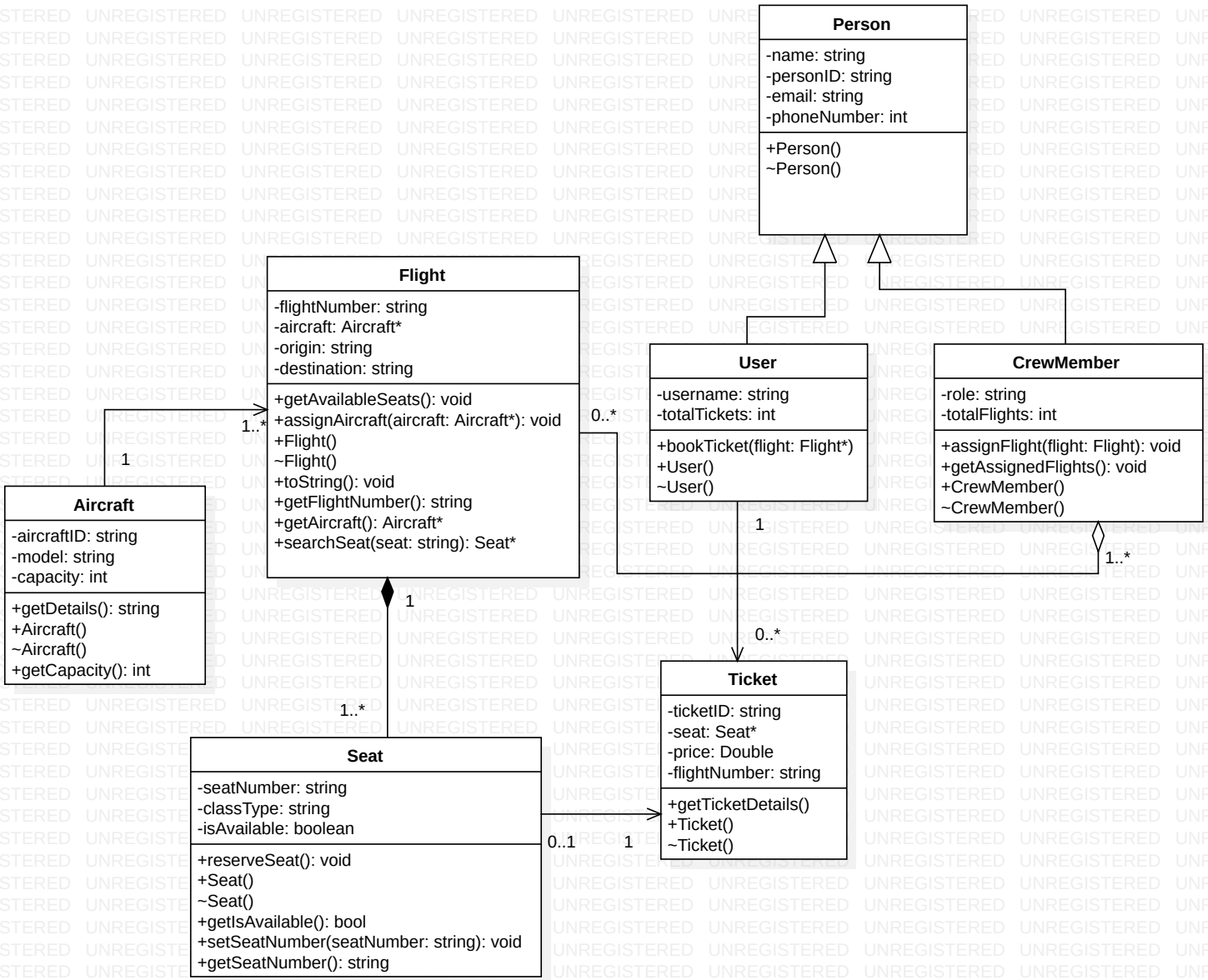
Model::Main


Person
-name: string
-personID: string
-email: string
-phoneNumber: int
+Person()
~Person()
Flight
-flightNumber: string
-aircraft: Aircraft*
-origin: string
-destination: string
+getAvailableSeats(): void
+assignAircraft(aircraft: Aircraft*): void
+Flight()
~Flight()
+toString(): void
+getFlightNumber(): string
+getAircraft(): Aircraft*
+searchSeat(seat: string): Seat*
User
-username: string
-totalTickets: int
+bookTicket(flight: Flight*)
+User()
~User()
CrewMember
-role: string
-totalFlights: int
+assignFlight(flight: Flight): void
+getAssignedFlights(): void
+CrewMember()
~CrewMember()
Aircraft
-aircraftID: string
-model: string
-capacity: int
+getDetails(): string
+Aircraft()
~Aircraft()
+getCapacity(): int
Ticket
-ticketID: string
-seat: Seat*
-price: Double
-flightNumber: string
+getTicketDetails()
+Ticket()
~Ticket()
Seat
-seatNumber: string
-classType: string
-isAvailable: boolean
+reserveSeat(): void
+Seat()
~Seat()
+getIsAvailable(): bool
+setSeatNumber(seatNumber: string): void
+getSeatNumber(): string
1..*
1
0..*
1
1..*
0..*
1
1..*
0..1
1