • Level 2 • 7.2 kW

Beacon Hill EV Cancelled

Stop Charging Session

Charging Duration: 00:00:45

Energy Consumed (kWh): 10

Pricing: \$0.50/kWh + \$2.00/hour

Energy Cost: \$5.00
Time Cost (0.01 hrs): \$0.03
Estimated Total: \$5.03

00:00:45 Elapsed Time
9:00 AM 14:13 PM

EV Charge Dashboard Stations My Vehicles Reservations Sessions Billing Saurabh Premium Logout

My Reservations

Beacon Hill EV Confirmed
12 Beacon St, Boston, MA
Charge Point #2 • Level 2 • 7.2 kW

Beacon Hill EV Completed
12 Beacon St, Boston, MA
Charge Point #1 • Level 2 • 7.2 kW

Beacon Hill EV Cancelled
12 Beacon St, Boston, MA
Charge Point #1 • Level 2 • 7.2 kW

Harbourfront Station Completed
150 King St, Toronto, ON
Charge Point #6 • Level 2 • 7.2 kW

Charging Complete!
Your invoice has been generated

Invoice #	2002
Energy Consumed	10 kWh
Energy Cost	\$5.00
Duration	0.02 hours
Time Cost	\$0.04
Rate	\$0.50/kWh + \$2.00/hr
Total Amount	\$5.04

3:07 PM 14:13 PM 19:00 AM 04:33 AM

EV Charge

Dashboard Stations My Vehicles Reservations Sessions Billing Saurabh Premium Logout

My Reservations

Beacon Hill EV Confirmed
12 Beacon St, Boston, MA
Charge Point #2 • Level 2 • 7.2 kW

Beacon Hill EV Completed
12 Beacon St, Boston, MA
Charge Point #1 • Level 2 • 7.2 kW

Beacon Hill EV Cancelled
12 Beacon St, Boston, MA
Charge Point #1 • Level 2 • 7.2 kW

Harbourfront Station Completed
150 King St, Toronto, ON
Charge Point #6 • Level 2 • 7.2 kW

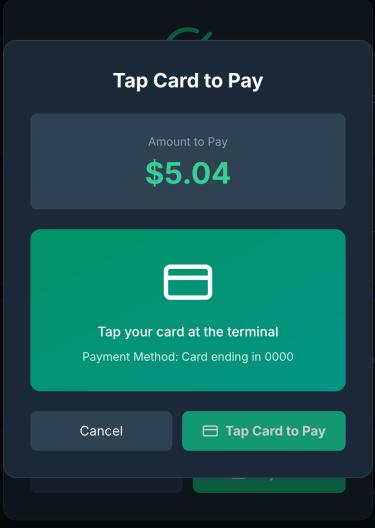
Tap Card to Pay

Amount to Pay
\$5.04

Tap your card at the terminal
Payment Method: Card ending in 0000

Cancel Tap Card to Pay

3:07 PM 9:00 AM 4:13 PM 4:33 AM



EV Charge

Dashboard Stations My Vehicles Reservations Sessions Billing Saurabh Premium Logout

Billing & Invoices

Invoice #2002 \$5.04 Paid
Issue Date: 11/28/2025

Charging Session Details

Session ID	Energy	Start Time	End Time
#2002	10 kWh	11/28/2025, 9:31:53 PM	11/28/2025, 9:33:07 PM

Invoice #1004 \$7.81 Paid
Issue Date: 11/23/2025

Charging Session Details

Session ID	Energy	Start Time	End Time
#1002	15 kWh	11/24/2025, 2:25:15 AM	11/24/2025, 2:34:39 AM

Invoice #1005 \$6.11 Paid
Issue Date: 11/23/2025

Charging Session Details

Session ID	Energy	Start Time	End Time
#1003	10 kWh	11/24/2025, 2:47:00 AM	11/24/2025, 2:50:16 AM

EV Charge Dashboard

EV Charge Operator

Operator Dashboard

Manage charging stations and monitor charge points

Total Stations: 10

Total Charge Points: 10

Available: 7

Out of Service: 1

Charging Stations

Beacon Hill EV

12 Beacon St, Boston, MA 02108

1970-01-01T00:00:00.000Z - 24 Hours

Available: 2 | In Use: 0 | Out of Service: 0

Circular Quay EV

1 Circular Quay, Sydney, NSW 2000

1970-01-01T00:00:00.000Z - 24 Hours

Available: 1 | In Use: 0 | Out of Service: 0

EV Charge Operator

Operator Dashboard

Manage charging stations and monitor charge points

Total Stations: 10

Total Charge Points: 10

Available: 7

Out of Service: 1

Charging Stations

Beacon Hill EV

12 Beacon St, Boston, MA 02108

1970-01-01T00:00:00.000Z - 24 Hours

Available: 2 | In Use: 0 | Out of Service: 0

Charge Points Management

CP #1 Level 2
7.2 kW
Available
Set Maintenance

CP #2 Level 2
7.2 kW
Available
Set Maintenance