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Assignment: Lab2 Classes Worksheet
Class: Designing for Web Programming

Scenario: Hospital

Class: Doctor

Attributes: _name, _medical_field, _hospital_name, _amount_patients

Methods: diagnose_patient(), visit_patient(), run_analysis()

Class: Nurse

Attributes: _name, _type, _hospital_name, _hospital_floor

Methods: check_patient(), give_medication(), transfer_patient()

Class: Patient

Attributes: _name, _hospital_name, _hospital_room, _age, _medical_issue,
_hospital_entry_date, _hospital_release_date

Methods: take_medication(), sleep(), call_nurse()

Class: Visitor

Attributes: _name, _patient_visiting, _hospital_room, _date_visiting

Methods: visit_patient(), buy_flowers(), sympathise()

Scenario: Restaurant

Class: Waiter

Attributes: _name, _table_section, _amount_tables, _restaurant_name

Methods: greet_customer(), take_order(), deliver_order(), generate_bill()

Class: Cook

Attributes: _name, _expertise, _restaurant_name, _order_amount

Methods: get_order(), prepare_food(), cook_food()

Class: Customer

Attributes: _name, _table_number, _date, _restaurant_name

Methods: select_meal(), give_order(), eat(), pay(), tip_waiter()

Class: Host

Attributes: _name, _restaurant_name

Methods: greet_customer(), check_table_chart(), seat_customer()

Scenario: Airport

Class: Passenger

Attributes: _name, _date, _ticket_number, _flight, _gate, _airport_name

Methods: buy_ticket(), check_baggage(), customs(), board_plane()

Class: Pilot

Attributes: _name, _company, _airplane_id, _flight_hours, _from_location, _to_location, _airport_name

Methods: plane_takeoff(), plane_landing(), alert_passengers(), plane_flying()

Class: Steward

Attributes: _name, _company, _airplane_id, _from_location, _to_location, _airport_name

Methods: greet_passengers(), check_ticket(), help_passengers()

Class: Agent

Attributes: _name, _company, _airport_name

Methods: check_availability(), sell_ticket(), check_baggage()