**Chocoholics Anonymous Software Product**

The Chocoholics Anonymous Software Product will allow all people that are associated with the Chocoholics Anonymous program an easier way of accessing and modifying data. Initially, the provider switches on their terminal and enters their provider number. The member then hands the provider their members’ identification card, in order for the provider to verify the members’ current status. If they are an active member, then the provider can perform a service and submit a claim for that service. In order to submit a claim, the provider enters data about the service they have provided to the member into their terminal which is received by the Chocoholics Data Center. The software product then looks up the fee to be paid for the specific service. All of the data that is entered into the system can be easily maintained by a Chocoholics Anonymous operator. Also, any and all reports can be printed by a Chocoholics Anonymous manager upon request or at the end of the week.

Nouns in the paragraph:

Chocoholics Anonymous Software Product – the product that is being developed

People – operator, manager, provider, manager

Data – information

Provider - class

Provider Terminal - class

Provider Number – provider attribute

Member - class

Member status – member attribute

Service - class

Claim - class

Chocoholics Data Center – place where information is stored for reports

Fee – attribute of a service

Operator – person who accesses/modifies the data

Report – the way the data is presented for the entire week

Manager – person who prints the reports and handles them

Resultant classes from the noun extraction:

Provider

Member

Operator

Manager

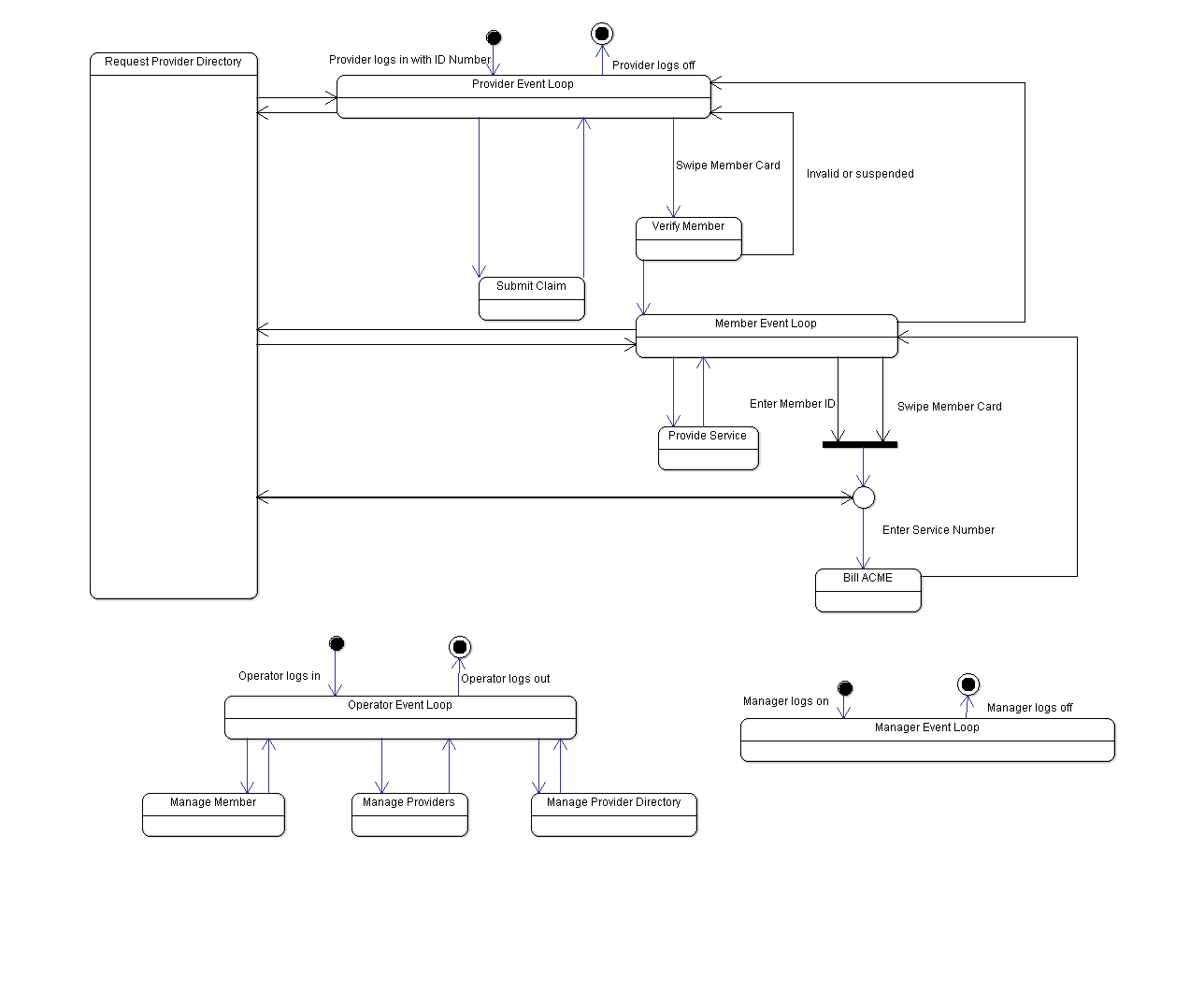
Report

Service

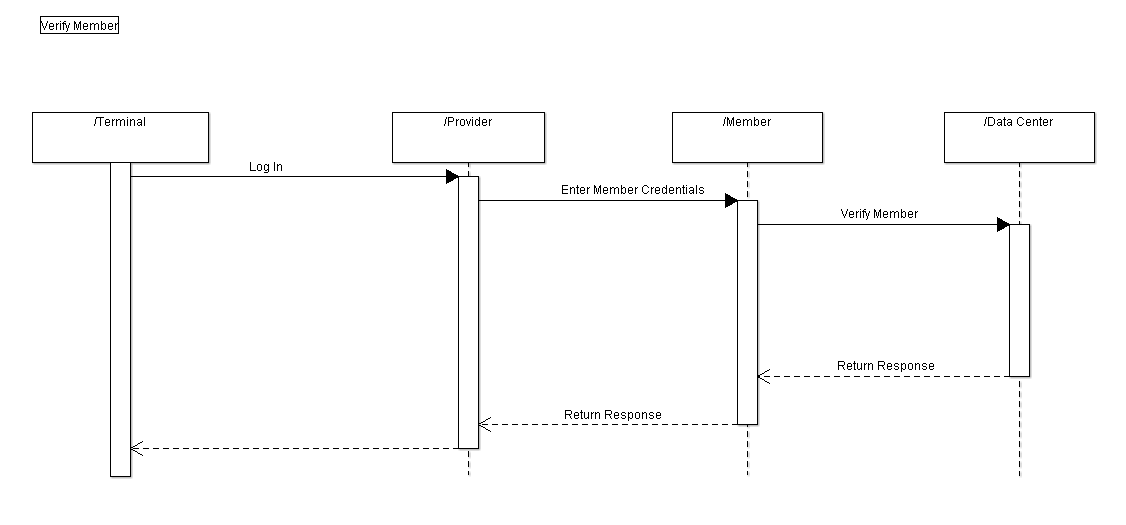
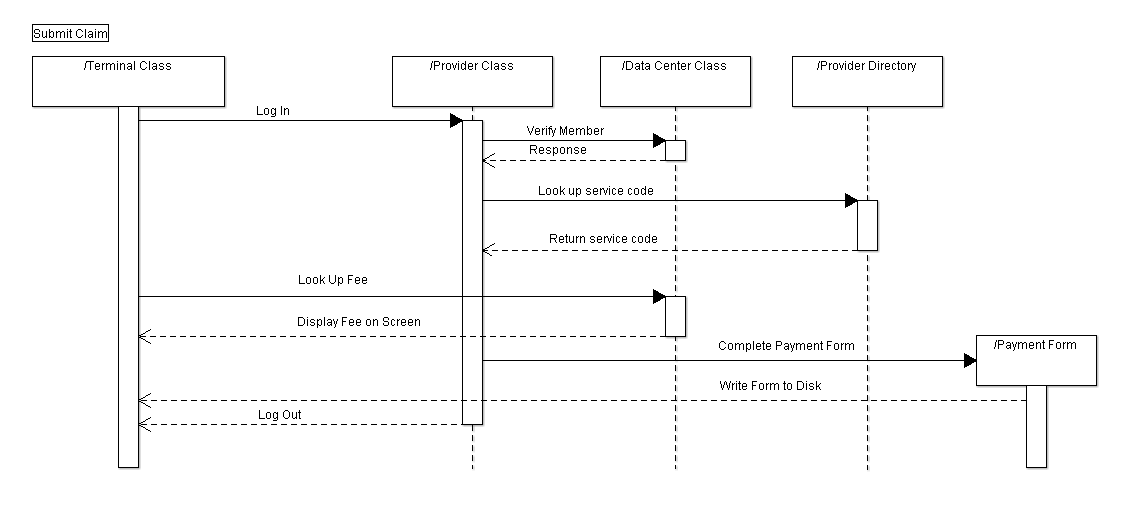
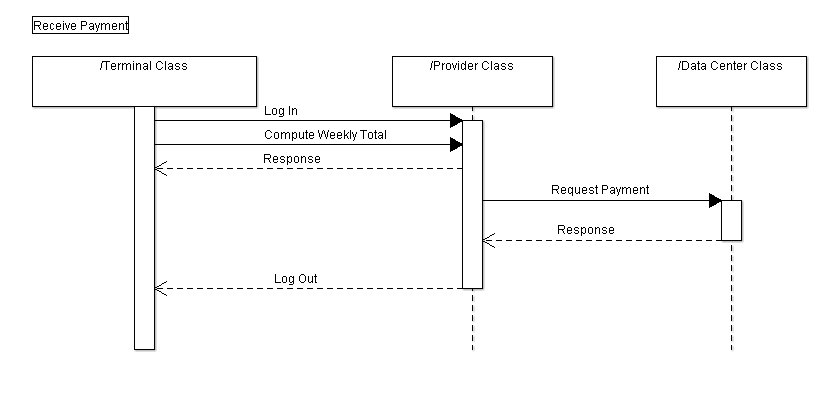
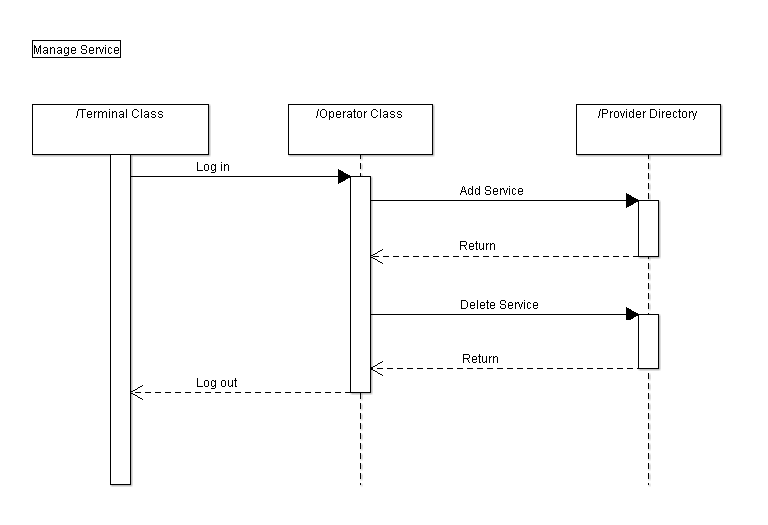
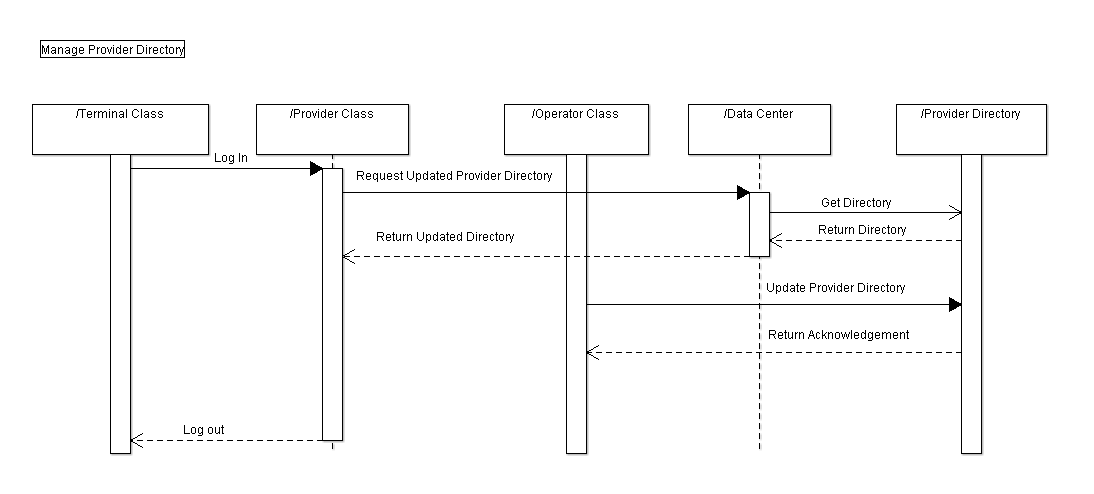
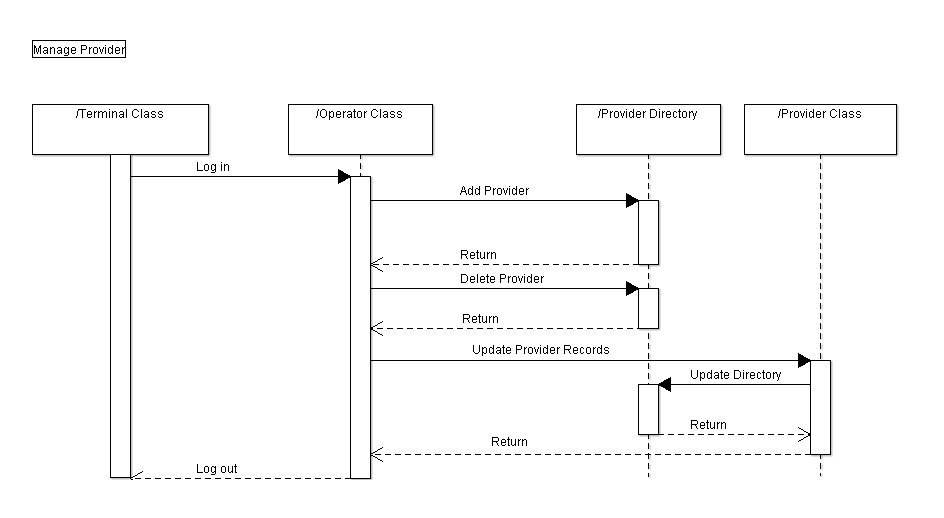
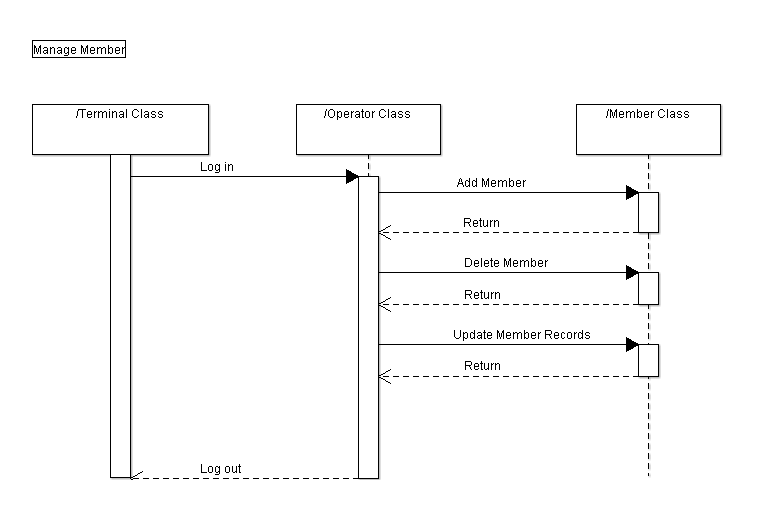
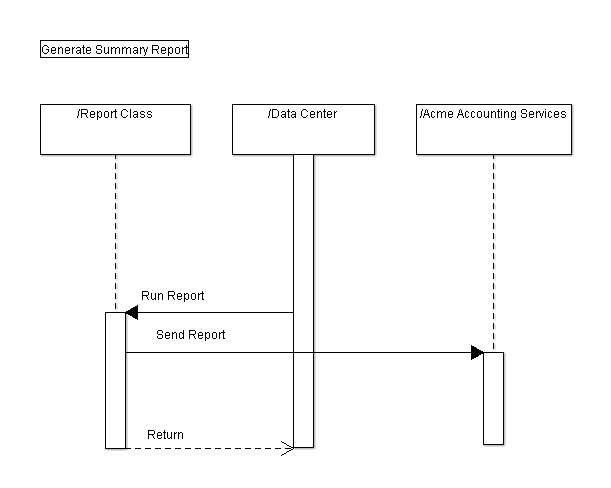
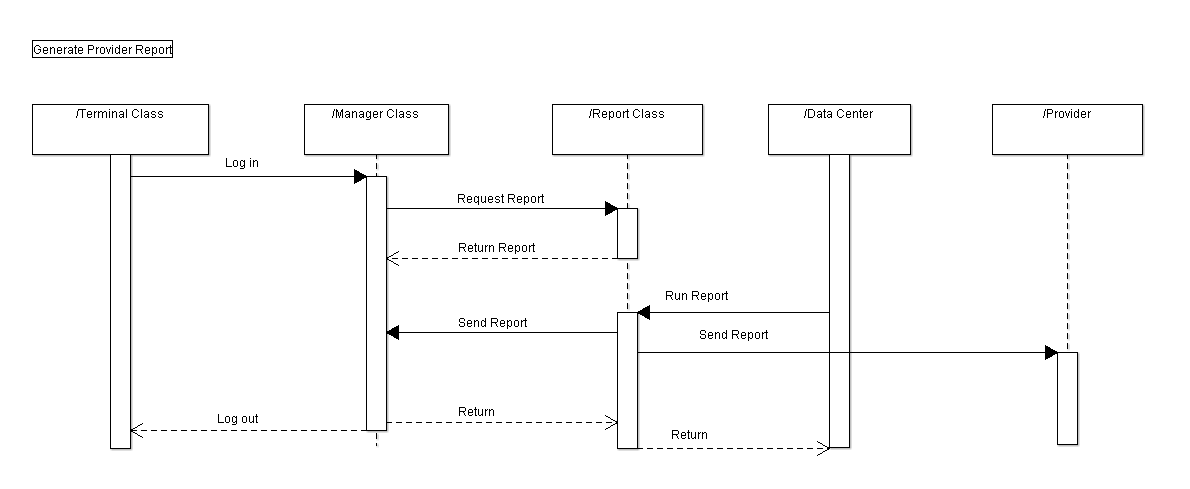
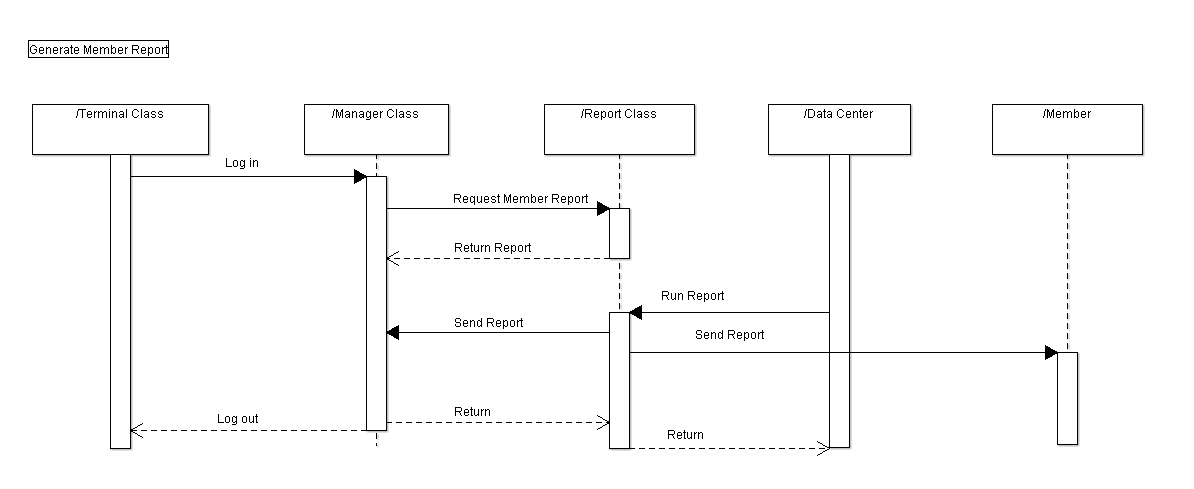
Claim

Terminal

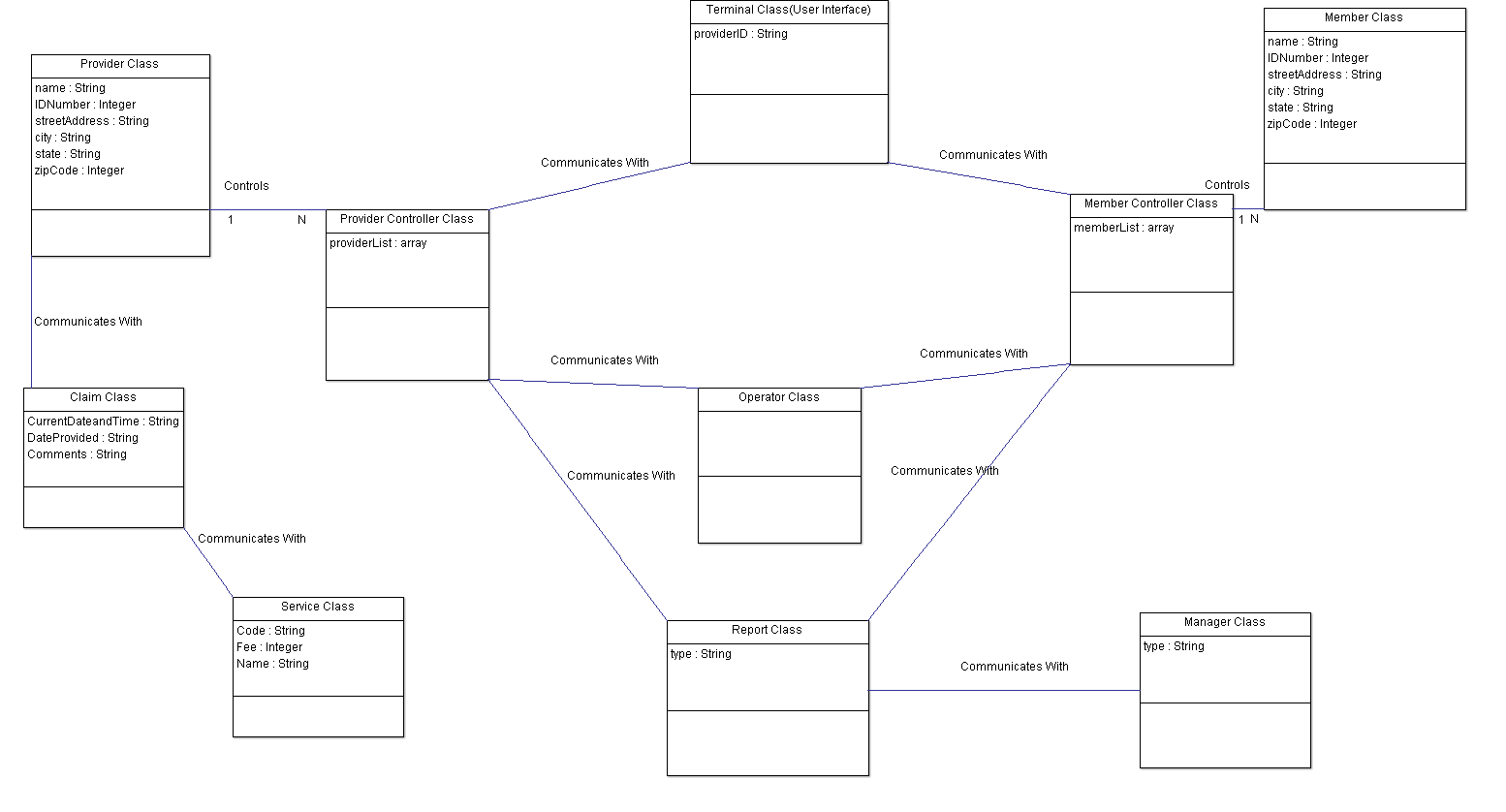
Chocoholics Anonymous State Chart



**Chocoholics Anonymous Sequence Diagrams**

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**Class Diagram**



**Time and Percentage Log**

**Task**

1. Formal Description of Software Product in One Single Paragraph (10%)

* Josh Cutolo 3%
* Josh Pinos 4%
* James Fisher 3%

1. Statechart of the System (15%)

* Josh Cutolo 5%
* Josh Pinos 5%
* James Fisher 5%

1. Sequence Diagrams (40 %)

* Josh Cutolo 13%
* Josh Pinos 13%
* James Fisher 14%

1. Class Diagram (25%)

* Josh Cutolo 9%
* Josh Pinos 8%
* James Fisher 8%

1. Log File (10 %)

* Josh Cutolo 4%
* Josh Pinos 3%
* James Fisher 3%