User - username : String - email: String - password: String - userID: double + viewProfile() +signIn() +signOut() Rider - riderName: String - riderLocation: String - riderDestination: String - numSeats: int - carbonEmissionGoal: int + getDriverInfo(): String + setLocation() : String + setDestination(): String + setCarbonGoal(): int + requestRide() + cancelRide() + payDriver(): double

GraphCreator

- currentAverageGasPrice : double
- expectedTripCost : double
- carbonEmissionValue : double
- milesPerGallon: int

Driver

- driverName: String

- departure: String

- destination: String

- numSeats: int

+ cancelRide()

- milesPerGallon: double

+ getPassengerInfo() : String

+ setDestination(): String

+ setDeparture(): String

- + drawCarbonEmissionGraph()
- + drawTotalMoneySavedGraph()
- + drawTotalGasUsedGraph()
- + drawExpectedCostGraph ()