

Updated Use Case Descriptions

Use Case: Request Report

Context: The manager is requesting a copy of a report.

Actors: ChocAn Manager, ChocAn System, Manager Terminal

Main Success Scenario:

1. The manager enters the manager terminal.
2. The system prompts for user verification.
3. The manager enters their credentials.
4. The system validates the authentication.
5. The system displays the main menu.
6. The manager selects "Request Report."
7. The system fetches a list of updated reports.
8. The system displays the list of report titles on the screen.
9. The ChocAn manager selects the desired report.
10. The software fetches the selected report and displays it on the screen.
11. When the ChocAn Manager is finished with the report, they select "Return."
12. The system returns to the list of reports.
13. The manager selects "Exit."
14. The system returns to the main menu.

Exceptions:

- 4a. The user is not validated.
 - 4a.1. The system informs the user.
 - 4a.2. The use case continues at step 2.
- 13a. The manager desires to select another report.
 - 13a.1. The use case continues at step 9.

Use Case: Request Provider Directory

Context: The provider is requesting a copy of the Provider Directory.

Actors: ChocAn Provider, ChocAn System, Provider Terminal

Main Success Scenario:

1. The provider enters the provider terminal.
2. The system prompts for user verification.
3. The provider enters their credentials.
4. The system validates the authentication.
5. The system displays the main menu.
6. The provider selects "Request Directory."
7. The software prompts the provider to enter their email address.
8. The provider enters their email address into the terminal and presses "Enter."
9. The software fetches the attachment containing an alphabetically ordered list of service names and corresponding service codes and fees.
10. The software puts the attachment in an email composed to the email address that the provider previously entered and sends the email to the provider.
11. The screen prompts the user to confirm whether or not they received the email.
12. The provider selects "Confirm."
13. The system returns to the main menu.

Exceptions:

- 4a. The user is not validated.
 - 4a.1. The system informs the user.
 - 4a.2. The use case continues at step 2.
- 12a. The provider selects "I did not receive the email."
 - 12a.1. The use case continues at step 7.

Use Case: Bill ChocAn

Context: The provider wishes to send a bill to ChocAn.

Actors: ChocAn Provider, ChocAn System, Provider Terminal

Main Success Scenario:

1. The provider enters the provider terminal.
2. The system prompts for user verification.
3. The provider enters their credentials.
4. The system validates the authentication.
5. The system displays the main menu.
6. The provider selects "Bill ChocAn."
7. The system prompts the provider to enter the date the service was provided in the format MM-DD-YYYY.
8. The provider enters the date the service was provided in the format MM-DD-YYYY.
9. The system prompts the provider to enter the six digit service code corresponding to the service provided.
10. The provider enters the six digit service code corresponding to the service provided.
11. The system fetches the fee for the entered service and displays it on the terminal.
12. The provider confirms the amount.
13. The system stores the entered data and fee and sends a copy to ChocAn.
14. The system returns to the main menu.

Exceptions:

- 4a. The user is not validated.
 - 4a.1. The system informs the user.
 - 4a.2. The use case continues at step 2.

Use Case: Backup Data

Context: The Operator wants to back up the data.

Actors: ChocAn Operator, ChocAn System, Operator Terminal

Main Success Scenario:

1. The operator enters the operator terminal.
2. The system prompts for user verification.
3. The operator enters their credentials.
4. The system validates the authentication.
5. The system displays the main menu.
6. The operator selects "Backup Data."
7. The system copies the data to the backup location.
8. The system displays confirmation of the backup.
9. The operator selects "Exit."
10. The system returns to the main menu.

Exceptions:

- 4a. The user is not validated.
 - 4a.1. The system informs the user.
 - 4a.2. The use case continues at step 2.

Use Case: Manage Records - Add Member

Context: The operator wants to add a member to the records.

Actors: ChocAn Operator, ChocAn System, Operator Terminal

Main Success Scenario:

1. The operator enters the operator terminal.
2. The system prompts for user verification.
3. The operator enters their credentials.
4. The system validates the authentication.
5. The system displays the main menu.
6. The operator chooses the "Add Member" option.
7. The system prompts the provider to enter the new member's name, number, and address.
8. The operator inputs the new member's name (25 characters), number (9 digits), and street address (25 characters).
9. The system adds the member to the record.
10. The system displays the confirmation on the terminal.
11. The system returns to the main menu.

Exception:

- 4a. The user is not verified.
 - 4a.1. The use case continues at step 2.

Use Case: Manage Records - Delete Member

Context: The operator wants to delete a member from the records.

Actors: ChocAn Operator, ChocAn System, Operator Terminal

Main Success Scenario:

1. The operator enters the operator terminal.
2. The system prompts for user verification.
3. The operator enters their credentials.
4. The system validates the authentication.
5. The system displays the main menu.
6. The operator chooses the "Delete Member" option.
7. The system fetches an updated list of members and displays it on the terminal.
8. The operator selects the member that they need to delete.
9. The system removes the member from the record.
10. The system displays the confirmation on the terminal.
11. The system returns to the main menu.

Exception:

- 4a. The user is not verified.
 - 4a.1. The use case continues at step 2.

Use Case: Manage Records - Add Provider

Context: The operator wants to add a provider to the records.

Actors: ChocAn Operator, ChocAn System, Operator Terminal

Main Success Scenario:

12. The operator enters the operator terminal.
13. The system prompts for user verification.
14. The operator enters their credentials.
15. The system validates the authentication.
16. The system displays the main menu.
17. The operator chooses the "Add Provider" option.
18. The system prompts the provider to enter the new provider's name, number, and address.
19. The operator inputs the new provider's name (25 characters), number (9 digits), and street address (25 characters).
20. The system adds the provider to the record.
21. The system displays the confirmation on the terminal.
22. The system returns to the main menu.

Exception:

- 4a. The user is not verified.
 - 4a.1. The use case continues at step 2.

Use Case: Manage Records - Delete Member

Context: The operator wants to delete a member from the records.

Actors: ChocAn Operator, ChocAn System, Operator Terminal

Main Success Scenario:

23. The operator enters the operator terminal.
24. The system prompts for user verification.
25. The operator enters their credentials.
26. The system validates the authentication.
27. The system displays the main menu.
28. The operator chooses the "Delete Provider" option.
29. The system fetches an updated list of providers and displays it on the terminal.
30. The operator selects the provider that they need to delete.
31. The system removes the provider from the record.
32. The system displays the confirmation on the terminal.
33. The system returns to the main menu.

Exception:

- 4a. The user is not verified.
 - 4a.1. The use case continues at step 2.

Use Case: Generate Reports

Context: The timer sends out weekly reports.

Actors: ChocAn Timer, ChocAn System

Main Success Scenario:

1. The time is Friday at midnight.
2. The system retrieves information from both member and provider reports and compiles it separately.
 - a. For member reports, the system retrieves the member's name, number, and address, as well as the date of service, provider, and service name of each of the services the member received that week.
 - b. For provider reports, the system retrieves the provider's name, number, and address. The system also organizes data by service, including date of service, date and time that data were received by the system, member name, member number, service code, and fee to be paid for each service listed. The system also includes the total number of consultations with members and the total fee for the week.
3. The system sends out this information to their respective member or provider as an email attachment.
4. The system writes a record consisting of electronic funds transfer (EFT) data and writes it to a disk so banking computers can ensure providers are adequately compensated.
5. The system generates a report for the accounts payable manager, including the information of every provider to be paid that week, the number of consultants each had, and their total fee for the week.
6. The system compiles the total number of providers who provided services, the total number of consultations and the overall fee total for the week and prints them.
7. The system returns to its original state.

Exceptions:

- 2a. The ChocAn system is down and cannot generate reports.
 - 2a.1. The use case continues at step 7.