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| Flight |
| - flightID: String  - origin: String  - destination: String  - departureTime: String  - arrivalTime: String  - seatMap: String[][]  - price: double = 103.58  - rows: int = 6  - columns: int = 30 |
| + Flight(flightID: String, origin: String, destination: String, departureTime: String, arrivalTime: String)  + getFlightID(): String  + displaySeatMap(): void  + reserveSeat(seat: String): boolean + releaseSeat(seat: String): boolean + toString(): String  + getPrice(): double  + getDepartureTime(): LocalDateTime  + getDestination(): String  + showSeatMatrix(): void  + setStatus(status: String): void |

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| Passenger |
| - name: String  - birthDate: String  - ethnicity: String - ID: String |
| + Passenger(name: String, birthDate: String, ethnicity: String, ID: String)  + getName(): String  + getID(): String  + getBirthDate(): String  + getEthnicity(): String |

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| Reservation |  | Ticket |
| - reservationCounter: int  - reservationID: int  - passenger: Passenger  - flight: Flight  - ticket: Ticket  - status: String  - reservationDate: LocalDateTime | - ticketCounter: int  - ticketID: int  - passenger: Passenger  - flight: Flight  - seat: String  - price: double  - isCancelled: boolean |
| + Reservation(passenger: Passenger, flight: Flight)  + getReservationID(): int  + getPassenger(): Passenger  + getFlight(): Flight  + getStatus(): String  + getReservationDate(): LocalDateTime + confirmReservation(ticket: Ticket): void  + cancelReservation(): void  + toString(): String  + getTicket(): Ticket | + Ticket(passenger: Passenger, flight: Flight, seat: String, price: double)  + getTicketID(): int  + getPassenger(): Passenger  + getFlight(): Flight  + getSeat(): String  + getPrice(): double  + cancelTicket(): void  + isCancelled(): boolean  + toString(): String |

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| User |
| - account: String  - password: String  - passenger: Passenger  - tickets: List<Ticket> |
| + User() + User(account: String, password: String, passenger: Passenger, tickets: List<Ticket>)  + setAccount(account: String): void  + setPassword(password: String): void  + setPassenger(passenger: Passenger): void  + getPassenger(): Passenger  + authenticate(password: String): boolean  + addTicket(ticket: Ticket): void  + removeTicket(ticket: Ticket): boolean  + cancelTicket(ticket: Ticket): boolean + showTickets(): void  + toString(): String  + getAccount(): String |

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