Software Design & Architecture

Project Deliverable

Design Phase - I

Submitted To: Dr. Amir Malik

Group Members:

- Muhammad Hassnain (22L-7931)
- Ahmed Moeez Azeem (22L-7966)
- Hammad Talat (22L-7858)
- Abdul Ahad Tariq (22L-7866)
- Tayyab Kamran (22I-2505)
- Uzair Ahmed (22I -1503)

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- Use Case Diagram
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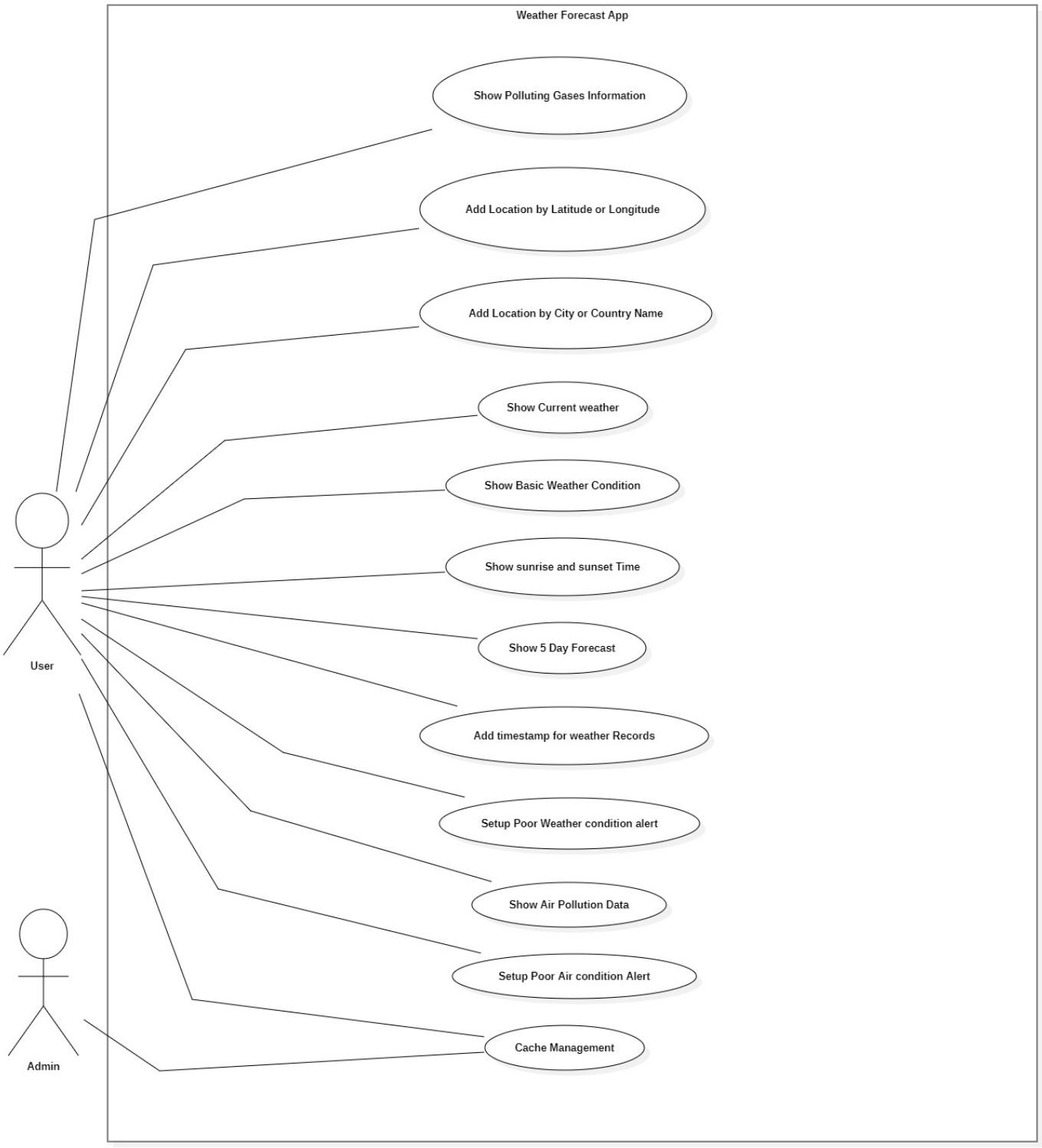
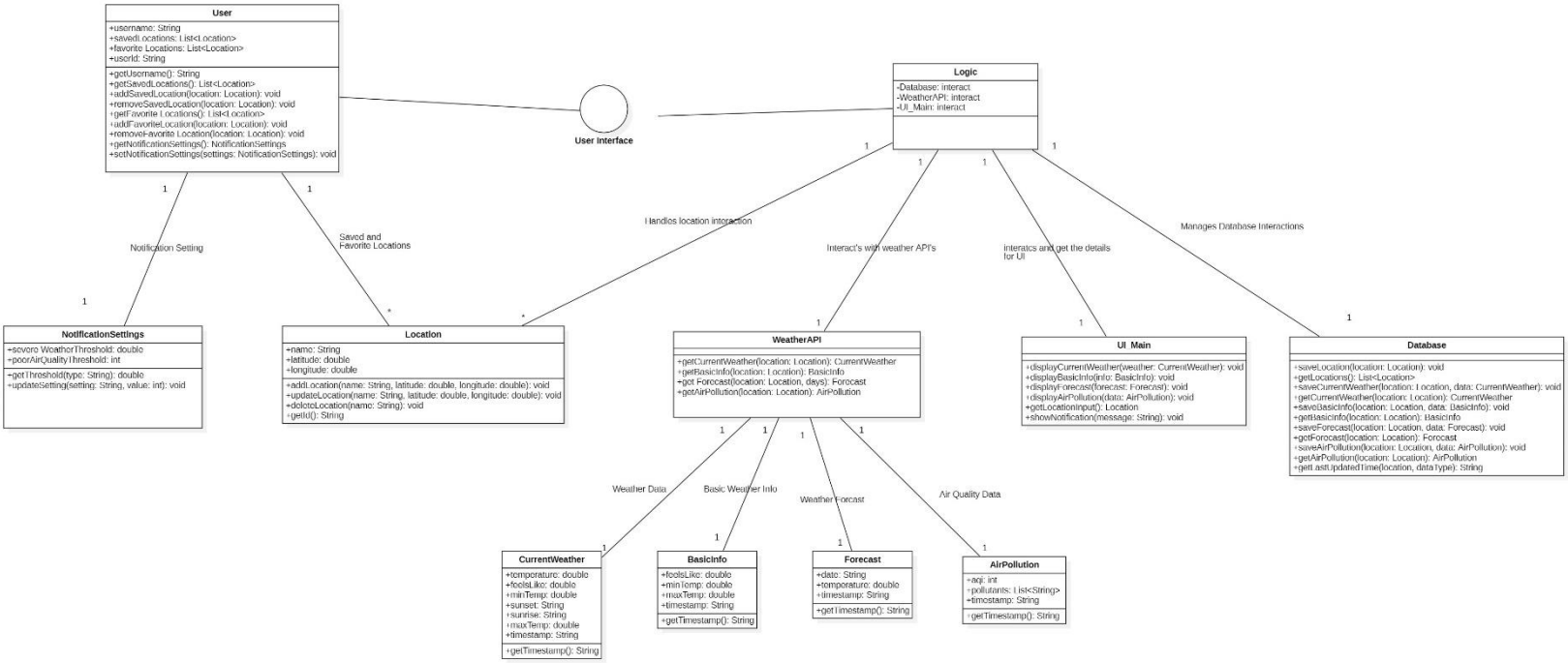
Use Case Diagram

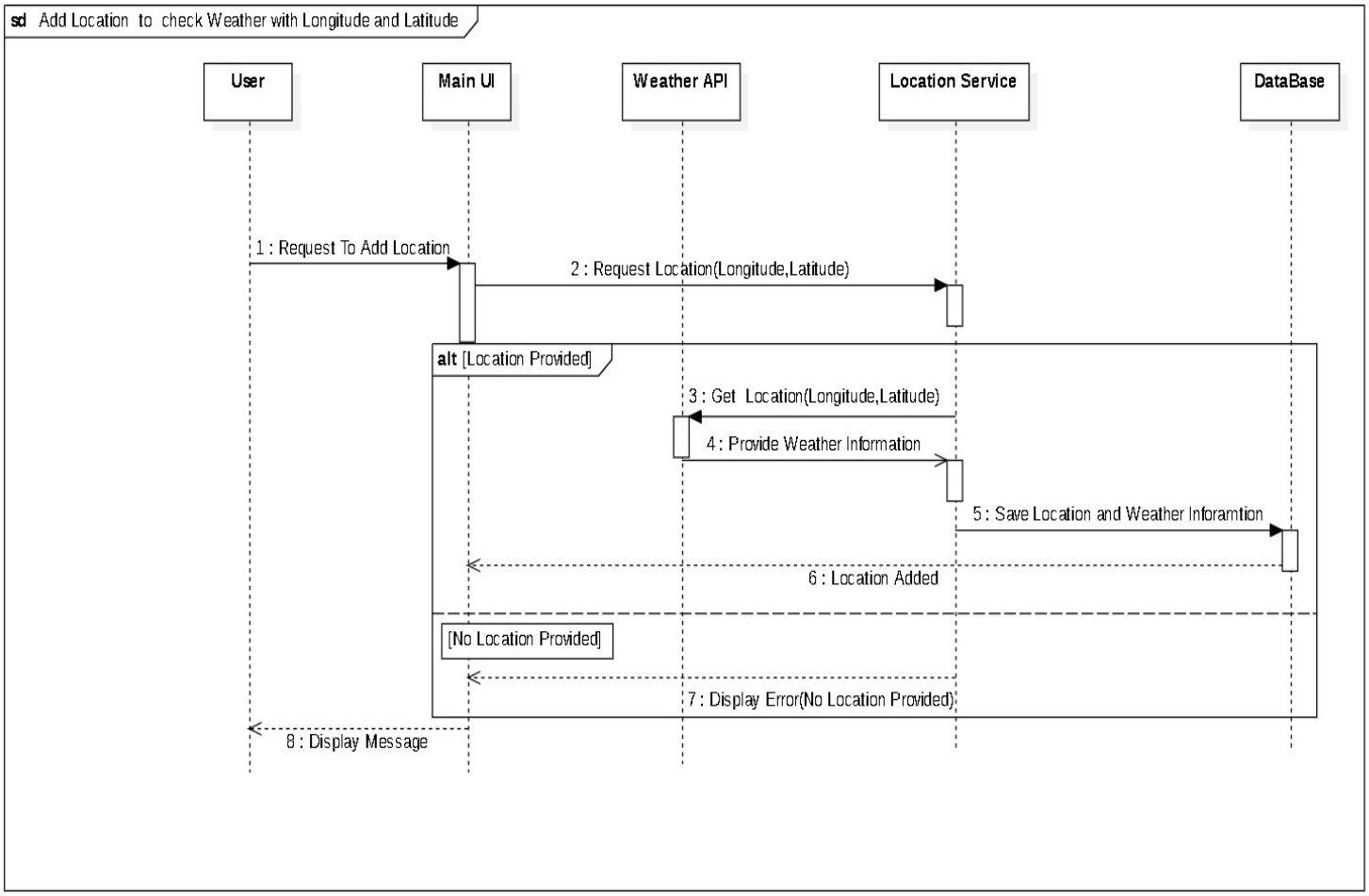


Class Diagram

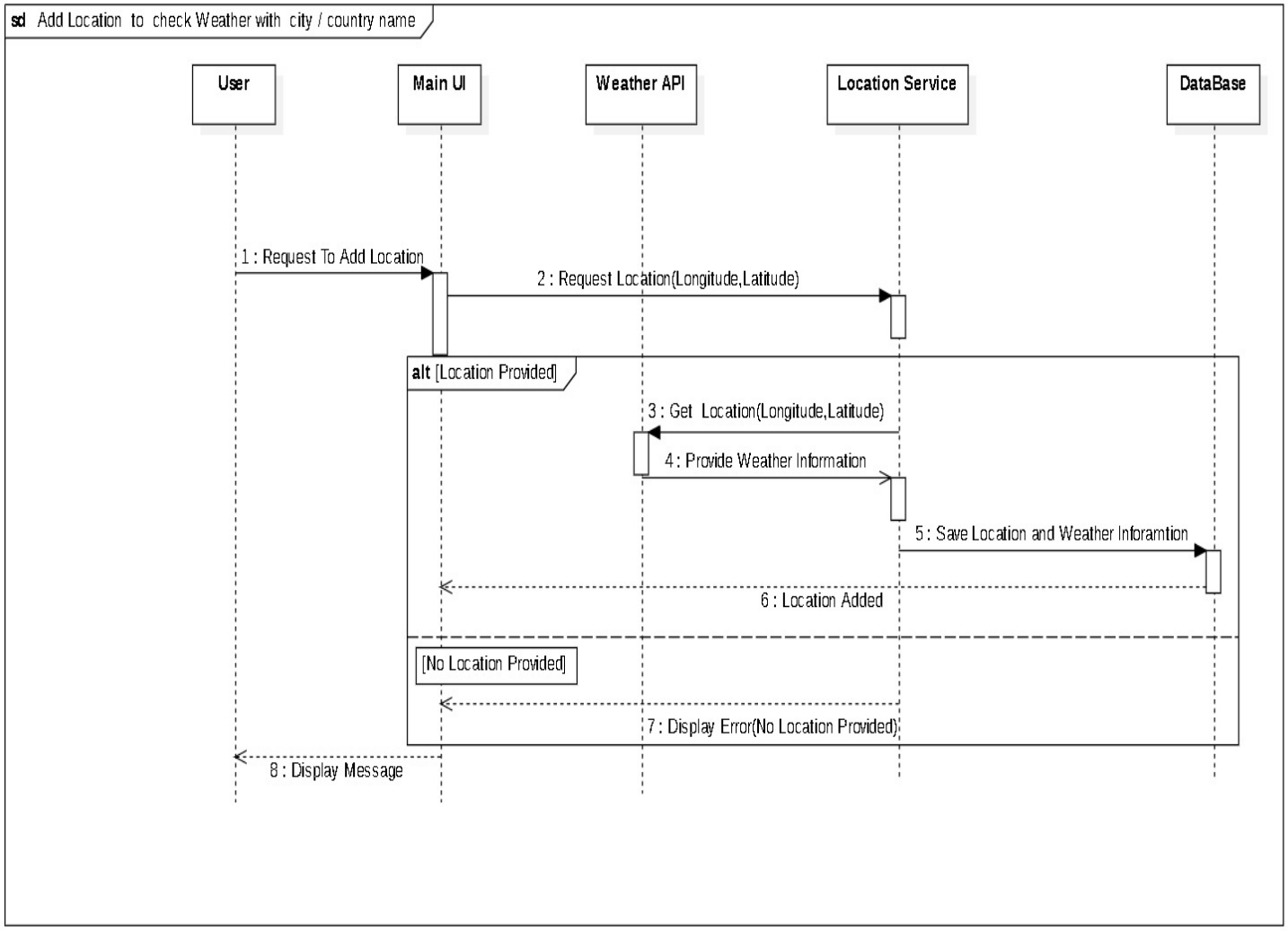


Sequence Diagrams

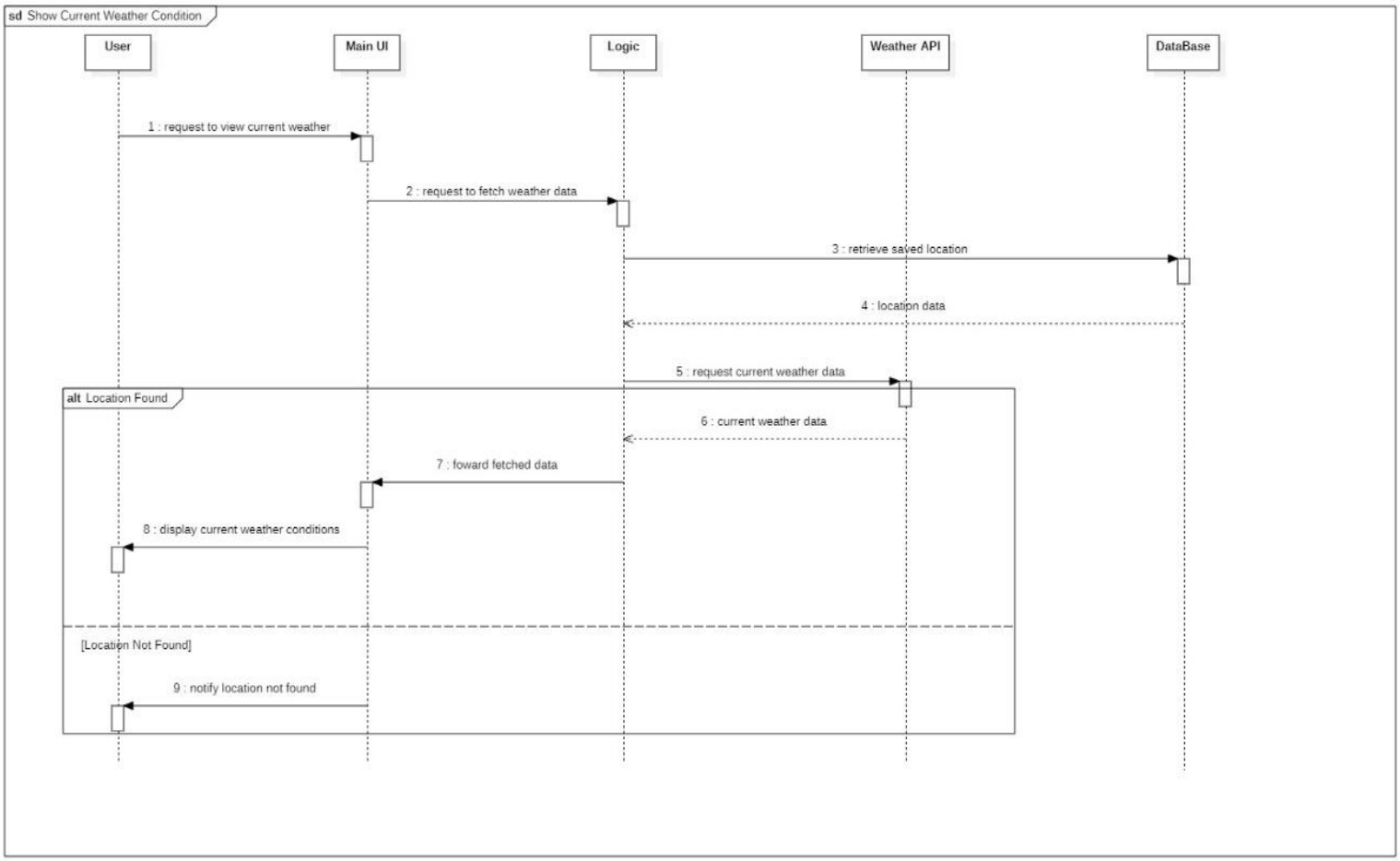
Use Case 1 (Add Location to check Weather with Longitude and Latitude)



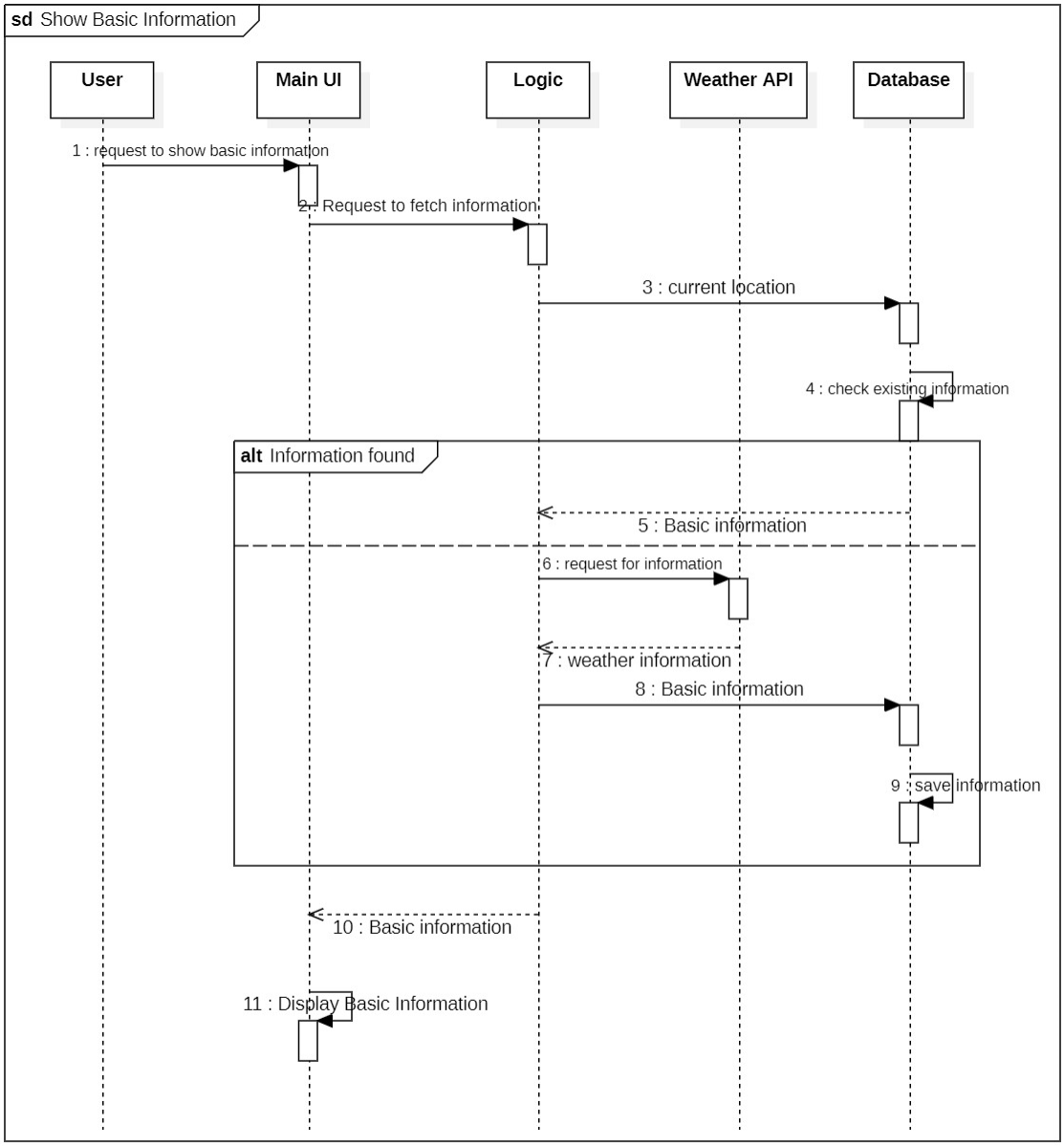
Use Case 2 (Add Location to check Weather with Country / City Name)



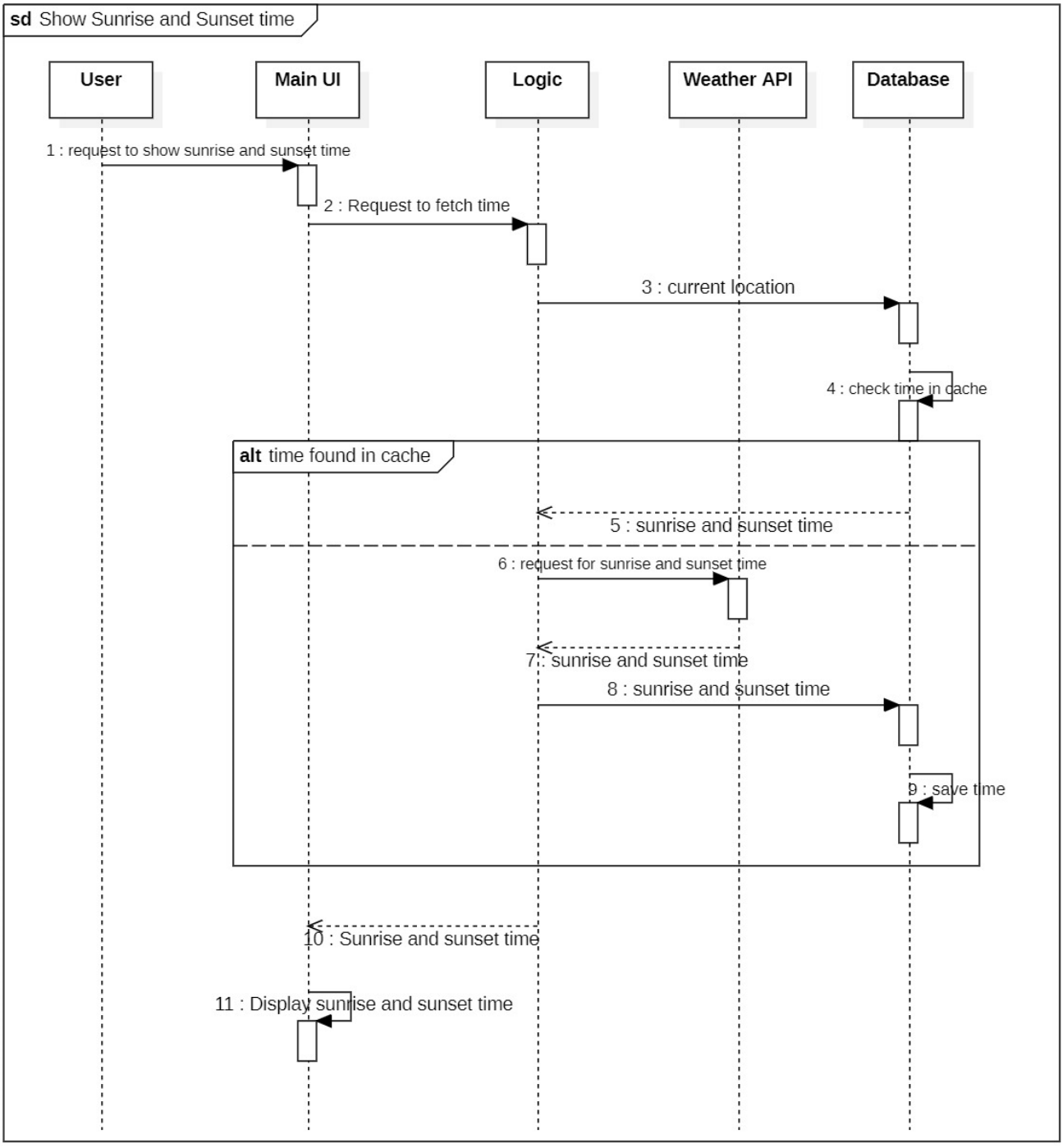
Use Case 3 (Show current weather conditions)



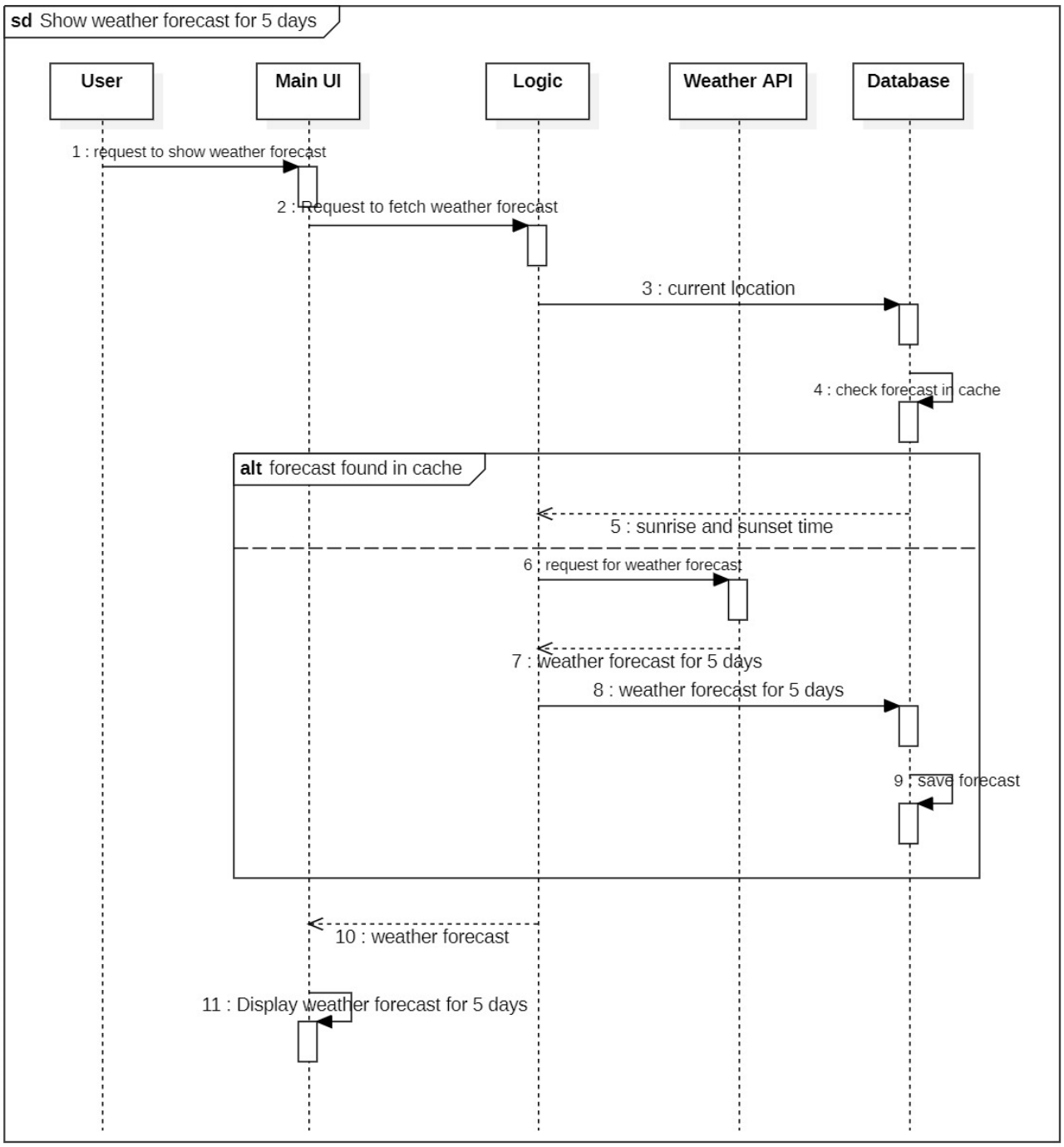
Use Case 4 (Show basic information like “Feels like, minimum and maximum temperature”)



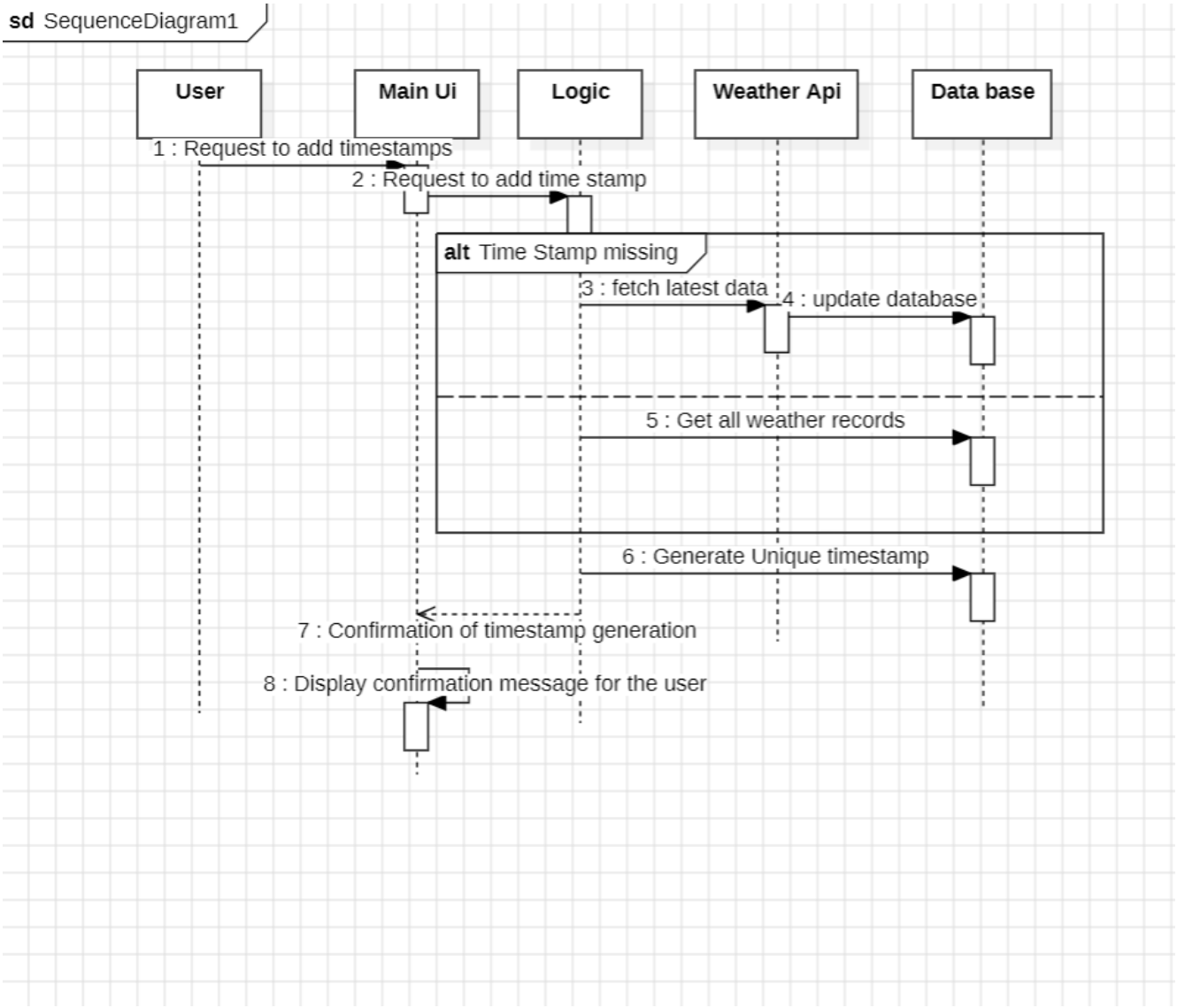
Use Case 5 (Show sunrise and sunset time)



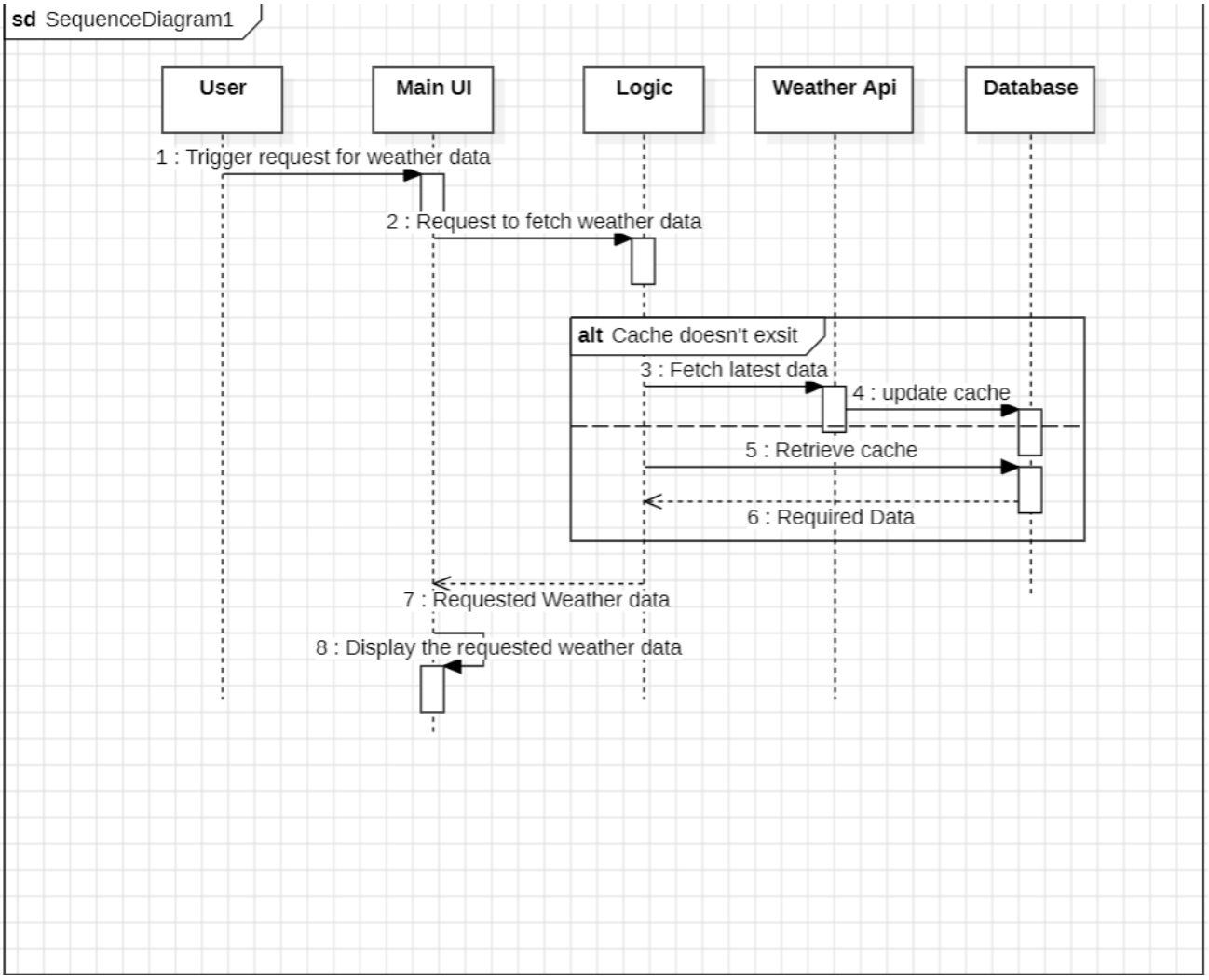
Use Case 6 (Show weather forecast for 5 days)



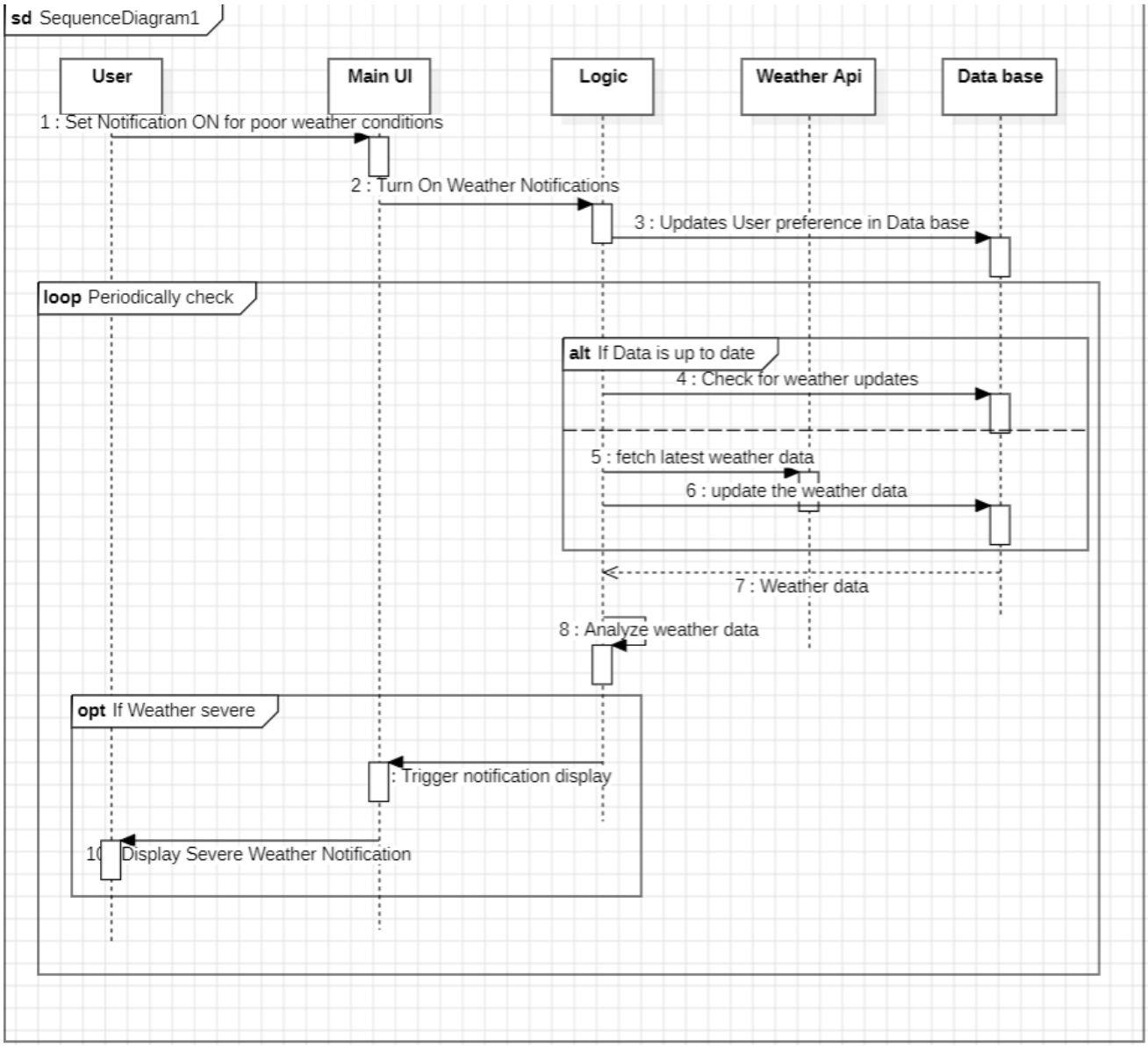
Use Case 7 (Add timestamp for weather records)



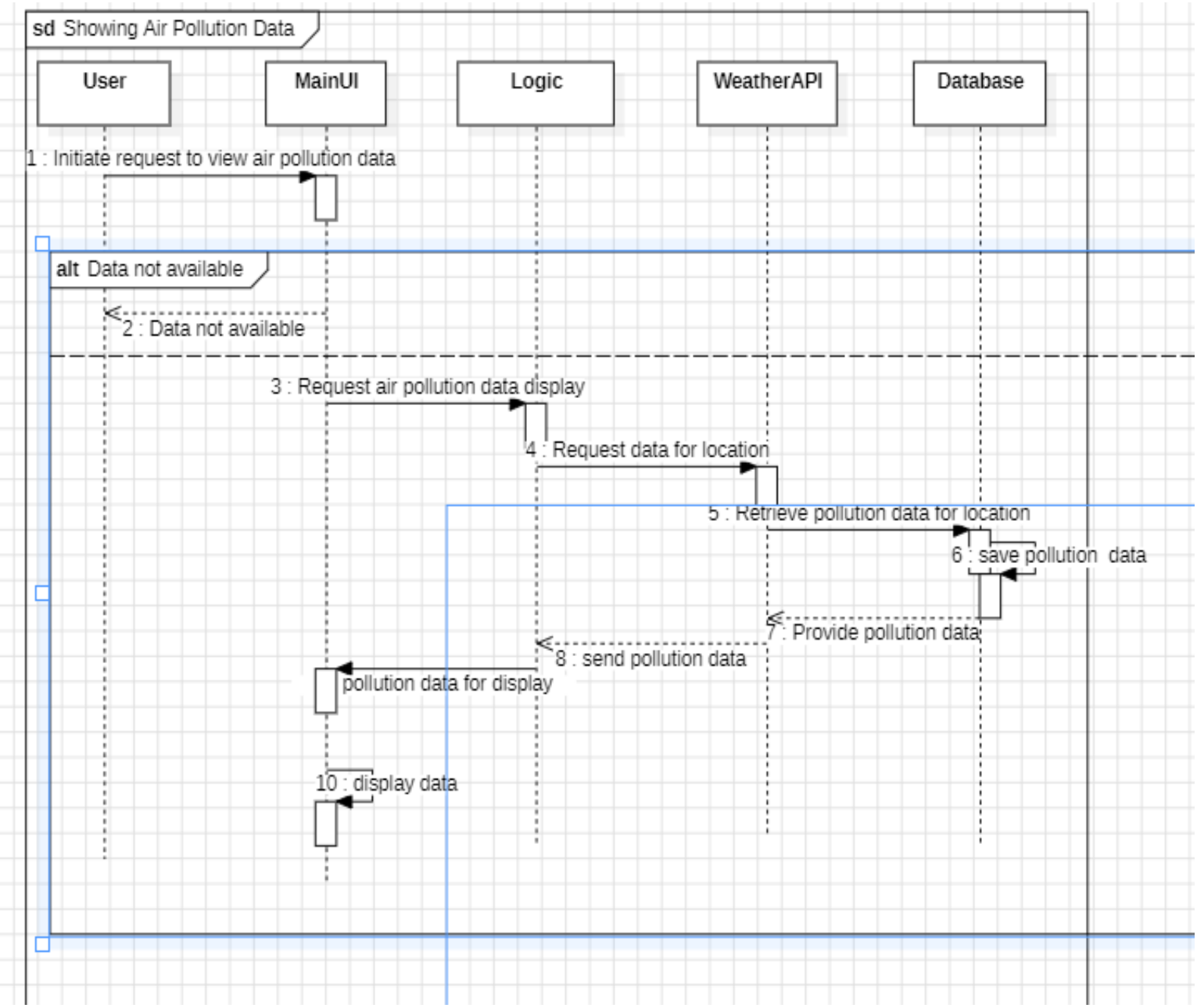
Use Case 8 (Implement Cache Management)



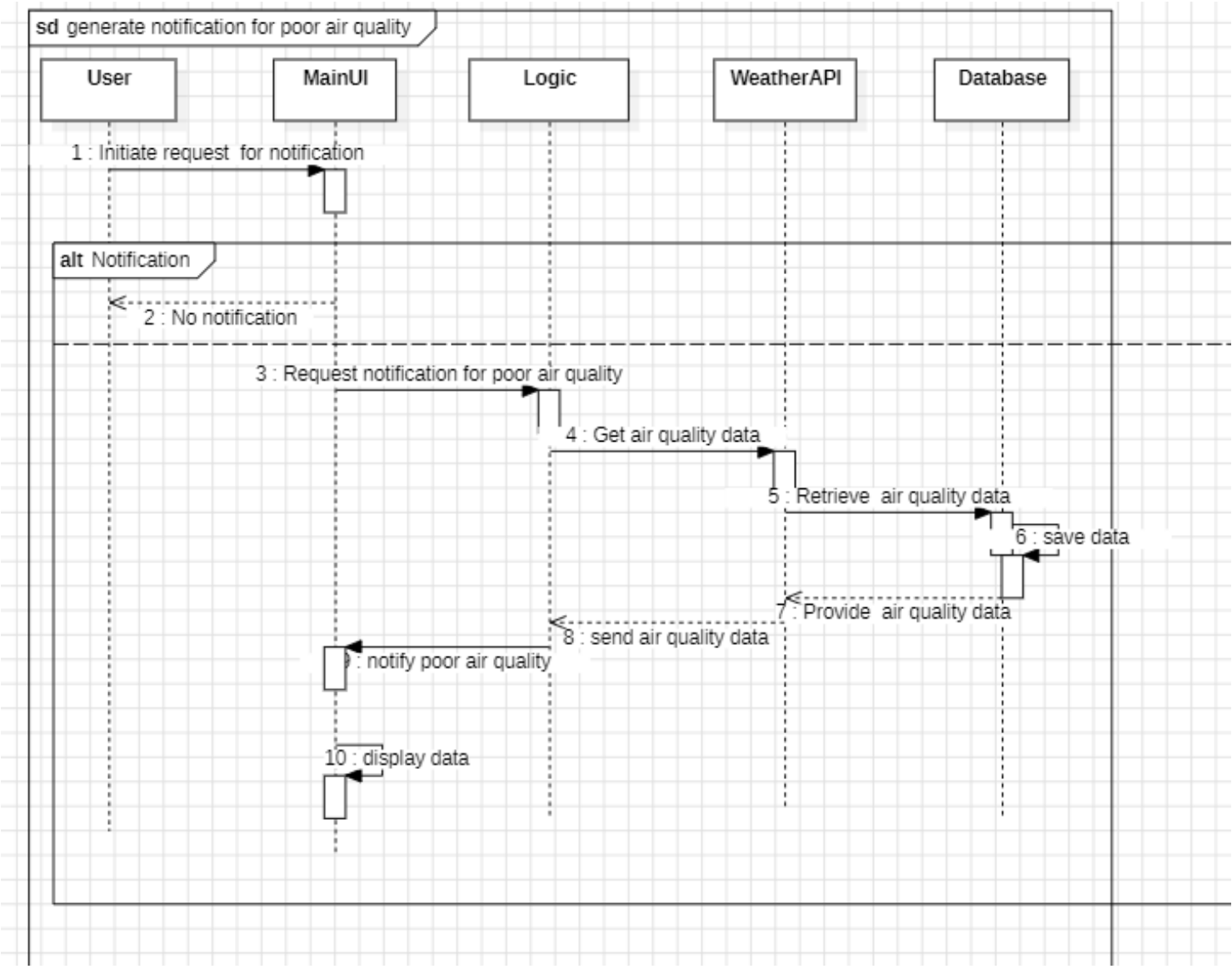
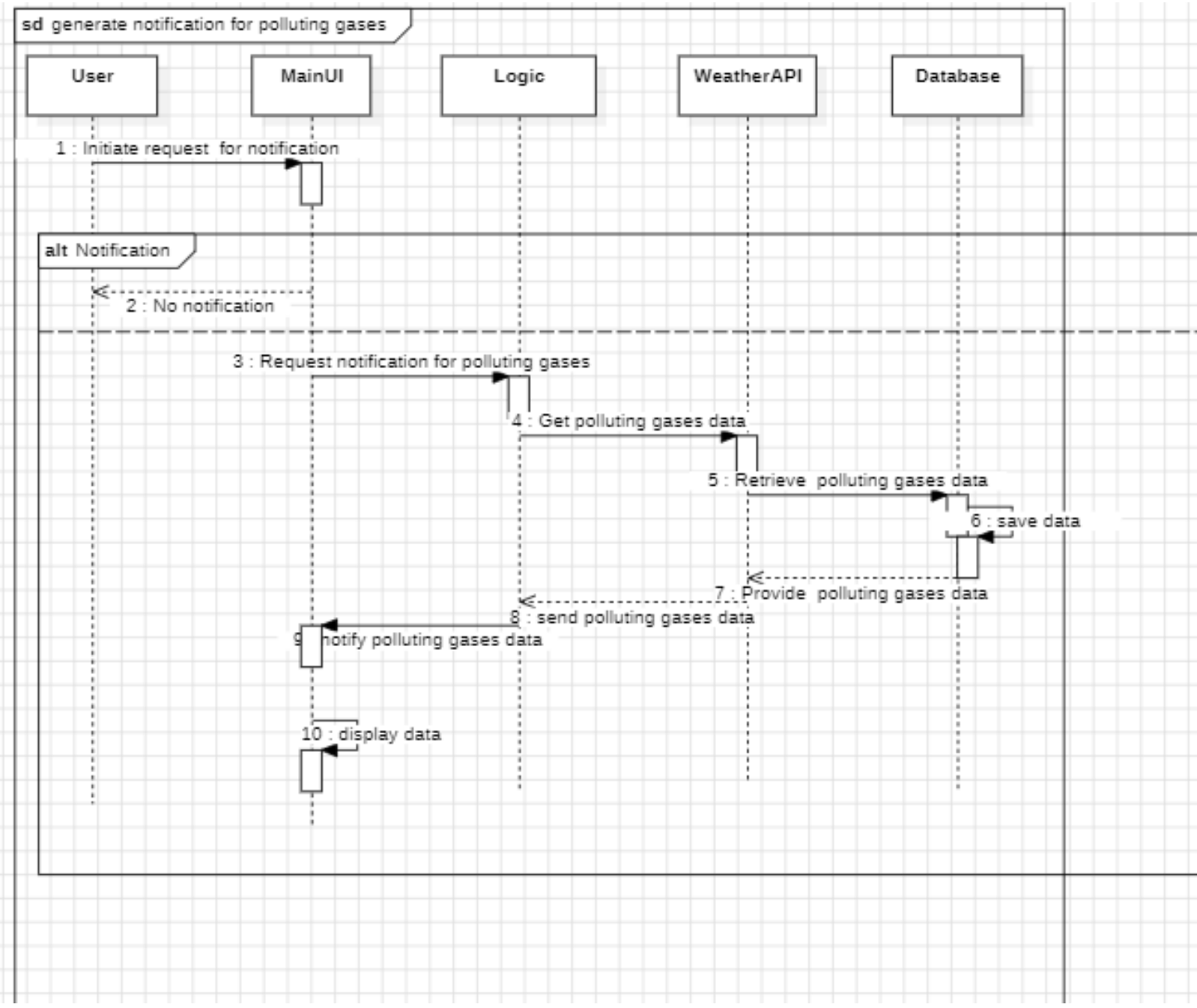
Use Case 9 (Generate Notification for poor weather conditions)



Use case 10 (Show Air Pollution data)



Use Case 11 (Generate Notification for poor air quality)



Use Case 12 (Show data about polluting gasses)