WeatherPlus: Your Personalized Weather Companion

Keyur Patel - 16010421073
Ronit Mehta - 16010421056
Batch - A2
Exp-4(Creation of UML Diagrams)

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Aim:

Creation of UML Diagrams.

Resources:

IBM Rational Rose/Open Source UML Tool-star UML

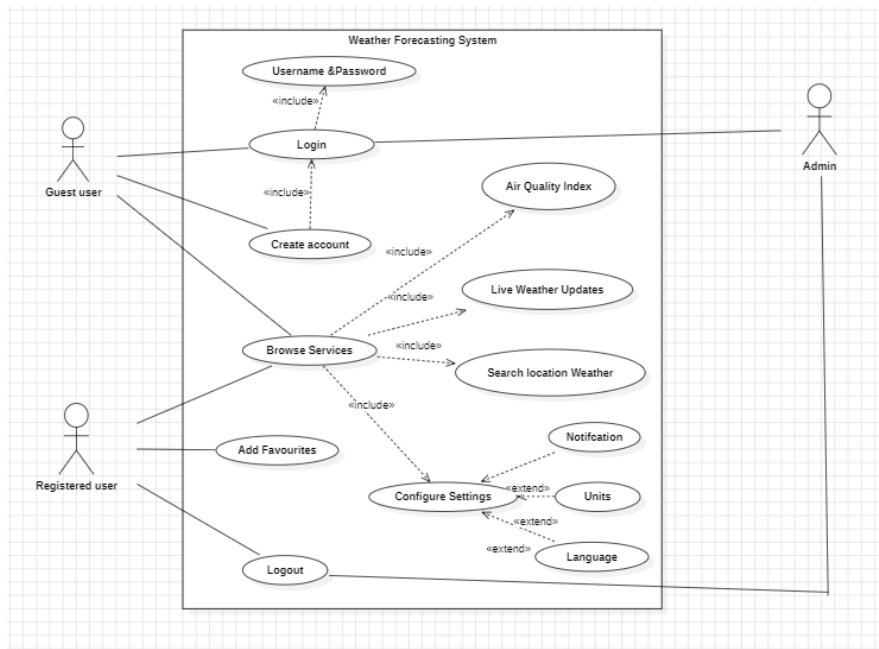## Results: Printout of mentioned behavior diagrams
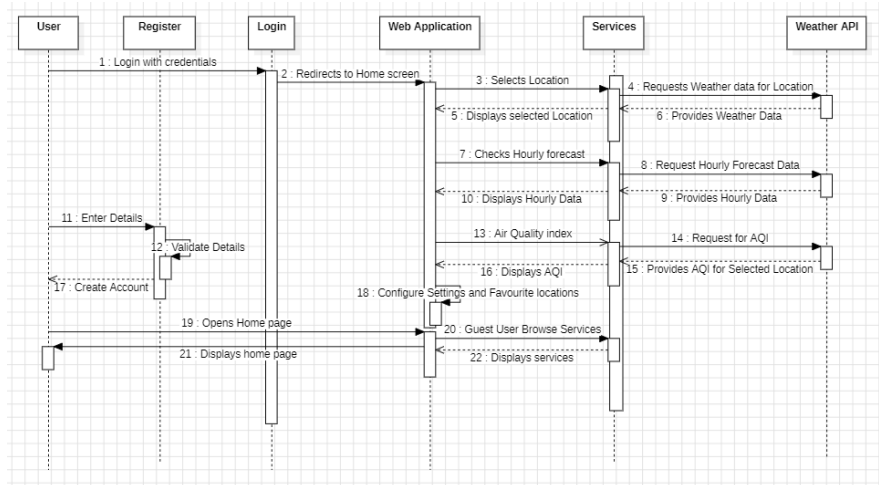

Figure 1: Use case Diagram
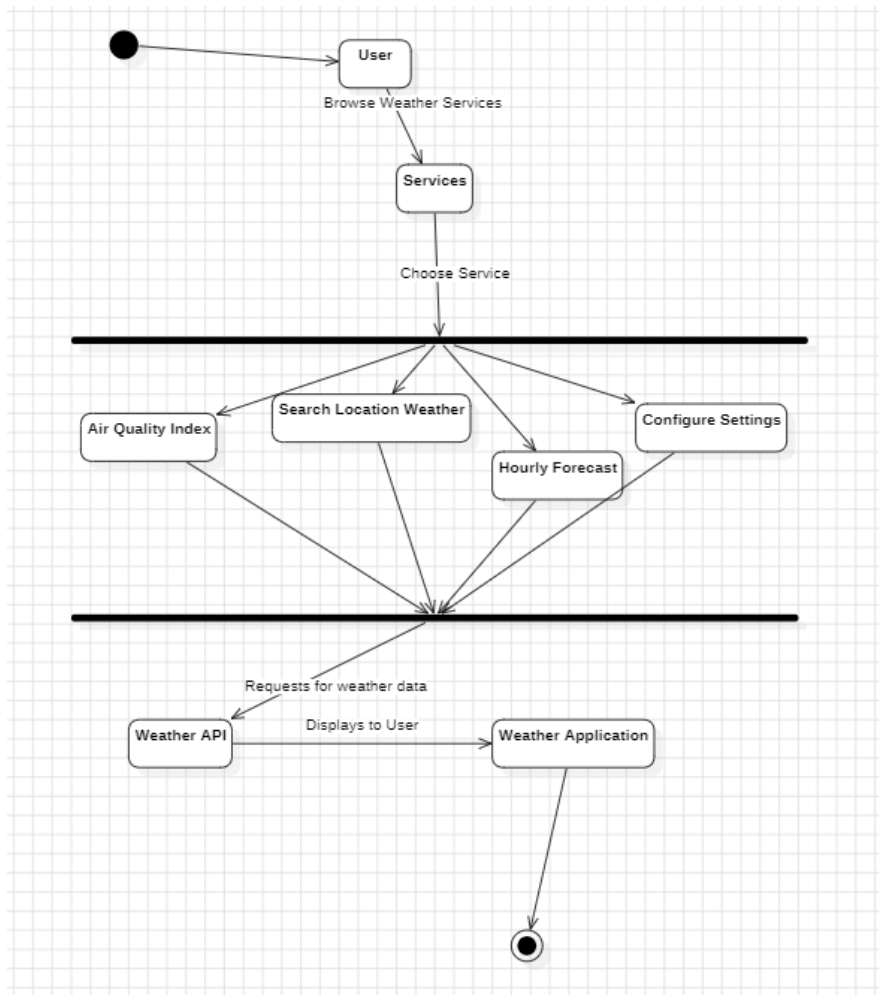
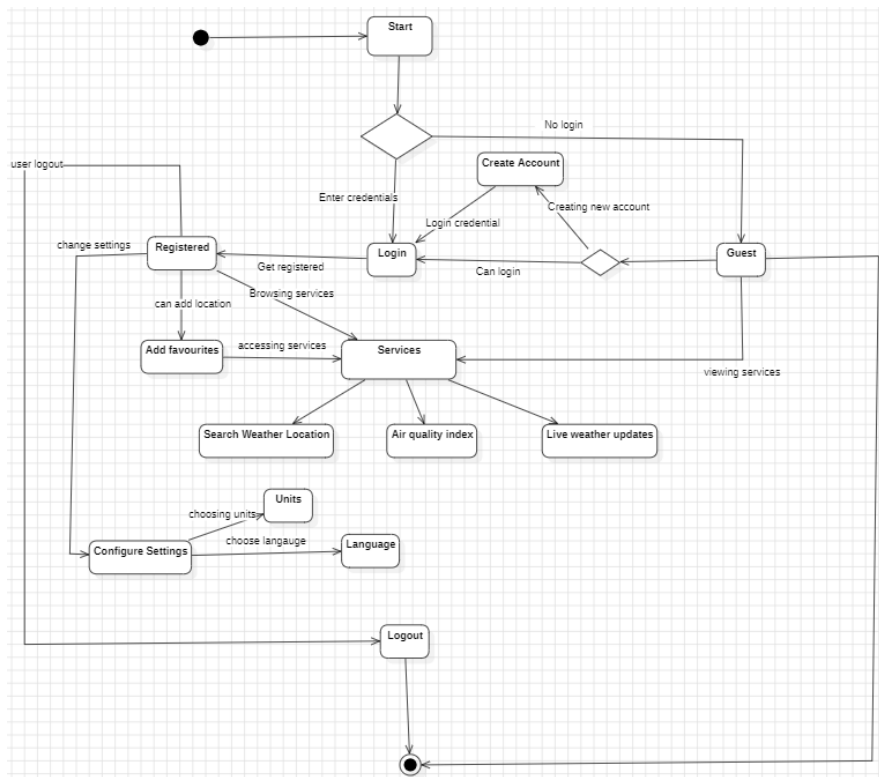Figure 2: Sequence Diagram

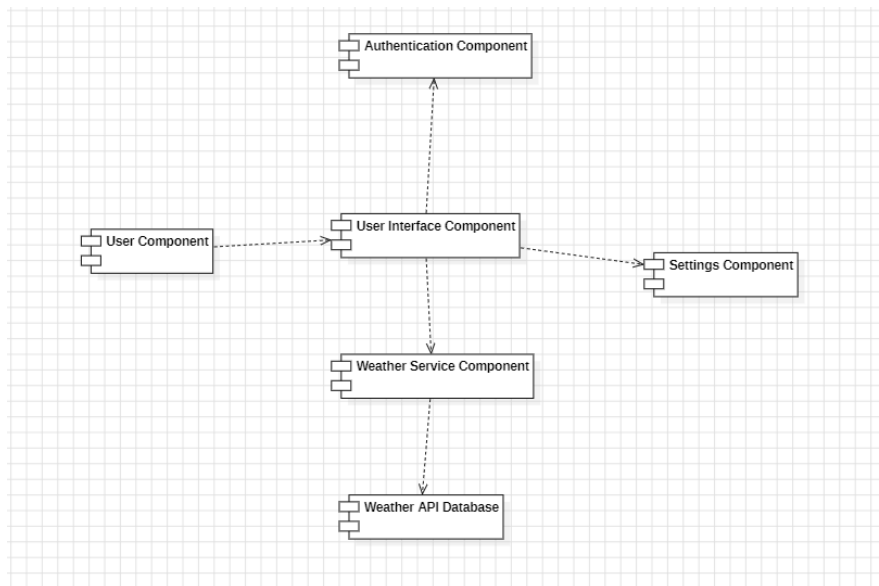Figure 3: State Diagram

Figure 4: Activity Diagram

Figure 5: Component Diagram

Questions:

1. **In a use case diagram, relationships between different actors are normally shown.**
   True False

2. **A Communication diagram specifies a scenario.** True False

3. **Explain the difference between activity diagram and state chart diagram.**

4. **Give example of deployment diagram for modelling a fully distributed system.**

Outcomes

CO2: Describe software planning and management.

Conclusion

After completing this experiment we have successfully created UML diagrams for my Weather app forecasting project.

References

Books:

1. Michael Blaha, James Rumbaugh, "Object-Oriented Modeling and Design with UML", Prentice-Hall of India, 2nd Edition

2. Mahesh P. Matha, "Object-Oriented Analysis and Design using UML", Prentice-Hall of India

3. Timothy C Lethbridge, Robert Laganiere, "Object-Oriented Software Engineering – A practical software development using UML and Java", Tata McGraw-Hill, New Delhi.

4. http://www.uml-diagrams.org/uml-23-diagrams.html