Vehicle Reservation System

Email address

Password

Submit   Forgot password?

Manage Fleet

Upcoming Reservations

Reserver	Start Date and Time	End Date and Time	Vehicle	Type	Pickup Location	Justification
John Smith	March 20, 2018 9:00am	March 20, 2018 10:30am	Toyota Prius (ABC7A5)	Electric Vehicle	DEM Lot	N/A
Josiah Carberry	April 15, 2018 3:00pm	April 15, 2018 3:30pm	Ford Explorer (7A6FAC)	Gas Vehicle	DEM Lot	Needed for kayak transpor

Past Reservations

Start Date and Time	End Date and Time	Vehicle	Type	Report
March 20, 2016 9:00am	March 20, 2018 10:30am	Toyota Prius (ABC7A5)	Electric Vehicle	View
April 15, 2017 3:00pm	April 15, 2018 3:30pm	Ford Explorer (7A6FAC)	Gas Vehicle	View

+ Make a new reservation

Upcoming Reservations

Start Date and Time	End Date and Time	Vehicle	Type	Pickup Location	Change	
March 20, 2018 9:00am	March 20, 2018 10:30am	Toyota Prius (ABC7A5)	Electric Vehicle	DEM Lot	Edit	Cancel
April 15, 2018 3:00pm	April 15, 2018 3:30pm	Ford Explorer (7A6FAC)	Gas Vehicle	DEM Lot	Edit	Cancel

Past Reservations

Start Date and Time	End Date and Time	Vehicle	Type	Justification	Report
March 20, 2016 9:00am	March 20, 2018 10:30am	Toyota Prius (ABC7A5)	Electric Vehicle	N/A	Submit
April 15, 2017 3:00pm	April 15, 2018 3:30pm	Ford Explorer (7A6FAC)	Gas Vehicle	Needed extra trunk room.	Submit

+ Make a new reservation

Upcoming Reservations

Start Date and Time	End Date and Time		Change	
March 20, 2018 9:00am	March 20, 2018 10:30am		Edit	Cancel
April 15, 2018 3:00pm	April 15, 2018 3:30pm		Edit	Cancel

Past Reservations

Start Date and Time	End Date and Time		Report
March 20, 2016 9:00am	March 20, 2018 10:30am		Submit
April 15, 2017 3:00pm	April 15, 2018 3:30pm	m.	Submit

Reserve a DEM Vehicle

Reservation Start	mm / dd / yyyy	-- : -- --
Reservation End	mm / dd / yyyy	-- : -- --
Pickup Location		
Destination		

Extra features
☐ Extra trunk space
☐ Off-roading capabilities
☐ Equipment rack

Remind me
☐ Email ☐ Text ☐ Outlook notification
☐ One day before ☐ One hour before

Make Reservation   Cancel

View Reservations   **Add a Vehicle**

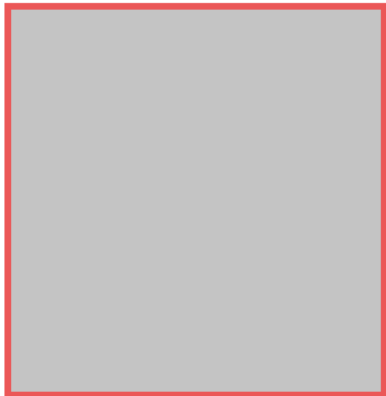| Make	Model	Year	Color	Plate Number	Type	Change	
Toyota	Prius	2014	Silver	A75AF2	Hybrid	Edit	Remove
Dodge	Intrepid	2003	Blue	73769A	Gas	Edit	Remove

ALL RESERVATIONS
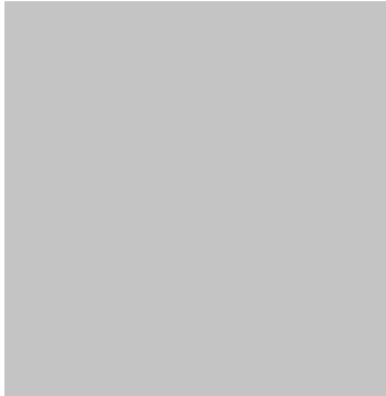
John Smith

GBR-228

Silver 2016 Chevy Volt (EV)

From: 4:00PM Saturday 3/10/18
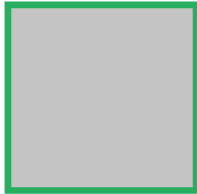To: 7:00PM Saturday 3/10/18

Josiah Carberry

PLO-908

Green 2015 Honda Accord (Gas)
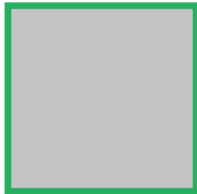
From: 1:00PM Sunday 3/11/18
To: 7:00PM Sunday 3/11/18

ALL VEHICLES
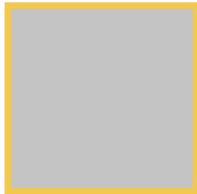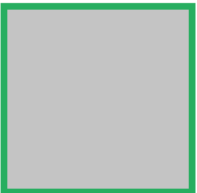
GBR-228

Silver 2016 Chevy Volt (EV)

ABC-123

Red 2014 Chevy Volt (EV)

DGB-673

Blue 2013 Toyota Prius (EV)

PLO-908

Green 2015 Honda Accord (Gas)

Select an alternative vehicle:

GBR-228
Silver 2016 Chevy Volt (EV)

ABC-123
Red 2014 Chevy Volt (EV)

PLO-908
Green 2015 Honda Accord (Gas)

Submit

GBR-228

Silver 2016 Chevy Volt (EV)

From: 4:00PM Saturday 3/10/18
To: 7:00PM Saturday 3/10/18

Pickup Location

Decline

Accept

DEM
RHODE ISLAND

Department Vehicle Reservation System

Username

Password

Login

NEW RESERVATION

Date

Time

Destination

- [ ] 4 X 4 Required
- [ ] Additional Trunk Space
- [ ] Equipment Rack

Reserve

Please indicate why the assigned car does not meet your needs. This response will be reviewed by an admin, and you may be contacted if your reasoning is insufficient.

Go Back

Submit

MY RESERVATIONS

GBR-228

Silver 2016 Chevy Volt (EV)

From: **4:00PM** Saturday 3/10/18
To: **7:00PM** Saturday 3/10/18

Cancel
Pickup Location

ABC-123

Red 2016 Chevy Volt (EV)

From: **10:00AM** Tuesday 3/13/18
To: **1:30PM** Tuesday 3/13/18

Cancel
Pickup Location

Electric Car Reservation System
Department of Environmental Management

Goals:

- Encourage the usage of electric vehicles.
    - o Make it opt-out vs opt-in
- Make the system easy to use.
- Allow admins to manage the fleet.
- Collect useful data for DEM.
- Potentially create educational pages to dispel fears of electric vehicles.

Useful Statistics:

- 3 electric vehicles used equals 98 kg greenhouse gas / day.
- Equivalently, that's 36 gallons of gasoline.
- That would be *1640 kg* of greenhouse gases / year.

Project Specifications:

<u>All Users:</u>

- Create account and log in
- Restrict to users with specific email domain

<u>Admin User:</u>

- Manage fleet (add/delete vehicles)
    - o Take vehicles out for service
- View feedback about vehicle condition
    - o Get emails when feedback added
- See / export collected vehicle data

<u>End User:</u>

- Make a reservation
    - o Pick-up location, destination, time length
    - o Integrate with Google Maps API for distance/time
    - o EV option is presented first- make it more difficult to use gas
- View/edit existing reservation
    - o Cancel if needed
    - o See user information
- Get reminded about reservation
    - o Via email and/or text
    - o After reservation
    - o Prompt for feedback