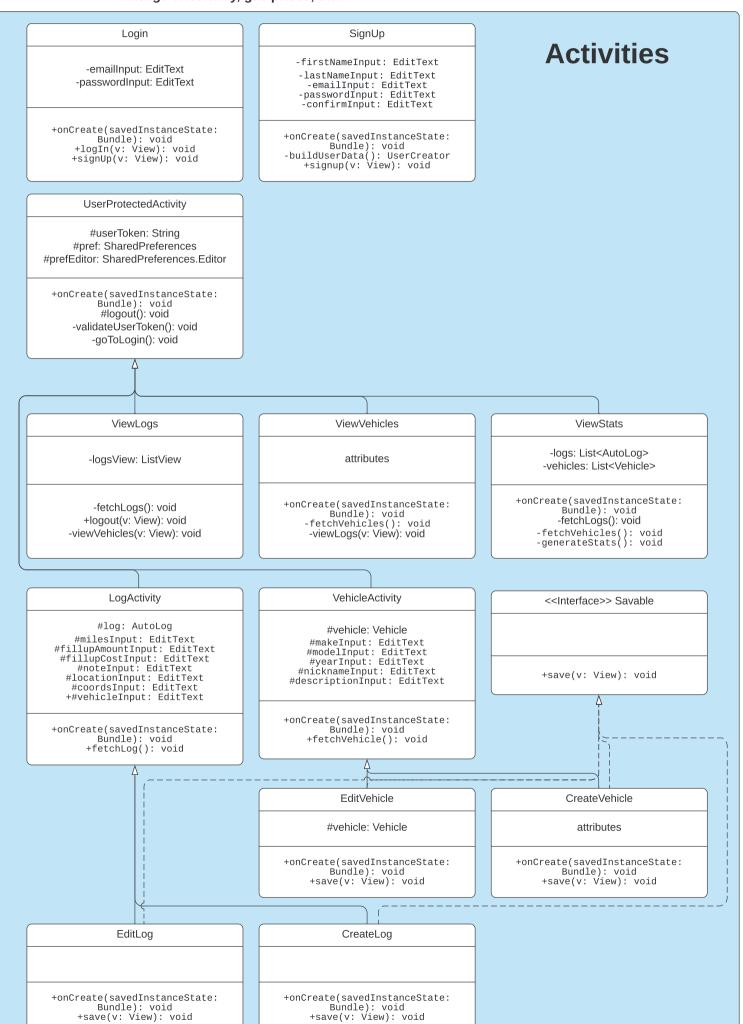
Overview:

AutoLogs is an application that allows users to sign up and make logs for their vehicles. The logs will keep track of various statistics and use them to help the user make informed decisions.

MVP Features:

- A user can sign up and log in
- A user can register vehicles
- A user can create a mileage/fuel log for their vehicle as they get fillups.
- A user can see reports on interesting data like mileage effeciency, gas prices, etc...

Lief Ramsey Flise Halterman Matt Hummer Jordan Newberry



Vehicle

+id: int +make: String +model: String +year: String +nickname: String +description: String +owner: int

+toString(): String

AutoLog

+id: int +10: Int +miles: float +fillupAmount: float +fillupCost: float +note: String +location: String +coords: String +user: int +vehicle: int

+toString: String

Models

User

+email: String +firstName: String
+lastName: String
+nickname: String
+description: String

+fullName(): String

AutoLogsServices

-userToken: String

-buildBaseurl(): String -buildLogsUrl(): String -buildLogUrl(logId: int): String -buildVehiclesUrl(): String -buildVehicleUrl(vehicleId: int): String -buildMISCAPIUrl(): String -buildUsersUrl(): String -buildUserUrl(): String -buildSessionUrl(): String

+getLogs(): List<AutoLog> +getLog(logId: int): AutoLog +createLog(log AutoLog): AutoLog +updateLog(log AutoLog): AutoLog +deleteLog(log AutoLog): AutoLog

+getVehicles(): List<Vehicle> +getVehicle(vehicleId: int): Vehicle +createVehicle(vehicle: Vehicle): Vehicle +updateVehicle(vehicle: Vehicle): Vehicle +deleteVehicle(vehicle: Vehicle): Vehicle

+whoAmI(): User +login(credentials: LoginCredentials): LoginResponse +signUp(newUser: UserCreator): LoginResponse

Services

UserCreator

+password: String +confirmPassword: String

LoginResponse

+user: User +userToken: String +error: String

+hasError: boolean

LoginCredentials

+email: String +password: String

QuickHTTP

-userToken: String

-getBaseConnection(url String):
 HttpURLConnection
 -buildQueryString(paramHash:
HashMap<String, String>): String
 -readResponse(connection:
 HttpURLConnection): String
 -writeData(connection:
HttpURLConnection, data: String):
 void