



Contract CO3: bookTrip
Operation: bookTrip(travellers: List<Traveller>, connection: Connection): Trip
Cross References: Use Case: Book a Trip
Preconditions:
- Client has selected a valid connection from search results.
- Traveller information (name, age, id) is provided for each passenger.
- Connection exists in the routes catalog.
Postconditions:
- A Trip is created with a unique alphanumeric ID.
- For each traveller, a Reservation is created with a unique Ticket.
- All travellers are registered in the ClientRepository.
- Trip is persisted to CSV storage.
- Trip object is returned with all reservations.