Group 11
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Relational Schema

Employee_Customer_Rep [ssn, name_firstname, name_lastname, username (PK), password]

Employee_Site_Manager [ssn, name_firstname, name_lastname, username (PK), password]

Reservation_Portfolio [reservation_number (PK), date_made, booking_fee, isMonthly, isWeekly, isRoundTrip, username (FK) references Customer not NULL]

Has_Ride_Origin_Destination_PartOf [connection_number (PK), reservation_number (PK) (FK) references Reservation, origin_id (FK) references Station not NULL, destination_id (FK) references Station not NULL, class, seat_number, isChildOrSenior, isDisabled, transit_line_name (FK) references Schedule not NULL]

Customer [username (PK), password, email, street_address, city, state, telephone, zip, name_firstname, name_lastname]

Schedule_Origin_of_Train_Destination_of_Train_On [transit_line_name (PK), isDelayed, normal_fare, senior/child_fare, disabled_fare, destination_arrival_time, destination_departure_time, origin_arrival_time, origin_departure_time, origin_station_id (FK) references Station not NULL, destination_station_id (FK) references Station not NULL, Train_id (FK) references Train not NULL]

Stops_In_Between [transit_line_name (PK) (FK) references Schedule, id (PK) (FK) references Station, departure_time, arrival_time]

Train [id (PK), num_seats, num_cars]

Station [id (PK), name, state, city]

Messages [messageid (PK), username (FK) references Customer not NULL, topic, message, usernameOfRep (FK) references Employee_Customer_Rep, reply]