

Weather Notification System



Darshankumar Zala
Snehal Mahalle

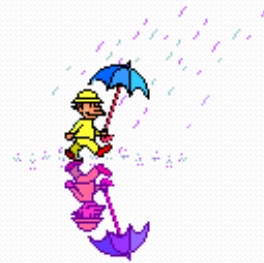
Content

- Use Case overview
- Domain Model
- Design Model
- Design Patterns
- Sequence Diagrams
- Future Enhancement

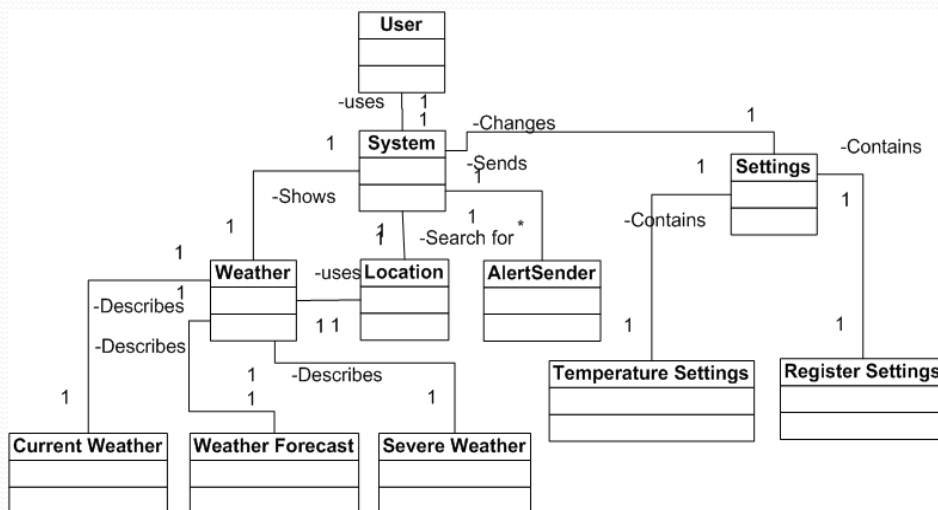


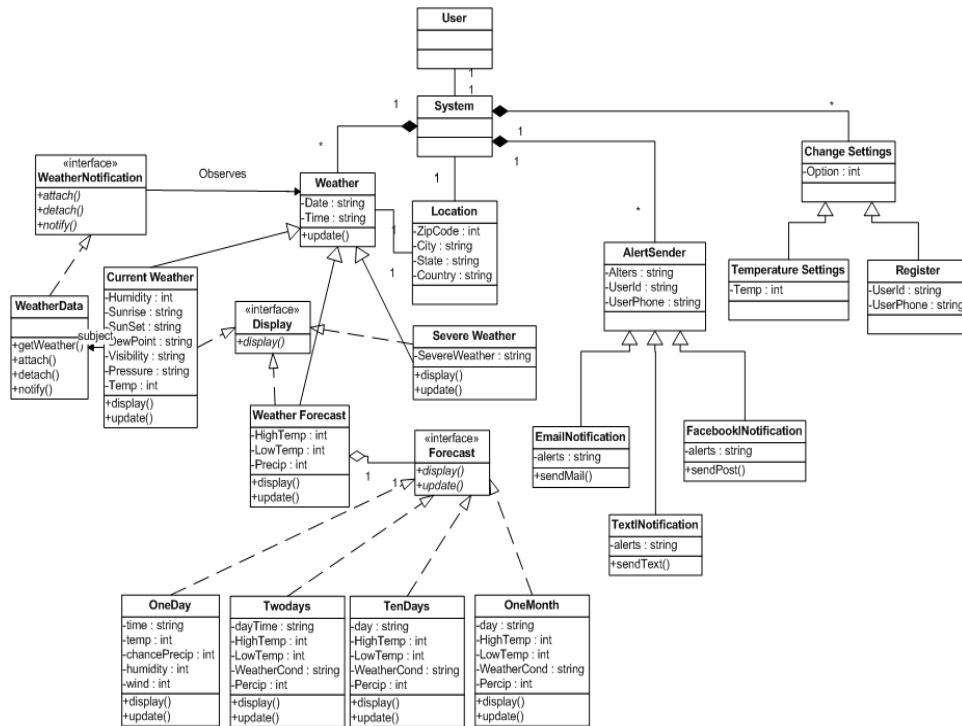
Use Case Overview

1. Search location by providing zip-code or street address
2. View current weather conditions
3. View weather forecast
4. View severe weather alters
5. Share weather alters
6. Change temperature setting
7. Subscribe for weather notification alters.
8. Unsubscribe form weather notification alters



Domain Model



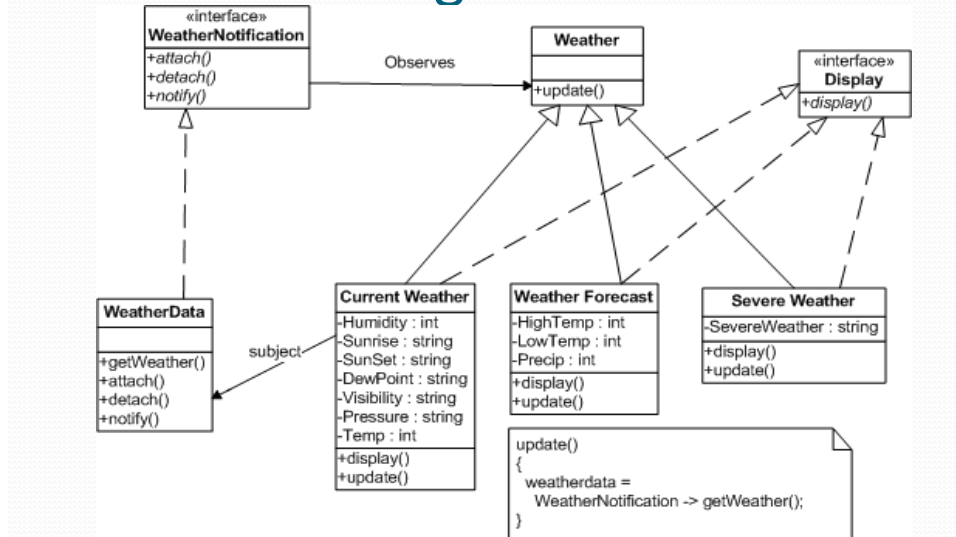


Class overview

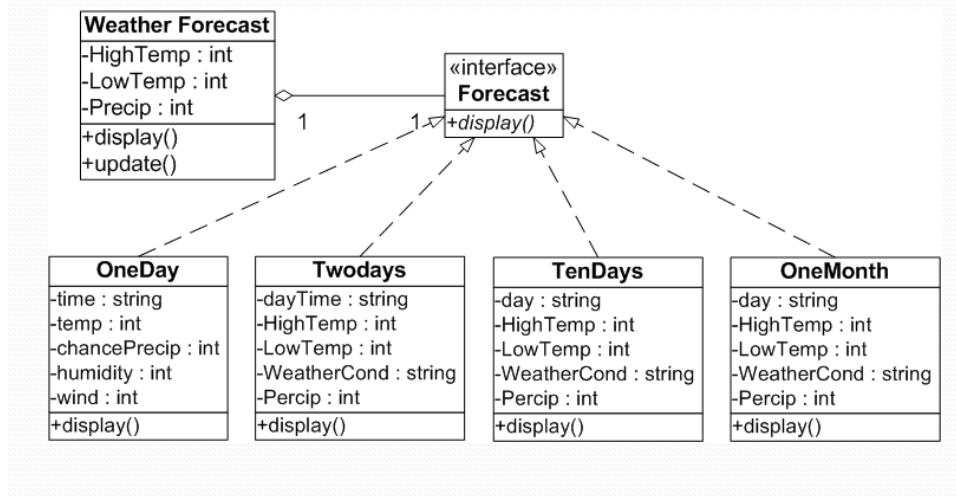
- Weather
 - Current Weather – Display detailed weather data
 - Weather Forecast – Display overview of forecast data
 - Severe Weather – Display alerts for a location
- Location – Current location or searched location
- Alert Sender
 - Email Notification – Notify user by email
 - Text Notification – Notify user by text
 - Facebook Notification – Notify user by Facebook post
- Change Settings
 - Temperature Settings – Display temperature in C or F
 - Register – Subscribe or unsubscribe for alerts

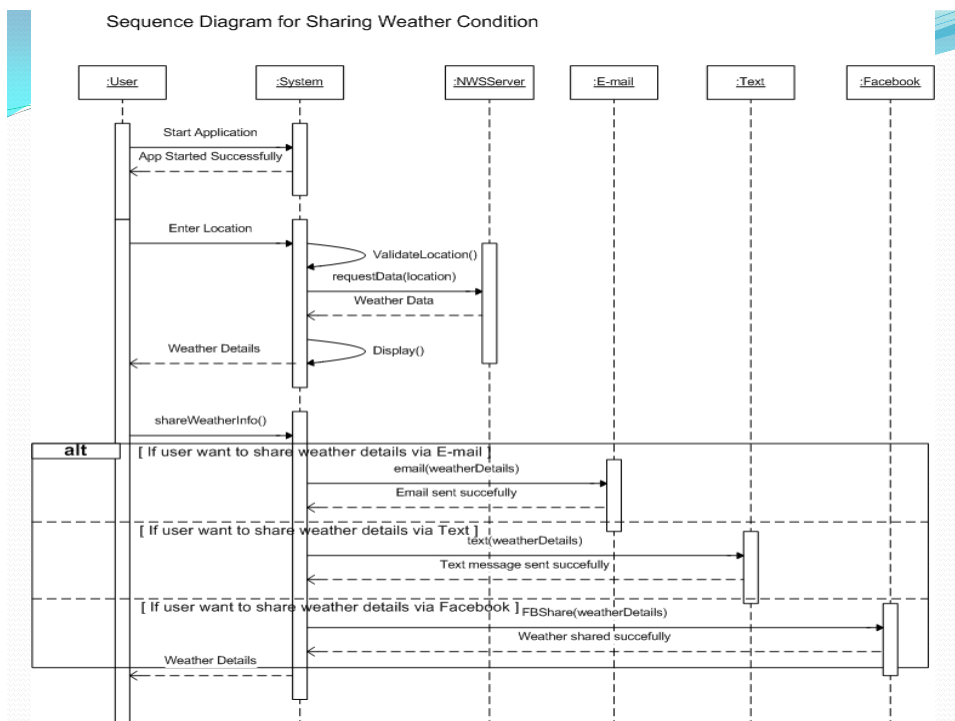
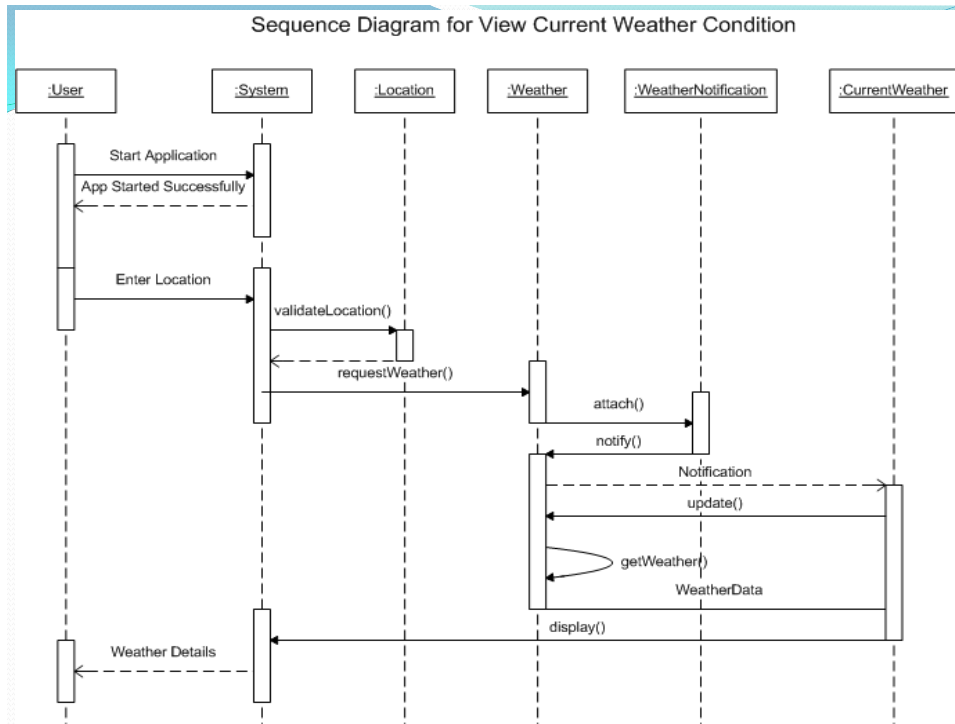


Observer Design Pattern



Strategy Design Pattern







Thank you !

