



CarRentalSystem -_instance +new() +register_user(username, password, role) +login(username, password): User +handle_user_action(user, choice) +add_car(make, model, year, mileage, min_rent, max_rent, daily_rate) +update_car(car_id, **kwargs) +delete_car(car_id) +view_available_cars() +book_rental(customer, car_id, start_date, end_date) +manage_rental(rental_id, status) +view_my_rentals(customer) +cancel_rental(customer, rental_id) +view_users() **Database** User -_instance -conn -_username -_password_hash +new() +_setup_tables() +init(username, password) +execute_query(sql, params) : cursor +get_instance() Admin Customer