

Introduction to Software Engineering

**Project: Baby monitoring system**

**Modeling and Design Report**

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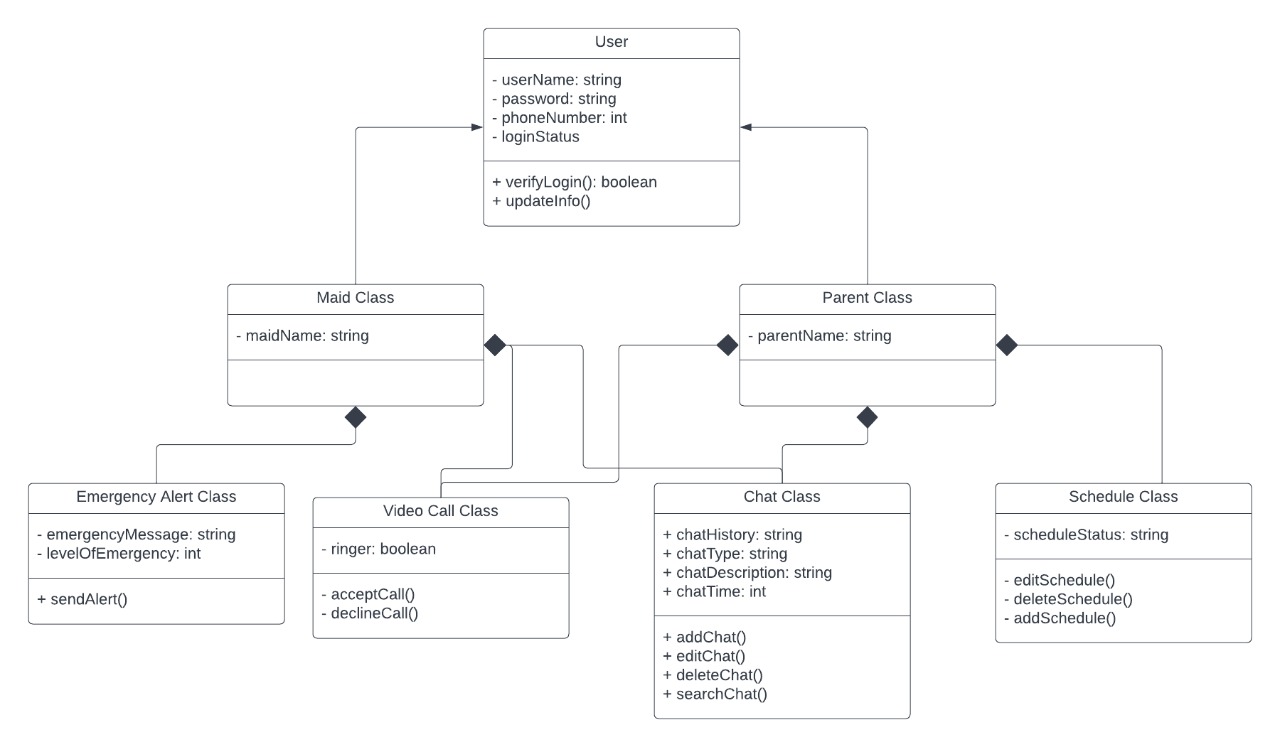
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# Abstract

The sole purpose of this report is to display the design and modeling decisions for the Web-based Baby Monitoring System that is currently under development. This report will include various design and model figures to provide a better understanding for the reader about the system that is currently under development. Moreover, this report will include a user-case analysis that will describe the functional requirement of the Baby Monitoring System, a sequence diagram to better illustrate the system operation sequence.

# UML Case Diagram

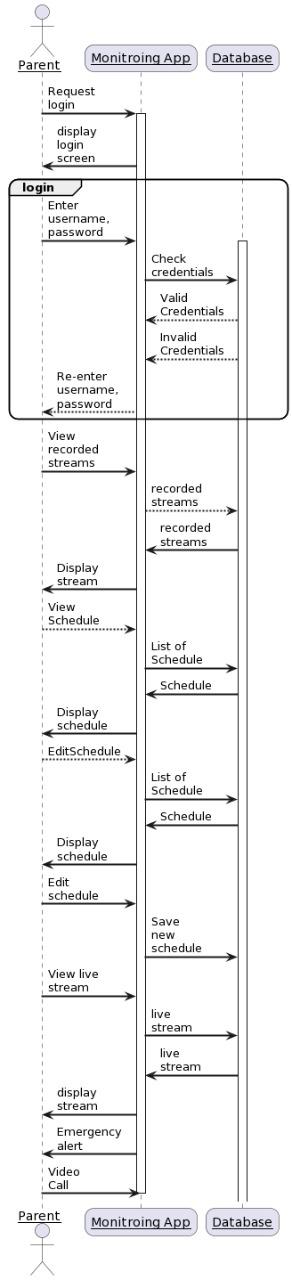
This section of the report will include the Object model of the Child Monitoring System.



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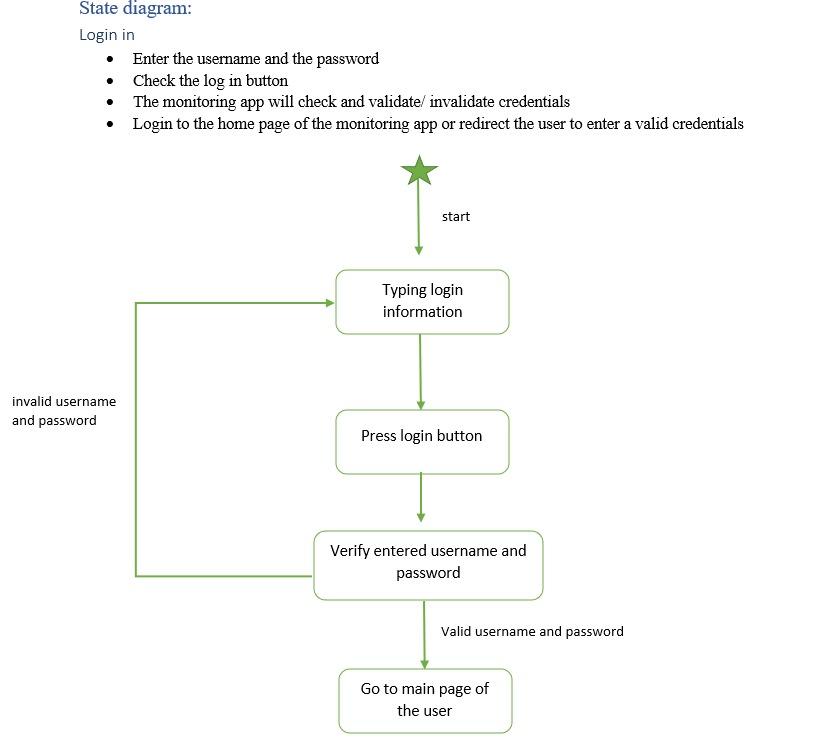
# Sequence Diagram

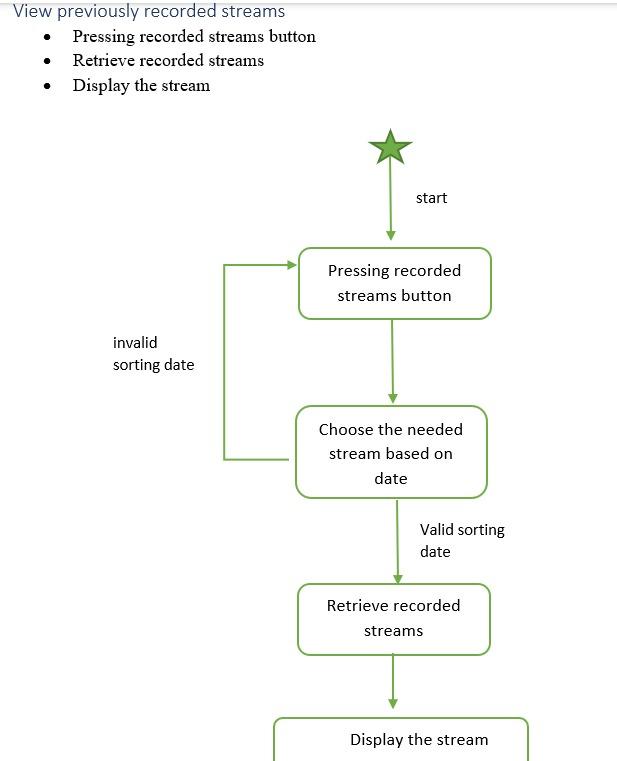
This section of the report will include the Sequence diagram of the Child Monitoring System.

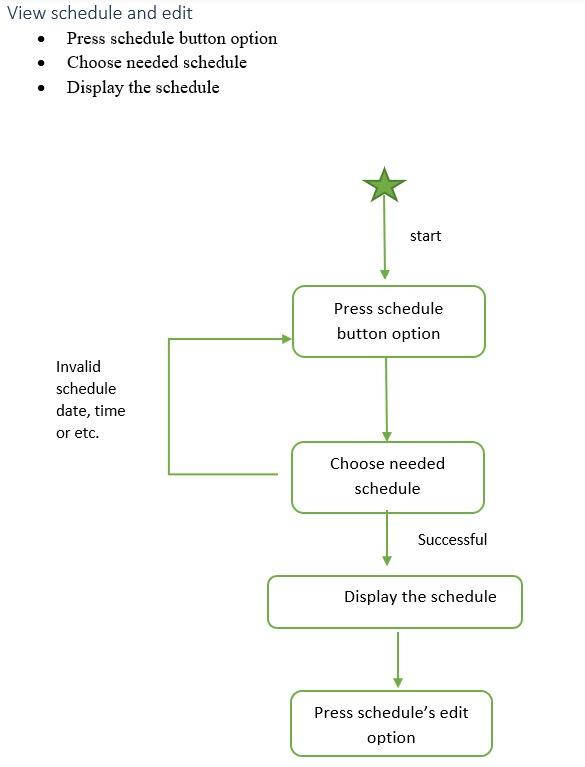


# State Diagram Model

This section of the report will include the Object model of the Child Monitoring System.







# Conclusion

To conclude, the aim of this report was to provide a better understanding for the Child Monitoring System that is under development. One important aspect when developing a system is to provide various Models for the client in a way that the client can understand how the system will be developed. These models include UML Class Diagrams, a sequence diagram that illustrates an instance of the system’s operation and State Diagrams. Each of these models are developed in a way for the reader to understand the functions of the system and its interactions.