

Chocoholics Anonymous

CSC 470

Project 1

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Glossary

Chocoholics Anonymous (ChocAn): It is an organization that is dedicated to helping people that are addicted to all forms of chocolate.

ChocAn Data Center: This office reads week's file of services provided and prints a number of reports.

Validated: If number is valid, then word validated printed onto one-line display.

Invalid Number: If the number is not valid, then the word invalid number is displayed.

Member Suspended: If the fees are owed, then the word member suspended is displayed.

Date of Service: If the member is validated, then the provider keys in the date that the service was provided.

Service Record: Each member who is consulted is provided a list of services including current date and time, date service was provided, provider number, member number, service code, and comments.

Provider Directory: It is an alphabetically ordered list of service names and corresponding service codes and fees.

Member Information: A report, which consists of member name, member number, member street address, member city, member state, and member zip code.

Summary Report: A report that is given to the manager for accounts payable.

Add Member: ChocAn operators allowed to add a member to member records.

Delete Member: ChocAn operators allowed to delete a member from member records.

Update Member: ChocAn operators allowed to update member information.

Accounting Services: Responsible for financial procedures in ChocAn Data Center.

Electronic Funds Transfer: Ensuring that providers receive payment.

Provider's Terminal: A terminal interface for the provider to see and access the ChocAn Database.

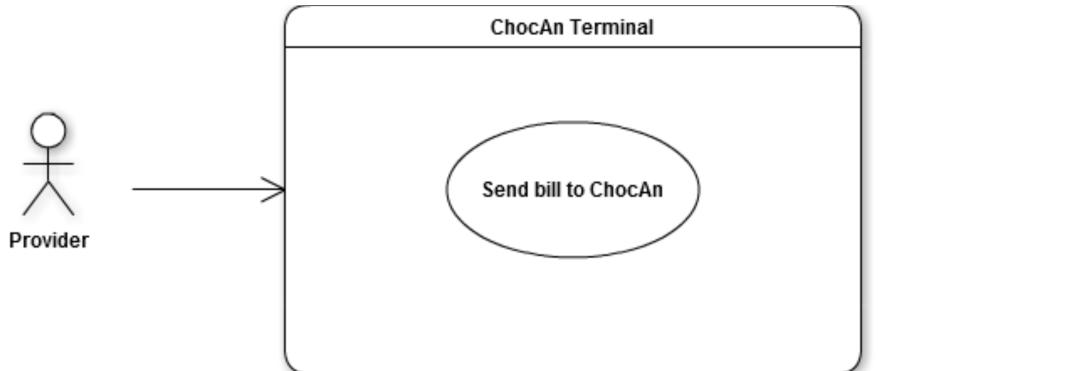
Use Case Diagrams

Actors:

- Member
- Provider
- ChocAn Operator

Use Case:

Send bill to ChocAn



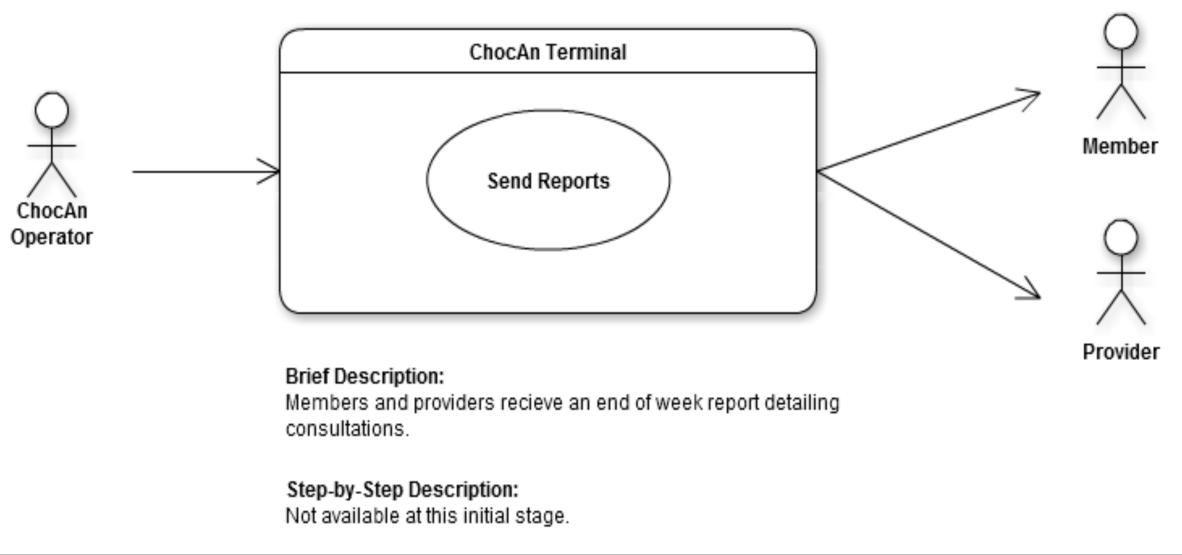
Brief Description:

Providers can manage accounts by sending bills to ChocAn and updating any information.

Step-by-Step Description:

Not available at this initial stage.

Send Reports



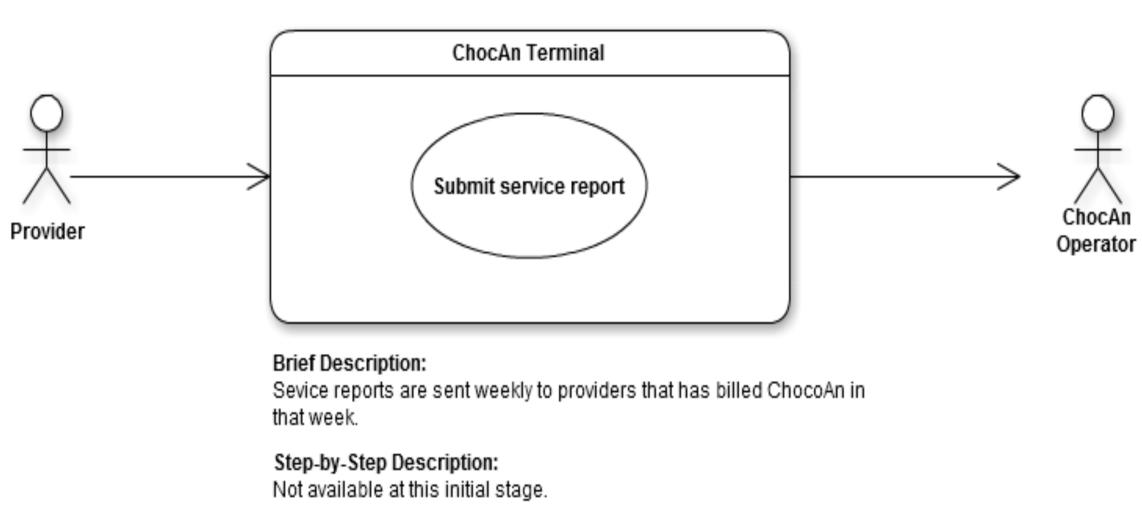
Brief Description:

Members and providers receive an end of week report detailing consultations.

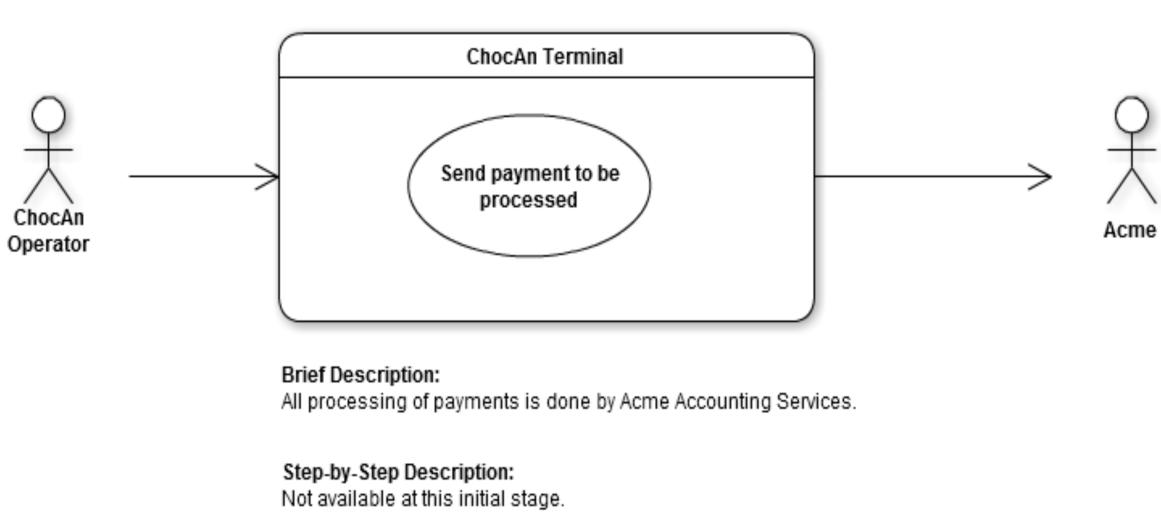
Step-by-Step Description:

Not available at this initial stage.

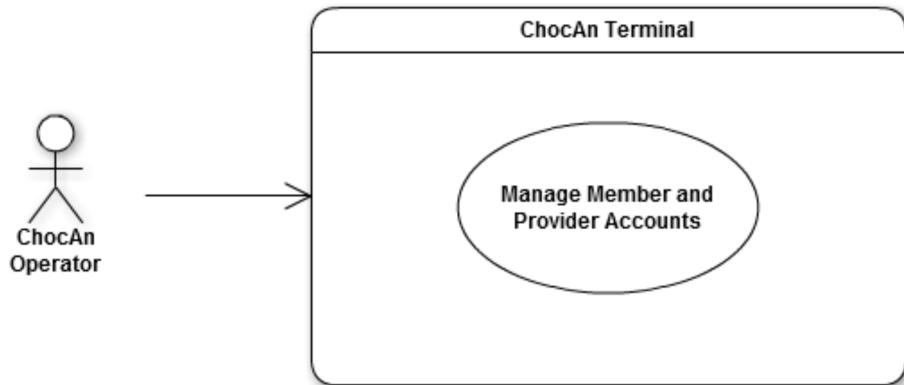
Submit service report



Send payment to be processed



Manage member and provider accounts



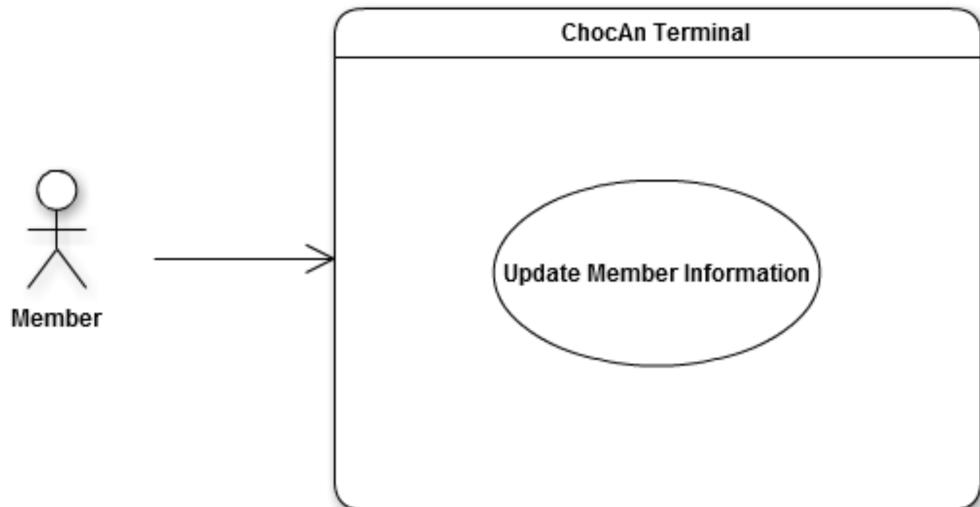
Brief Description:

ChocAn Operators add, delete, and update member and provider information.

Step-by-Step Description:

Not available at this initial stage.

Update member information



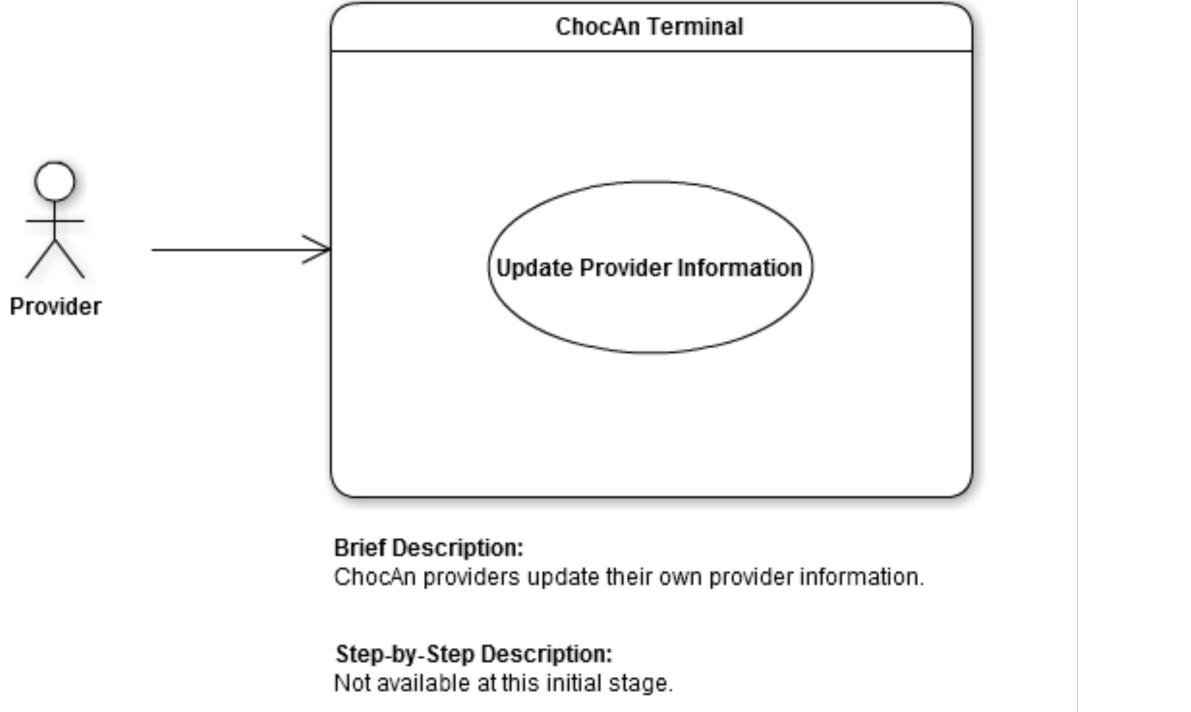
Brief Description:

ChocAn members update their own member information.

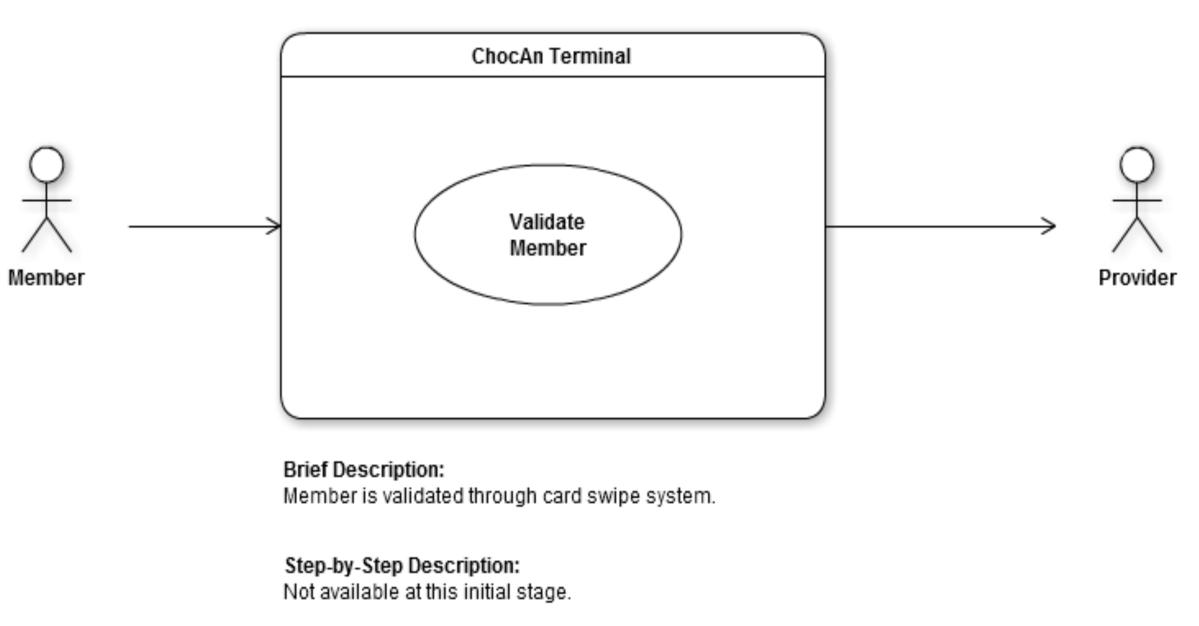
Step-by-Step Description:

Not available at this initial stage.

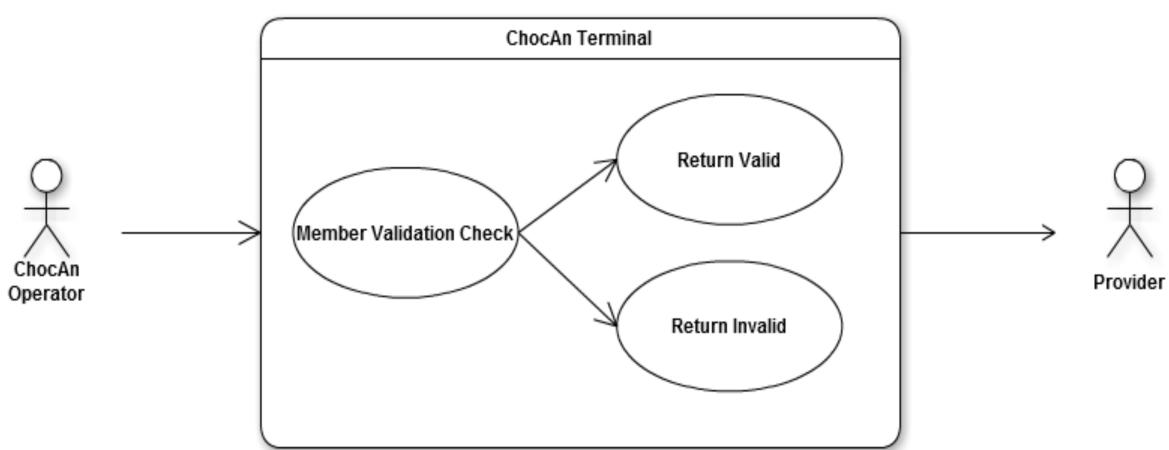
Update provider information



Validate member



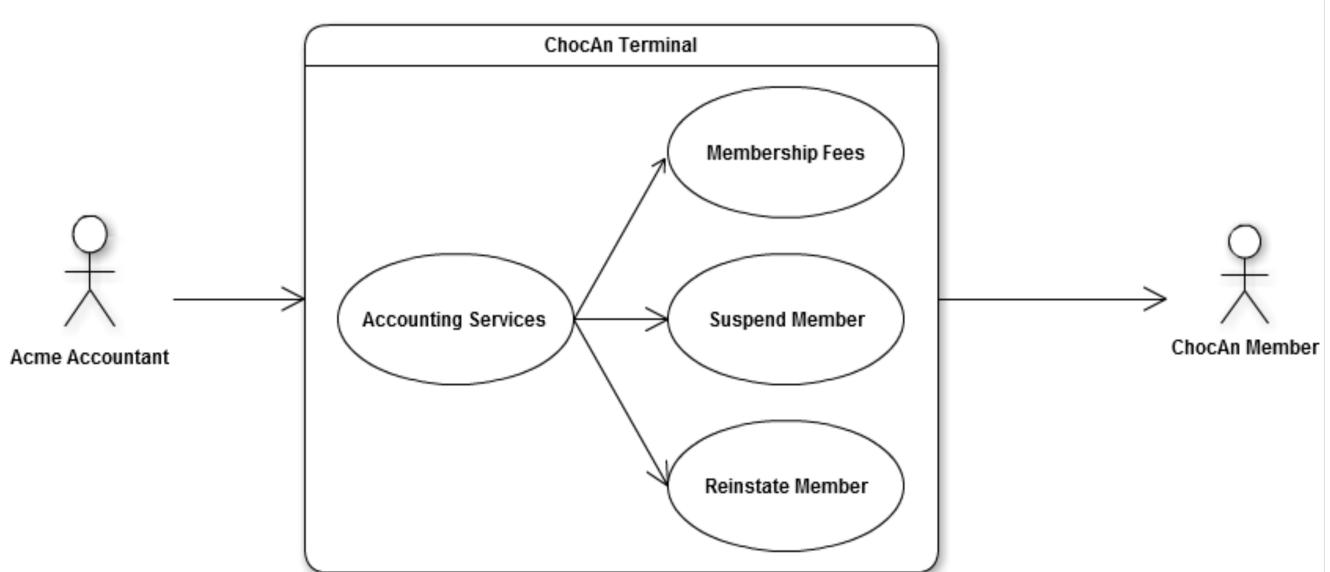
Member validation check



Brief Description:
ChocAn checks for member validity and returns to provider.

Step-by-Step Description:
Not available at this initial stage.

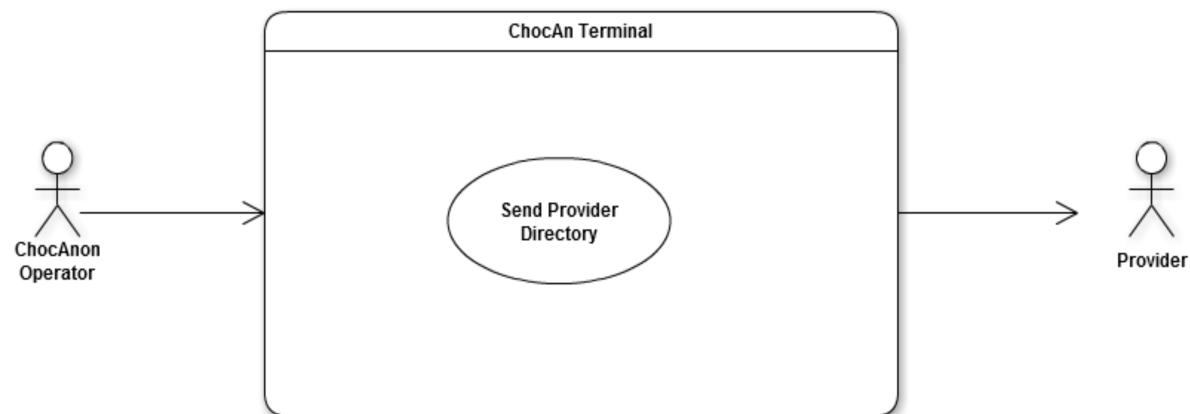
Accounting services



Brief Description:
Acme Accounting services maintain membership fees and suspend/reinstate members for ChocAn.

Step-by-Step Description:
Not available at this initial stage.

Send provider directory



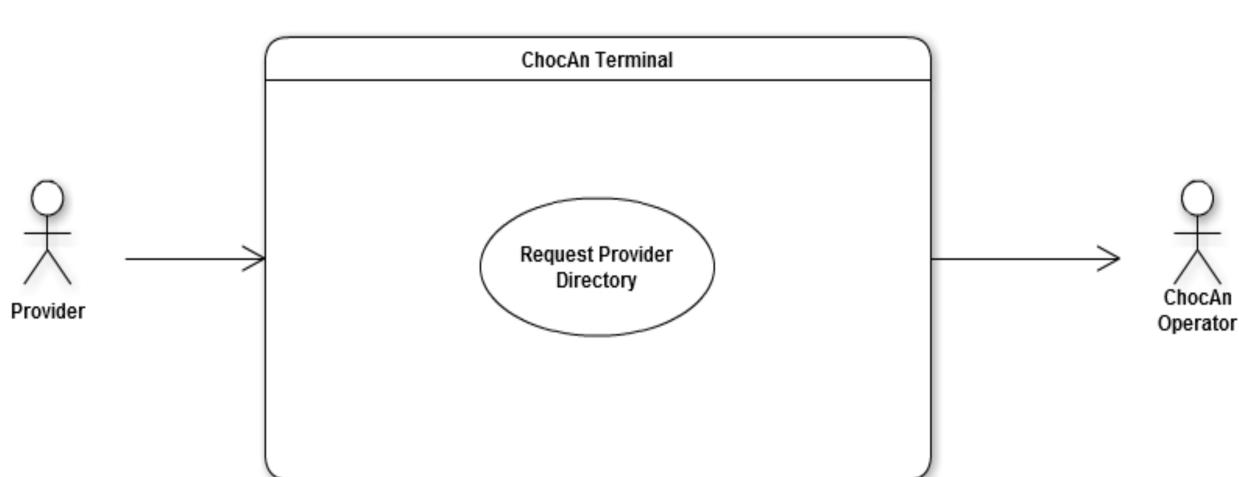
Brief Description:

Provider receives the provider directory in the form of an email attachment.

Step-by-Step Description:

Not available at this initial stage.

Request provider directory



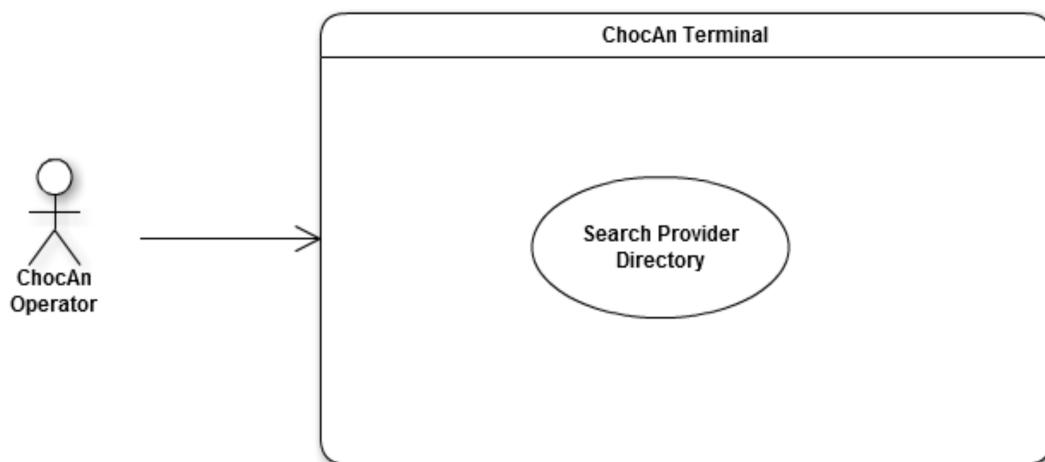
Brief Description:

Provider requests the provider directory from ChocAn.

Step-by-Step Description:

Not available at this initial stage.

Search provider directory



Brief Description:

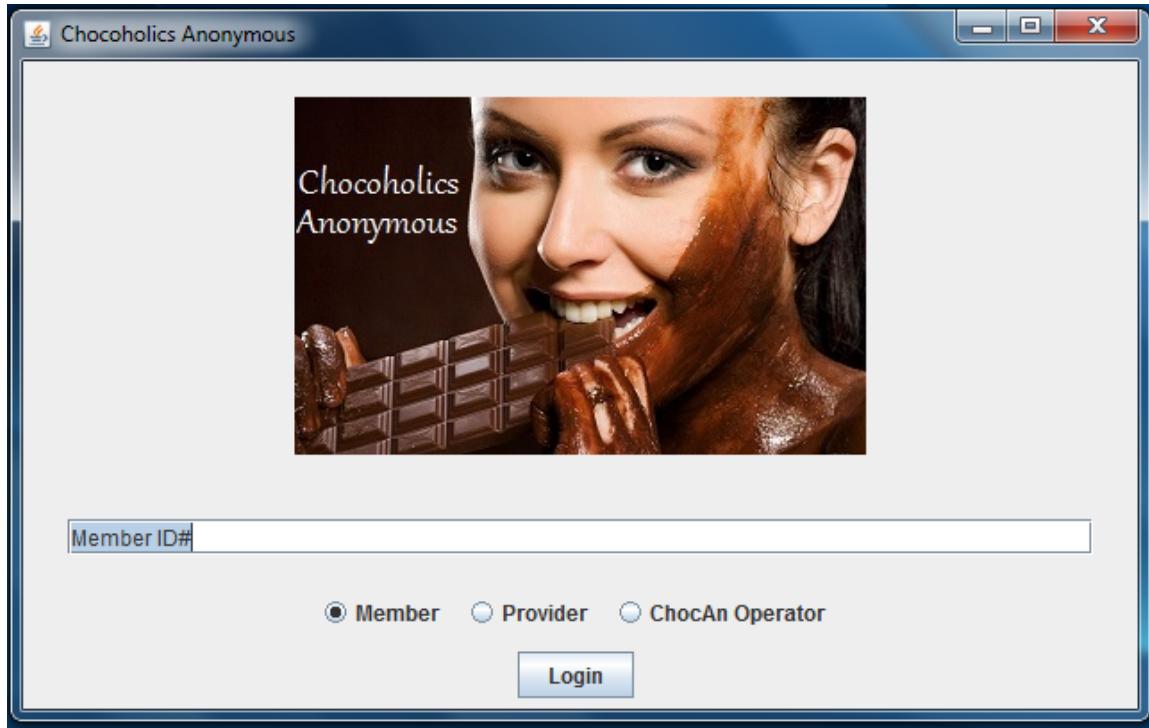
The ChocAn Operator searches the provider directory for the requested information.

Step-by-Step Description:

Not available at this initial stage.

Prototype

Log In:



Use the radio buttons to login as Member, Provider, or ChocAn Operator.

Member Log In:

A screenshot of a Windows-style application window titled "Chocoholics Anonymous". The window has a tabbed interface with the "Member Information" tab selected. On the left side, there is a vertical list of member information fields: "Member name:", "Member number:", "Member street address:", "Member city:", "Member state:", and "Member ZIP code:". To the right of each label is a corresponding text input field. At the bottom of the window are two buttons: a blue "Submit" button and a light blue "Logout" button.

Allows members to update their information and submit it for review.

Provider Log In (Provider Information):

This screenshot shows a Windows application window titled "Chocoholics Anonymous". The window has two tabs at the top: "Provider Information" (which is selected) and "Send Bill". The main area contains six text input fields for provider information:

- Provider name: [empty input field]
- Provider number: [empty input field]
- Provider street address: [empty input field]
- Provider city: [empty input field]
- Provider state: [empty input field]
- Provider ZIP code: [empty input field]

Below these fields are two buttons:

- A blue "Submit" button.
- A white "Logout" button.

Allows Provider to update information and submit for review.

Provider Log In (Send Bill):

This screenshot shows a Windows application window titled "Chocoholics Anonymous". The window has two tabs at the top: "Provider Information" (selected) and "Send Bill". The main area contains six text input fields for bill information:

- Date of service: [empty input field]
- Date and time data received: [empty input field]
- Member name: [empty input field]
- Member number: [empty input field]
- Service code: [empty input field]
- Fee to be paid: [empty input field]

Below these fields are two buttons:

- A blue "Send Bill" button.
- A white "Logout" button.

Allows Provider to send bill to ChocAn for services provided to members.

ChocAn Operator Log In (Add Member/Provider):

The screenshot shows a Windows application window titled "Chocoholics Anonymous". The menu bar has three items: "Add Member/Provider" (selected), "Delete Member/Provider", and "Update Member/Provider". The main area contains six text input fields for member/provider information: "Member/Provider name", "Member/Provider number", "Member/Provider street address", "Member/Provider city", "Member/Provider state", and "Member/Provider ZIP code". Below these fields is a blue button labeled "ADD". At the bottom of the window is a blue button labeled "Logout".

Allows ChocAn Operator to add Member/Provider to ChocAn.

ChocAn Operator Log In (Delete Member/Provider):

The screenshot shows a Windows application window titled "Chocoholics Anonymous". The menu bar has three items: "Add Member/Provider", "Delete Member/Provider" (selected), and "Update Member/Provider". The main area contains six text input fields for member/provider information: "Member/Provider name", "Member/Provider number", "Member/Provider street address", "Member/Provider city", "Member/Provider state", and "Member/Provider ZIP code". Below these fields is a blue button labeled "DELETE". At the bottom of the window is a blue button labeled "Logout".

Allows ChocAn Operator to delete Member/Provider from ChocAn.

ChocAn Operator Log In (Update Member/Provider):

The screenshot shows a Windows application window titled "Chocoholics Anonymous". The window has three tabs at the top: "Add Member/Provider", "Delete Member/Provider", and "Update Member/Provider", with "Update Member/Provider" being the active tab. The main area contains six text input fields for member/provider information: "Member/Provider name", "Member/Provider number", "Member/Provider street address", "Member/Provider city", "Member/Provider state", and "Member/Provider ZIP code". Below these fields is a blue button labeled "UPDATE". At the bottom of the window is another blue button labeled "Logout".

Allows ChocAn to update Member/Provider information.

Log

Tuesday October 29th 2013 6pm – 9pm

Jean, Gabriel and Shawn completed the Glossary for Project.

Started work on Use Case Diagrams.

Wednesday October 30th 2013 6pm – 11:15pm

Jean, Gabriel and Shawn created 1st GUI panel for the Chocoholics project.

Username, Password inputs created.

Login button was created also.

Login button creates new window to display member's information.

Thursday October 31st 2013 6:00pm – 9pm

Jean, Shawn, and Gabriel continued work on the project.

Today we worked on the USE CASE models for the project.

Saturday November 2nd 2013 6:00 pm – 8:00 pm

Shawn and Gabriel worked on the GUI for the project.

Radio buttons and tabs modified.

Sunday November 3rd 2013 5:00pm – 8:30pm

Group met via Google Hangouts.

Changed functionality to the GUI and also added new Use Case to the UML Diagram.

Tabbed panes implemented in the GUI.

Monday November 4th 2013 6:00pm – 11:00pm

Finished the business model described in the use case diagram.

Completed the GUI.

Finished the Glossary.

Tuesday November 5th 2013 6:00pm – 11:00pm

The project was completed.

The Provider Send Bill pane was added.

Case Tools Used:

- Eclipse IDE
- Cacoo is the UML Diagram software used.
- Git is the version control system used.