

Chocoholics Anonymous

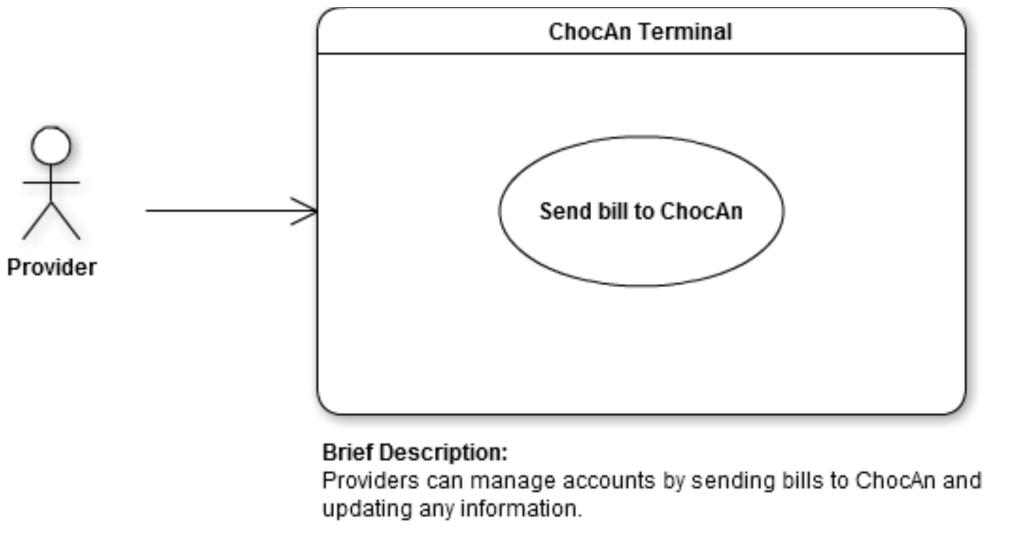
CSC 470

Team Members: Jean-Marcel Belmont, Gabriel Hairston, Shawn Thompson

Description of Chocoholics Anonymous

The Chocoholics Anonymous software is designed to facilitate the administration and treatment of those addicted to chocolate. This software is available for three different users that each have different levels of administrative privileges. The member's account allows the member to submit a request to update their information. The provider's account allows them to submit a request to update their information, and allows the provider to bill Chocoholics Anonymous. The Chocoholics Anonymous operator's account provides the operator with full administrative privileges and allows the operator to manage member and provider accounts. At the end of each week a report is generated and sent to members and providers. Providers may specifically request their provider directory.

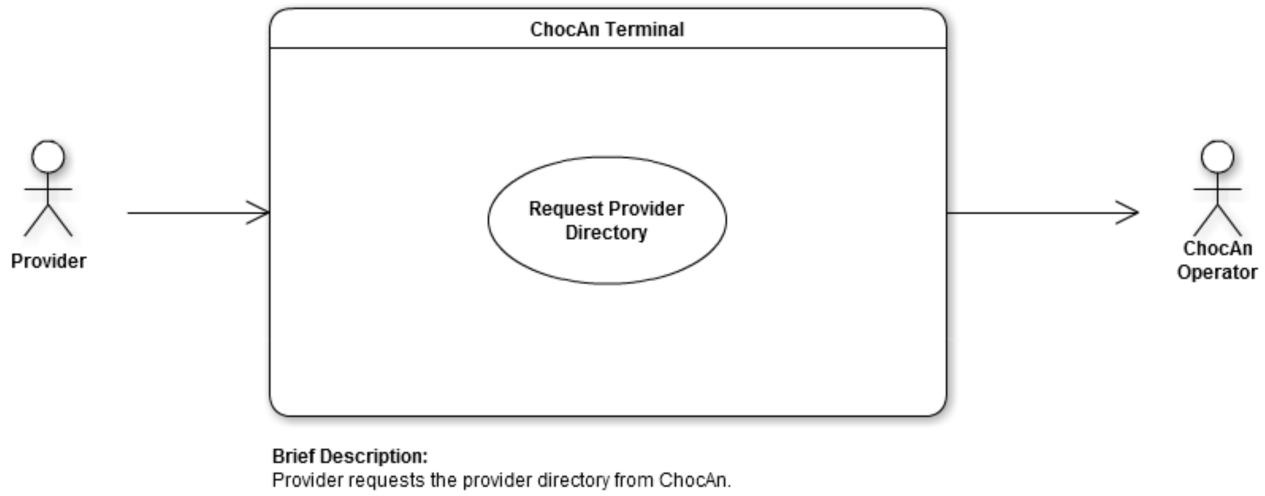
Scenario



Scenario description:

1. The provider logs into the terminal using their provider number and password.
2. The provider then accesses the send bills function.
3. The provider enters the total practice fees for that week.
4. The provider sends the bill to Chocoholics Anonymous.
5. An operator at Chocoholics Anonymous confirms that the bill was received.
6. The provider receives a confirmation that the bill was received by Chocoholics Anonymous.

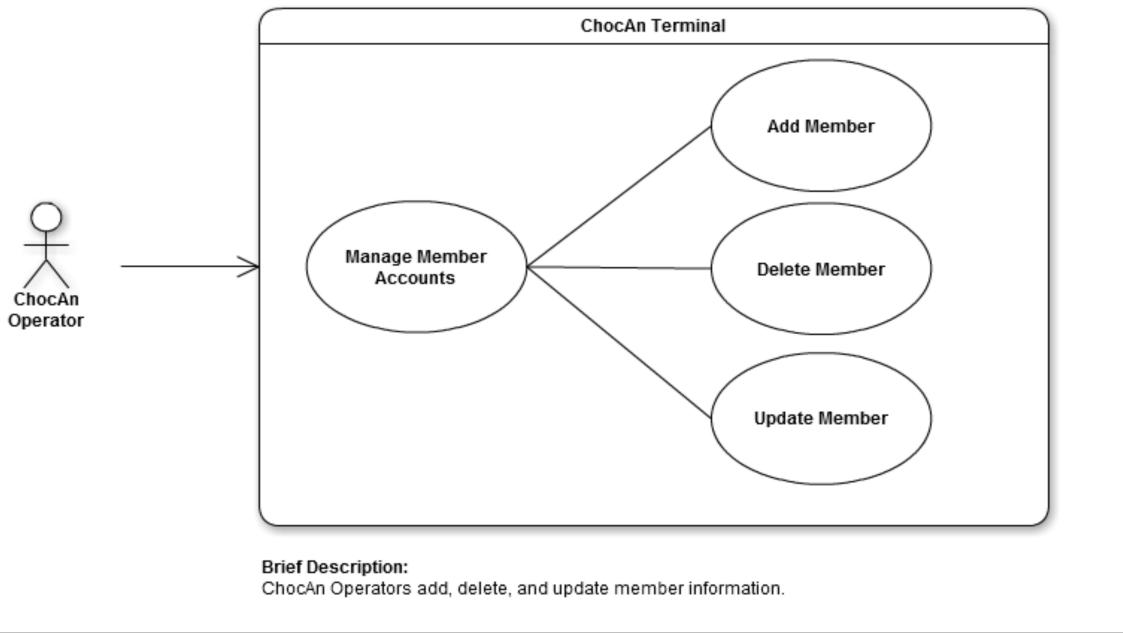
Scenario



Scenario description:

1. The provider logs into the terminal using their provider number and password.
2. The provider then accesses the request directory function.
3. The provider sends a provider directory request to Chocoholics Anonymous.
4. The Chocoholics Anonymous operator receives the provider directory request.
5. The Chocoholics Anonymous operator generates a provider directory report.
6. The Chocoholics Anonymous operator checks that the provider directory matches the provider that is requesting the provider directory.
7. The Chocoholics Anonymous operator sends the report generated to the requesting provider.
8. The provider receives their provider directory from Chocoholics Anonymous.

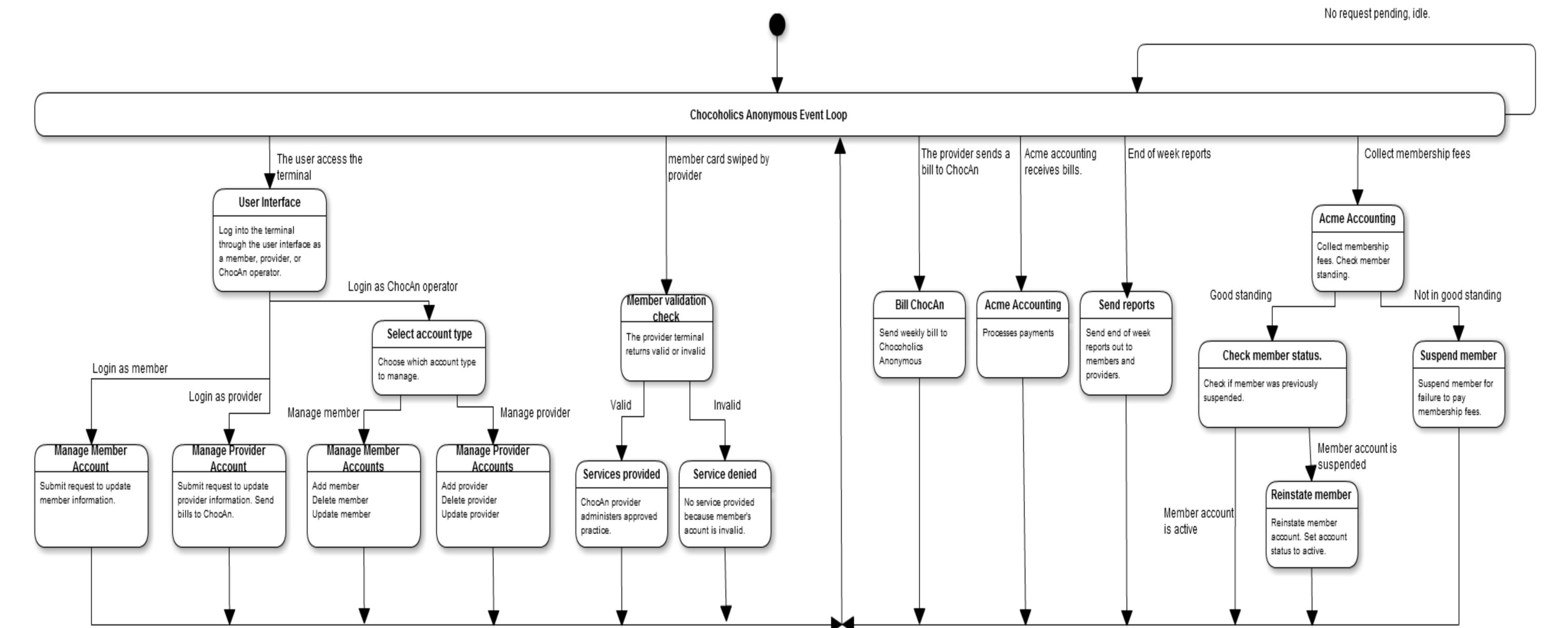
Scenario



Scenario description:

1. The Chocoholics Anonymous operator logs into their terminal with administrative privileges.
2. The Chocoholics Anonymous operator is presented with the option to add, delete, or update member information.
3. The Chocoholics Anonymous operator may select the add function if they wish to add a member.
4. The Chocoholics Anonymous operator may then enter the information of the new member to be added.
5. The Chocoholics Anonymous operator may select the delete function if they wish to delete a member.
6. The Chocoholics Anonymous operator may then enter the information of the member to be deleted.
7. The Chocoholics Anonymous operator may select the update function if they wish to update a member's information.
8. The Chocoholics Anonymous operator may then enter the information of the member they wish to update, followed by their updated information.

Statechart

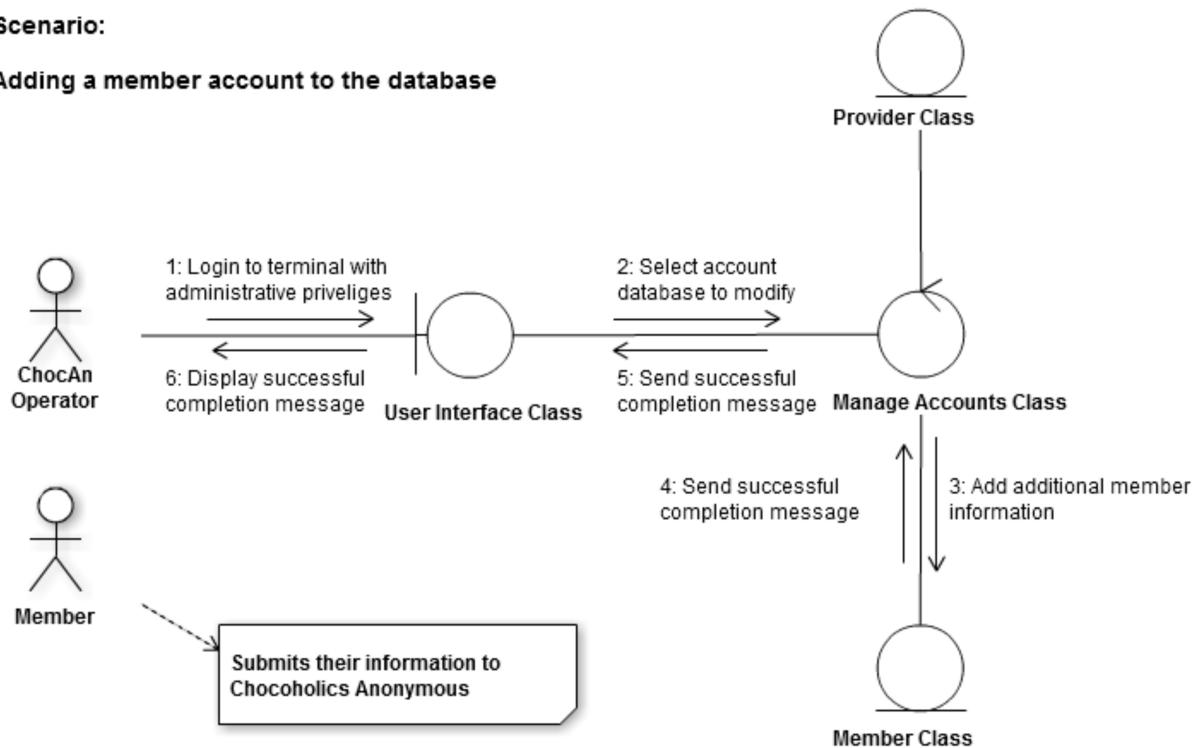


Collaboration Diagrams for All Non-Trivial Use Cases

Add Use Case:

Scenario:

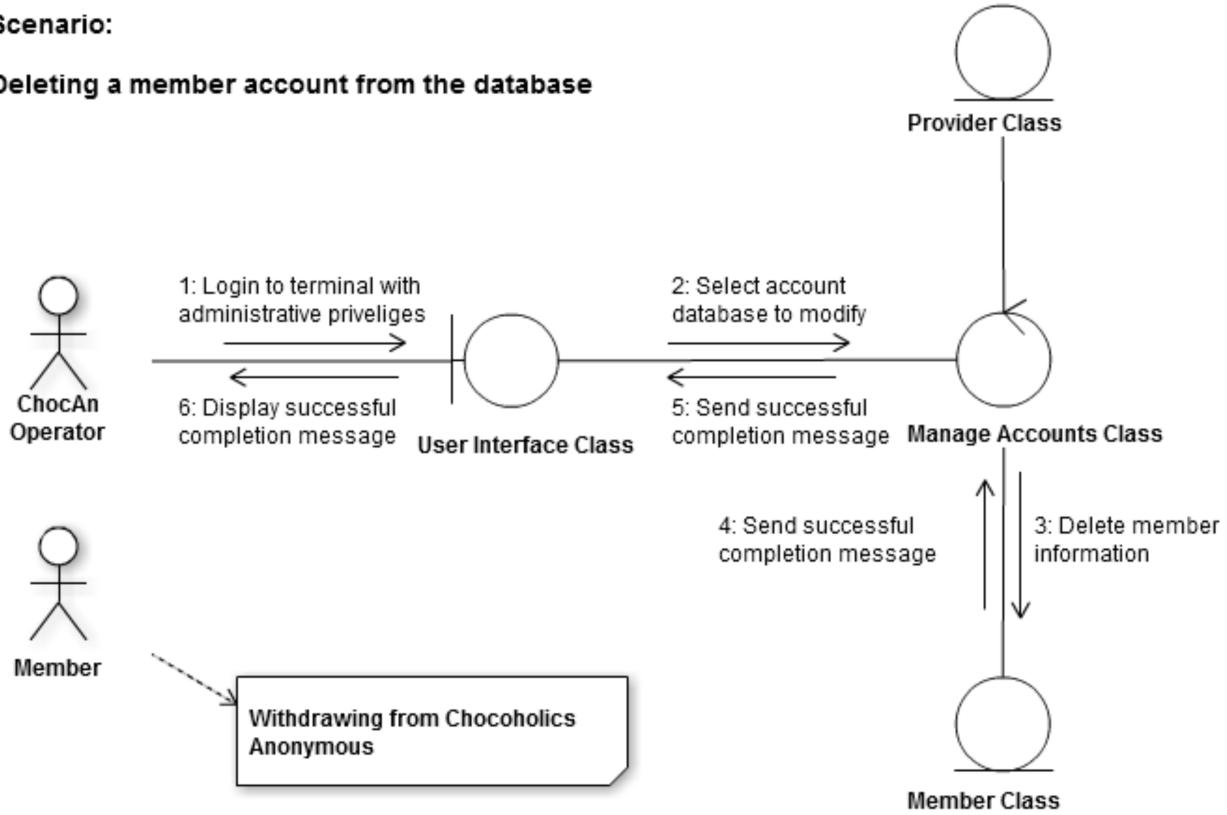
Adding a member account to the database



Delete Use Case:

Scenario:

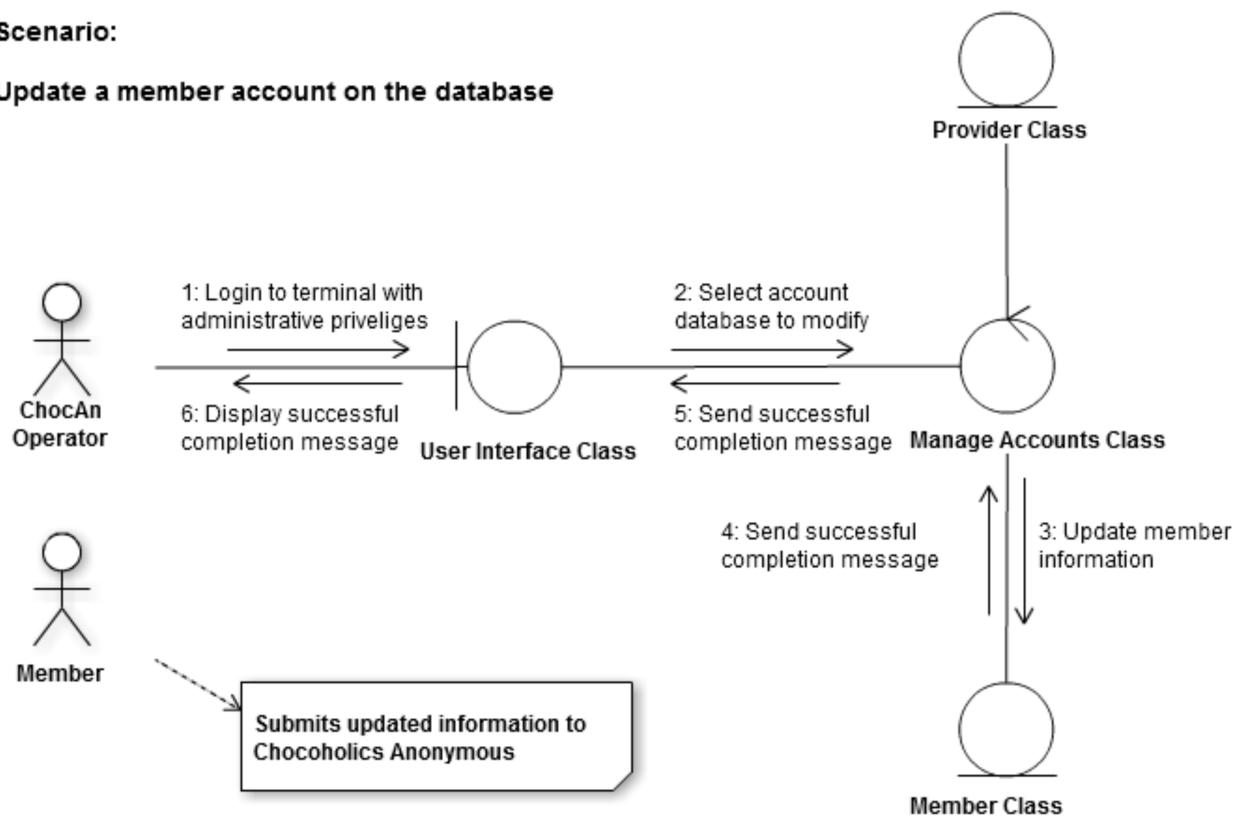
Deleting a member account from the database



Update Use Case:

Scenario:

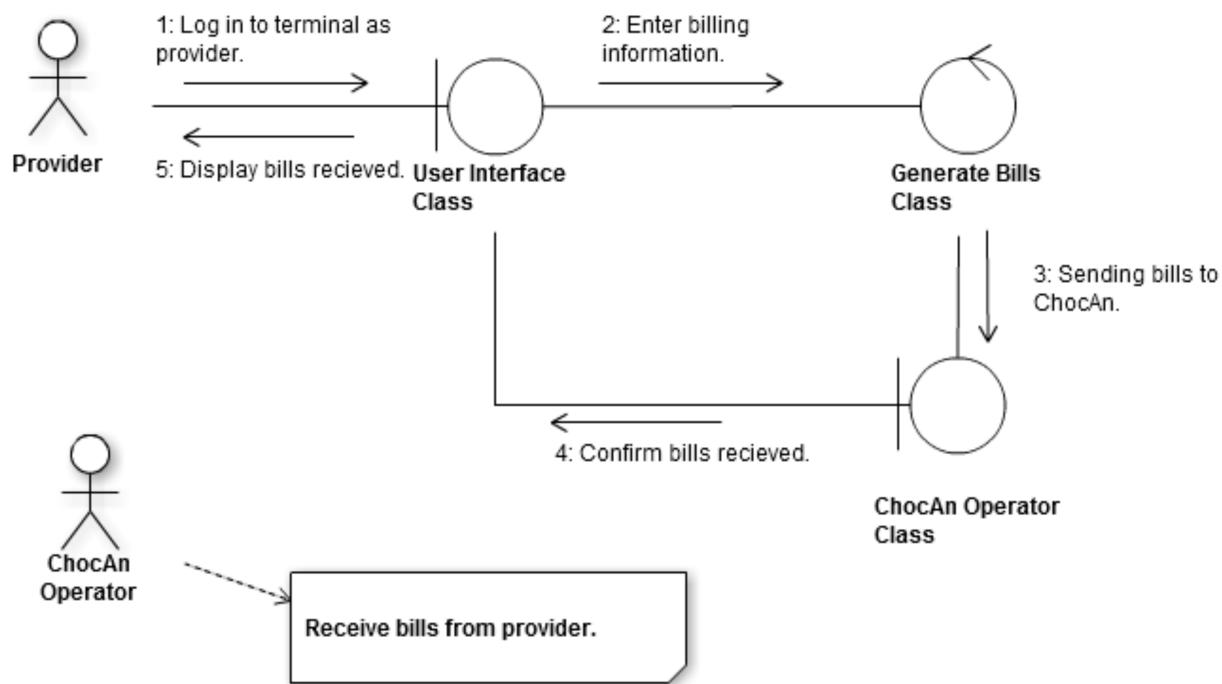
Update a member account on the database



Send Bills Use Case:

Scenario:

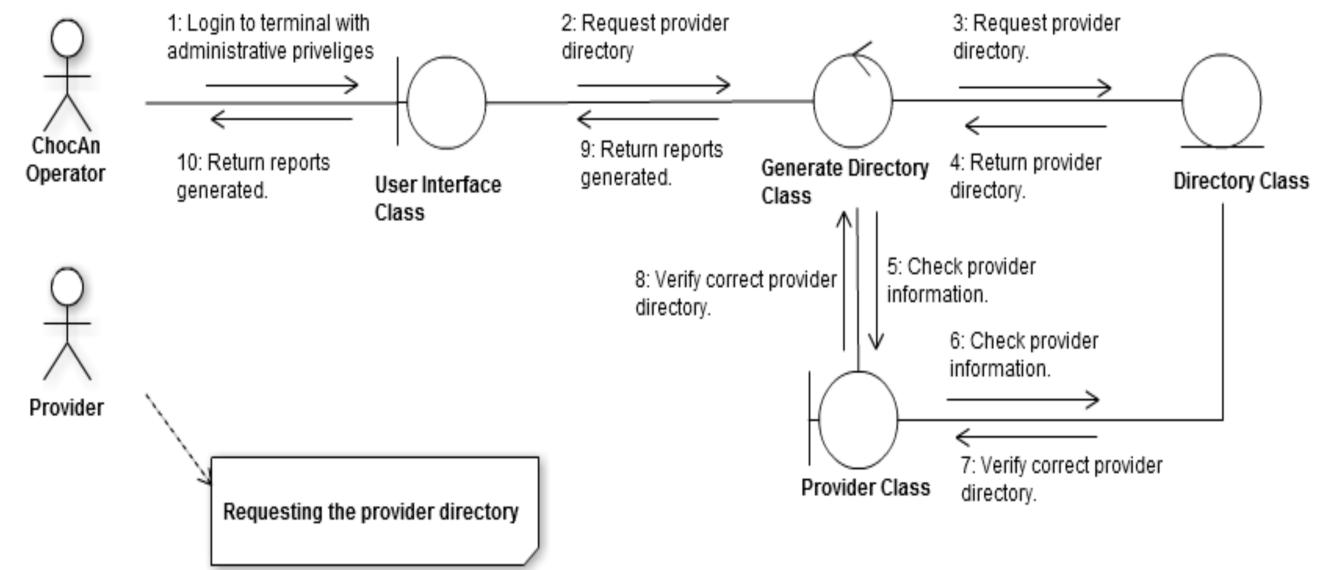
The provider bills ChocAn.



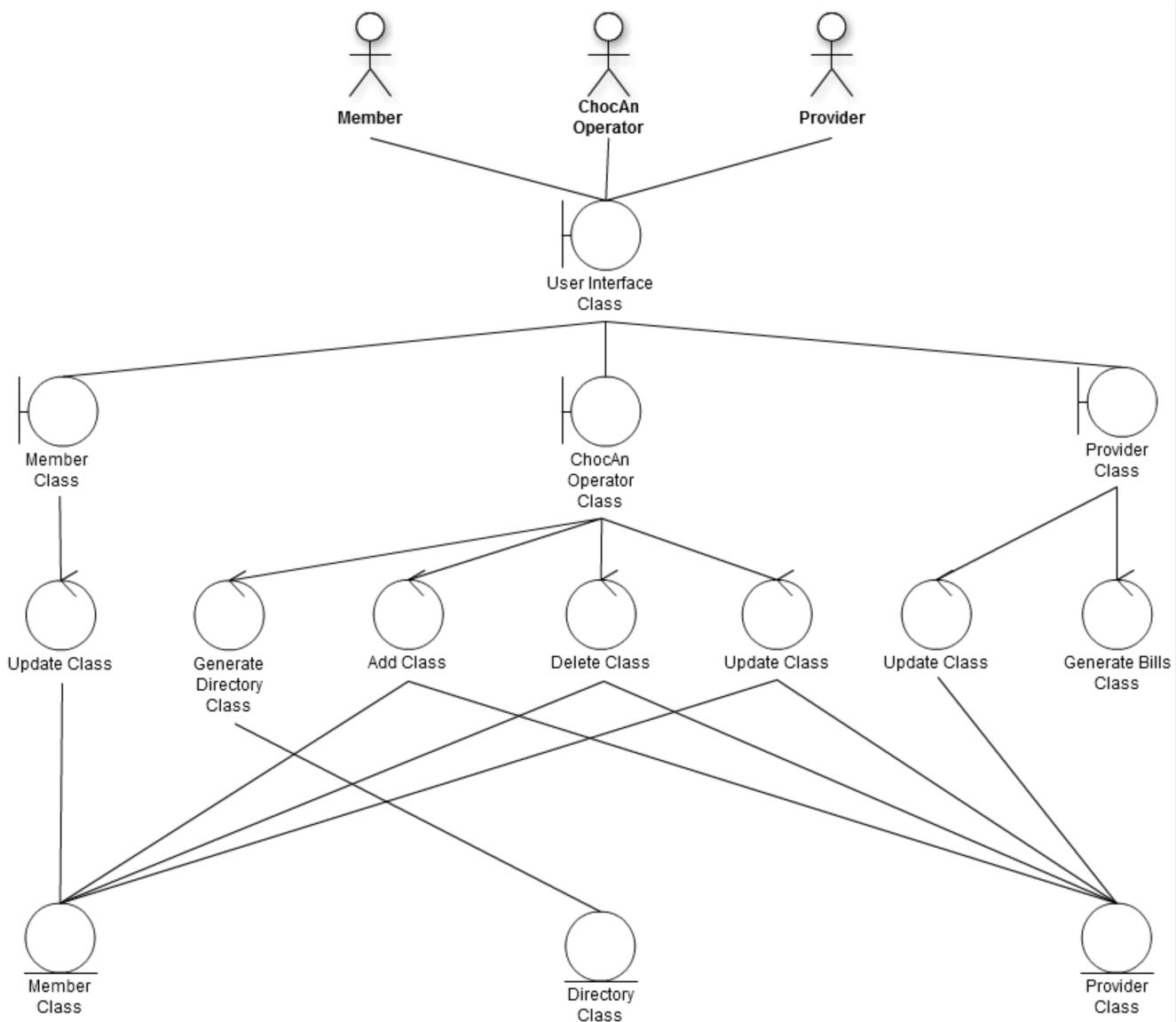
Request Provider Directory Use Case:

Scenario:

The provider requests their provider directory.



Overall Class Diagram



Log

November 13th 2013 6:00pm-7:00pm:

Group met via Google Hangouts and began work on the statechart. Sent questions to Dr. Jin.

November 14 2013 1:45pm-3:00pm:

Group met on campus in the Science and Technology building. Selected non-trivial use cases and revised statechart design.

November 15 2013 11:00pm-1:15pm:

Group met on campus in the Science and Technology building. Designed initial collaboration diagrams for non-trivial use cases.

November 16 2013 2:00pm-5:30pm:

Group met via Google Hangouts and continued work on statechart and collaboration diagrams.

November 17 2013 2:00pm-3:00pm:

Group met via Google Hangouts and worked on statechart, the Overall Class, and the Description of he program.

November 18th 2013 6:00pm-10:00pm:

Group met today via Google Hangouts. Finished State Chart and the Use Case step by Step Scenarios.

Total Team Contribution(100%):

Jean-Marcel Belmont – 30%

Gabriel Hairston – 30%

Shawn Thompson – 40%