

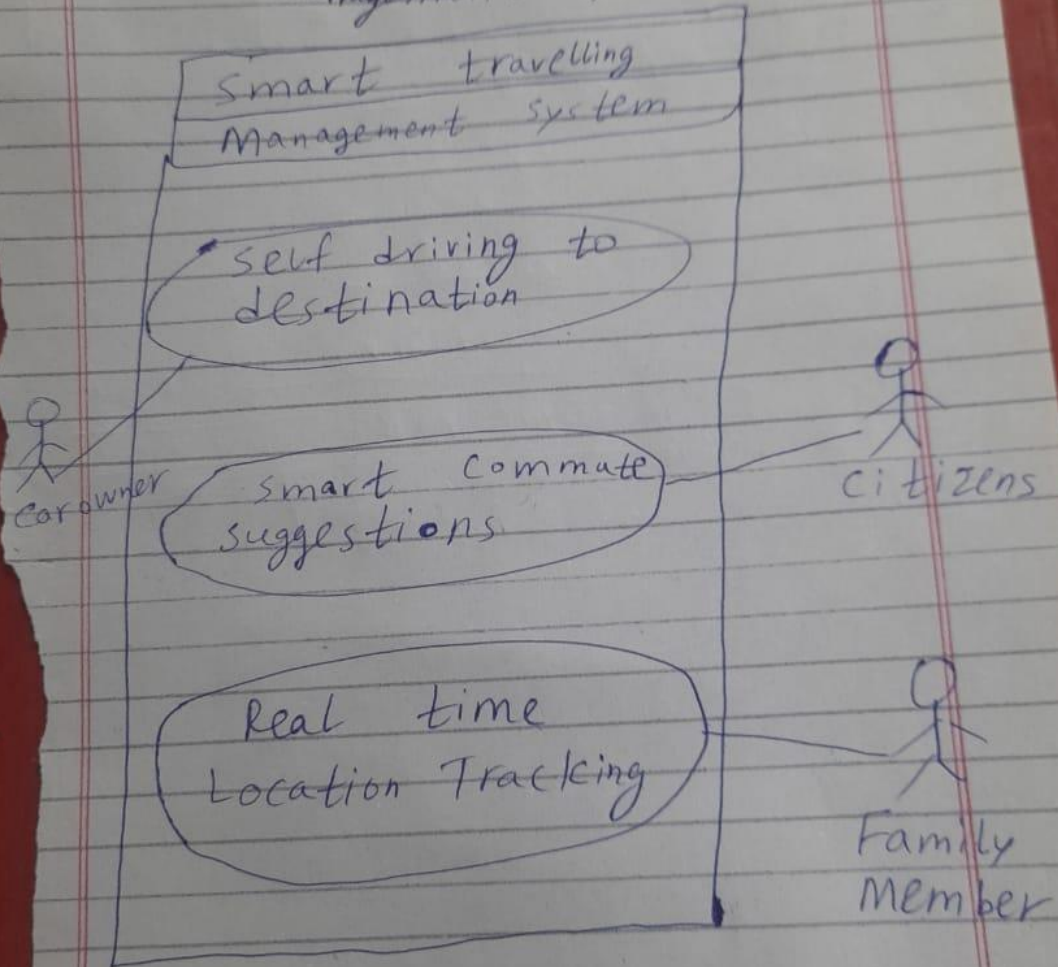
NAME: AHMED NAWAZ

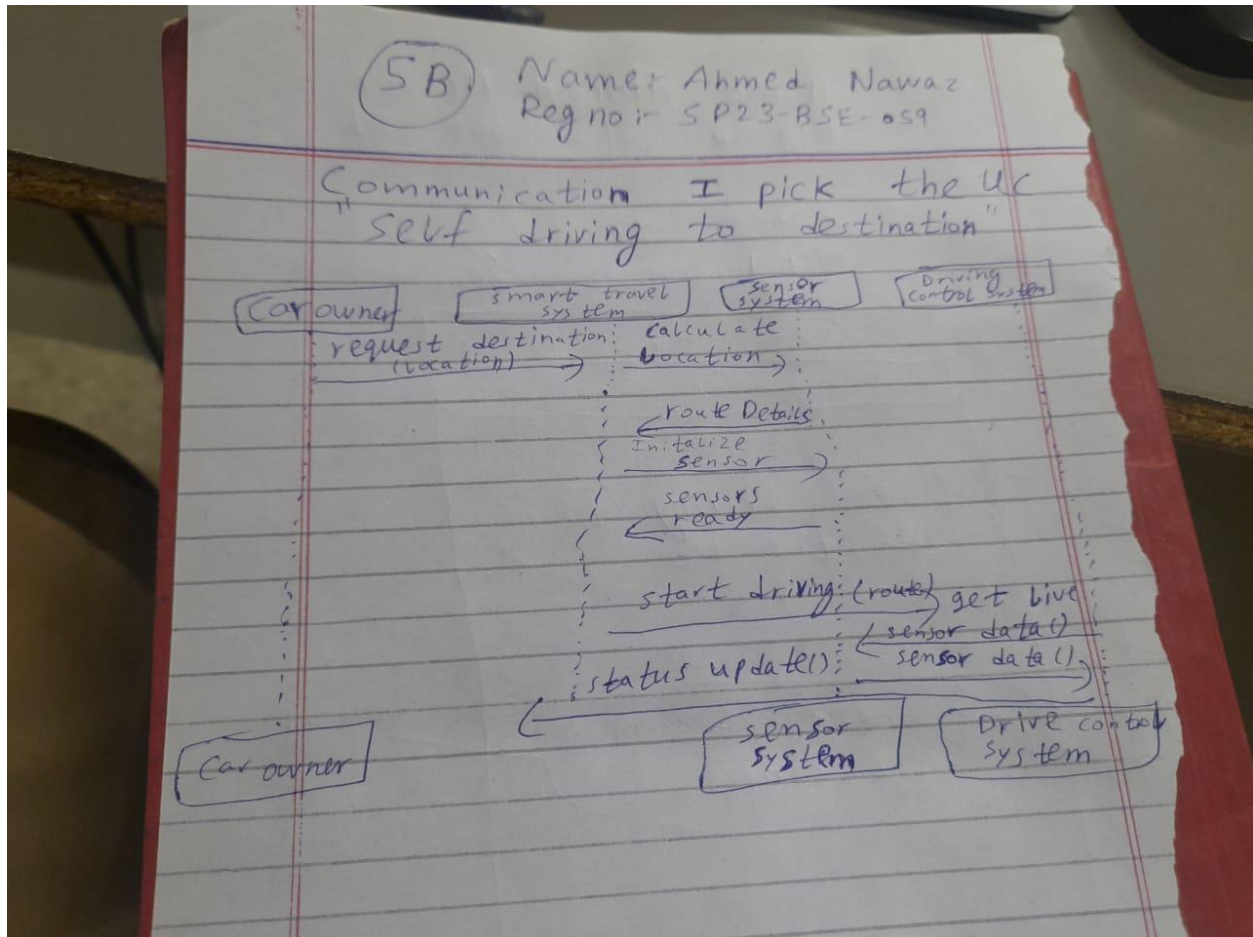
REG NO: SP23-BSE-059

(5B)

Name: Ahmed Nawaz
Reg no: SP23-BSE-059

Use case Smart travelling
for Management system





PRINCIPLES WE USED ARE FOR ARCHITECTURE STYLES:

- **Layered Architecture (N-Tier Architecture)**
- **Presentation Layer:** Main.java (user interface via console).
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- **Controller Layer:** TravelController.java handles user requests and coordinates between service and UI.
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- **Service Layer:** TravelService.java contains the business logic (trip management, status updates).
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- **Data (Model) Layer:** TravelRequest.java and TravelStatus.java are the data transfer objects.
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- ✓ **Benefits:**
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- **Separation of concerns**
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- **Easy to maintain and test**

- **Scalability and flexibility for enhancements**