## **UML Class Diagram for BusStation**

Mayar Abu zeid | April 12, 2019 <<interface>> people **Imethods Drivers** -usename:string -NoOfTrips:int -password:Sting -TripsID:ArrayList attribute3:String +getUsername:String +getTripsID:ArrayList +setUsername(String username) + setPassword(String password) +getNoOfTrips:int +setNoOfTrips(int no) + setphonenumber(String phone) +getUsername:String +setTripsId(ArrayList<String> ID) +getPassword:String BusStationMethods +getPhonenumber:String -l:Load Manager -x:int +saveClients(ArrayList<Client>) +getUsername:String +saveDrivers(ArrayList<Drivers>) +saveTrips(ArrayList<Trips>) +getUsername:String +searchDrivers(String,String):bolean Client +searchClients(String,String):bolean +searchManagers(String,String):blolean -NoOfTrips:int +showTrips:(ArrayList<String>):ArrayList<Trips> -TripsID:ArrayList load +CancelTrip:(ArrayList<Trips>,String):ArrayList<Trips> + ArrayList<Trips> +addTrip(Trips) + ArrayList<Drivers> +searchTrips(String,String):ArrayList<Trips> +getUsername:String +ArrayList<Managers> +assignTrip(String,String):int +getTripsID:ArrayList +ArrayList<Clients> +reserveTrip(int,String):Float +getNoOfTrips:int +cancelTripClient(int,String):int +setNoOfTrips(int no) +readfromFileclients() +editPrice(String,float):int +setTripsId(ArrayList<String> ID) +readfromFileDrivers() +signup(String,String,String) +readfromFileTrips() + setX(int) +readfromFilesManagers() +getX:int