

Use Case#1:	Validate member
Context:	Validate the member through the member's number from swiping member's card
Actor:	Provider
Main Success Scenario: (Step by Step)	<ol style="list-style-type: none"> 1. Get the number from the card reader 2. Check the member's number in the database 3. The terminal display that the member is valid
Extensions:	<ol style="list-style-type: none"> 1a. Fail to read the card <ol style="list-style-type: none"> 1a.1 Swap again 2a. The member's number is invalid <ol style="list-style-type: none"> 2a.1 The system informs the provider 2a.2 Return to step 1 2a. The member's number is invalid <ol style="list-style-type: none"> 2a.1 The system informs the provider 2a.2 Return to step 1 2b. The member is suspended <ol style="list-style-type: none"> 2b.1 The system inform provider

Use Case#2:	Bill ChocAn After Services
Context:	The provider records the bill after services
Actor:	Provider
Main Success Scenario: (Step by Step)	<ol style="list-style-type: none"> 1. Validate Member 2. Provider key in the date (With format MM-DD-YYYY) 3. Provider look up the services code (6 digits) 4. Validate services code 5. Provider fills the form 6. Provider add comment 7. Write file to disk Form of the file: Current date and time (MM-DD-YYYY HH:MM:SS). Date service was provided (MM-DD-YYYY). Provider number (9 digits). Member number (9 digits). Service code (6 digits). Comments (100 characters) (optional). 8. Look up fee to be paid and display
Extensions:	<ol style="list-style-type: none"> 1a. Fail to validate member <ol style="list-style-type: none"> 1a.1 quit 4a. The service code is nonsexist <ol style="list-style-type: none"> 4a.1 Inform provider 4a.2 Return to step4 6a. Provider do not have comment <ol style="list-style-type: none"> 6a.1. Return to step7

Use Case#3:	Request provider directory
Context:	Provider can request the provider directory and sent as an attachment to email
Actor:	Provider
Main Success Scenario: (Step by Step)	<ol style="list-style-type: none"> 1. Provider send a request for his provider directory (By name) 2. Search provider directory 3. Send provider directory to provider's email
Extensions:	2a. Fail to find the directory of the provider 2a.1 Inform provider 2a.2 Return to step1

Use Case#4:	Run main accounting procedure
Context:	At midnight on Friday, system read data and generate files for member and provider
Actor:	Timer
Main Success Scenario: (Step by Step)	<ol style="list-style-type: none"> 1. Read the file from datacenter 2. Generate individual report for each member 3. Generate individual report for each provider 4. Generate summary report for the manager 5. Write EFT data to disk
Extensions:	N/A

Use Case#5:	Generate individual report of Member Extends Requests a report	
Context:	Each member who has consulted a provider during that week will receive a report	
Actor:	Timer, Manager	
Main Success Scenario: (Step by Step)	<ol style="list-style-type: none"> 1. Generate member's report The Format of the report: Member name (25 characters). Member number (9 digits). Member street address (25 characters). Member city (14 characters). Member state (2 letters). Member ZIP code (5 digits). For each service provided, the following details are required: Date of service (MM-DD-YYYY). Provider name (25 characters). Service name (20 characters). 	
	2a. If the actor is the Timer 2a.1 Send the report to the specific member	2b. If the actor is the manager 2b.1 Send the report to the manager
Extensions:	N/A	

Use Case#6:	Generate individual report to provider Extends Requests a report	
Context:	Each provider who has billed during that week will received a report	
Actor:	Timer, manager	
Main Success Scenario: (Step by Step)	1. Generate the report for provider The Format of the report: Provider name (25 characters). Provider number (9 digits). Provider street address (25 characters). Provider city (14 characters). Provider state (2 letters). Provider ZIP code (5 digits). For each service provided, the following details are required: Date of service (MM-DD-YYYY). Date and time data were received by the computer (MM-DD-YYYY HH:MM:SS). Member name (25 characters). Member number (9 digits). Service code (6 digits). Fee to be paid (up to \$999.99). Total number of consultations with members (3 digits). Total fee for week (up to \$99,999.99)	
	2a. The actor is the Timer 2a.1 Send the report to the specific provider	2b. The actor is the manager 2b.1 Send the report to the manager
Extensions:	N/A	

Use Case#7:	Generate summary report to manager Extends Requests a report	
Context:	The summary report is given to the manager for accounts payable	
Actor:	Manager, Timer	
Main Success Scenario: (Step by Step)	1. Generate summary report (The report lists every provider to be payed that week, the number of consultations each had, and his or her total fee for that week)	
	2. Send the report to the manager	
Extensions:	N/A	

Use Case#8:	Request a report	
Context:	Manager can request each type of report manually	
Actor:	Manager	
Main Success Scenario: (Step by Step)	1. Login the system as the manager	
	2. The manager sends a request to the system for a specific report	
	3. The system generates the report based on the request	
Extensions:	1a. Wrong name	

	1a.1 Return to Step1
	1b. Wrong password 1b.1 Return to Step1

Use Case#9:	Write EFT Data to disk
Context:	The record consist Electric transfer data will be written to the disk
Actor:	Timer
Main Success Scenario: (Step by Step)	<p>1. For each service provided, there will have a record of EFT Data (Provider name (max 25 characters) Provider number (max 9 digits) Total fee for week (max \$999.99).)</p> <p>2. Record the record to the disk</p>
Extensions:	N/A

Use Case#10:	Validate Operator
Context:	In order to run the software in interactive mode, the operator at the ChocAn Data Center needs to be validated
Actor:	ChocAn Operator
Main Success Scenario: (Step by Step)	<p>1. The operator runs interactive mode</p> <p>2. The terminal prompts the user to enter an admin password</p> <p>3. The software then goes into interactive mode</p>
Extensions:	2a. Wrong username 2a.1 Return to step2
	2b. Wrong password 2b.1 Return to step2

Use Case#11:	Add member or provider				
Context:	Add new member/provider information to the database				
Actor:	Operator				
Main Success Scenario: (Step by Step)	<table border="1"> <tr> <td>1. Choose add member or provider</td><td></td></tr> <tr> <td> 2a. If choose the member 2a.1 Enter the information of the member to database (The format): Member name (25 characters). Member number (9 digits). Member street address (25 characters). Member city (14 characters). Member state (2 letters). Member ZIP code (5 digits). </td><td> 2b. If choose the provider 2b.1 Enter the information of the provider to database (The format): Provider name (25 characters). Provider number (9 digits). Provider street address (25 characters). Provider city (14 characters). Provider state (2 letters). Provider ZIP code (5 digits). </td></tr> </table>	1. Choose add member or provider		2a. If choose the member 2a.1 Enter the information of the member to database (The format): Member name (25 characters). Member number (9 digits). Member street address (25 characters). Member city (14 characters). Member state (2 letters). Member ZIP code (5 digits).	2b. If choose the provider 2b.1 Enter the information of the provider to database (The format): Provider name (25 characters). Provider number (9 digits). Provider street address (25 characters). Provider city (14 characters). Provider state (2 letters). Provider ZIP code (5 digits).
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	3a. Add the information of the member to the database	3b. Add the information of the member to the database
Extensions:	2a. The information is not all provided 2a.1 Return to Step2	
	3a. The member already existed 3a.1 Inform the operator	

Use Case#12:	Delete member or provider	
Context:	Delete the information of the provider or member from the database	
Actor:	Operator	
Main Success Scenario: (Step by Step)	1. Choose the member of provider	
	2a. If choose member	2b. If choose provider
	3a. Enter the name of member	3b. Enter the name of the provider
	4a. Search the name in the database	4b. Search the name in the database
	5a. Remove the member from data base	5b. Remove the provider from the data base
Extensions:	4a. The member does not exist 4a.1 Inform operator 4a.2 return to Step3a	
	4b. The provider does not exist 4b.1 Inform operator 4b.2 return to Step3b	

Use Case#13:	Update member or provider	
Context:	Update the information of member or provider in the database	
Actor:	Operator	
Main Success Scenario: (Step by Step)	1. Choose member and provider	
	2a. If choose member	2b. If choose provider
	3a. Enter the name of the member	3b. Enter the name of the provider
	4a. Search the name of the member in the data base	4b. Search the name of the member in the data base
	5a. Edit the information of the member	5b. Edit the information of the provider
Extensions:	4a. The member does not exist 4a.1 Inform operator 4a.2 Return to Step3a	
	4b. The provider does not exist 4b.1 Inform Operator 4b.2 Return to Step3b	

	5a. Wrong format of member 5a.1 Inform operator
	5b. Wrong format of provider 5b.1 Inform operator