Use Case Descriptions

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| **Use Case:** Validate Member |
| **Context:** A provider wants to confirm that a member is valid to receive services |
| **Actors:** Provider, Member |
| **Main Success Scenario:**   1. Members hands provider card 2. Provider swipes card at ChocAn provider terminal 3. Data Center verifies member number 4. Provider terminal outputs “Validated” if member number is valid |
| **Extensions:**  4a. If number is not valid, the reason is displayed  4a.1. If number does not belong to a member, “Invalid number” appears  4a.2. If fees are owed, “Member suspended” appears, meaning member status has been  set to suspended |

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| **Use Case:** Bill ChocAn |
| **Context:** ChocAn is billed after a health care service has been provided to a member |
| **Actors:** Provider |
| **Main Success Scenario:**   1. Call use case *Validate Member* 2. When the word “Validated” appears, the provider keys in the date the service was provided in the format MM-DD-YYYY 3. Provider uses the Provider Directory to look up the six-digit service code corresponding to the service provided   3.1. Provider keys in the service code   1. Software displays the name of the service corresponding to code   4.1. Software asks provider to verify that this is the service was provided  4.2. Provider can enter comments about the service provided   1. Data Processing System writes a record to disk including:    1. Current date and time (MM-DD-YYYY HH:MM:SS)    2. Date service was provided (MM-DD-YYYY)    3. Provider number (9 digits)    4. Member number (9 digits)    5. Service code (6 digits)    6. Comments (100 characters) (optional) 2. Software product looks up the fee to be paid   6.1. Displays it on provider’s terminal  6.2. Provider enters information  At the end of the week, the provider totals the fees to verify the amount to be paid by ChocAn for that week |
| **Extensions:**  4.1a. Provider has entered a nonexistent code, and Error message is printed |

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| **Use Case:** Request Provider Directory |
| **Context:** Provider requests a Provider Directory |
| **Actors:** Provider |
| **Main Success Scenario:**   1. Provider selects “Email Provider Directory” in their terminal 2. ChocAn Data Processing Center creates Provider Directory to be sent to provider |
| **Extensions:**  None |

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| **Use Case:** Generate Reports |
| **Context:** It is the end of the week or a manager has requested reports |
| **Actors:** Data Center, Manager |
| **Main Success Scenario:**   1. Every Friday at midnight, the main accounting procedure is run at the ChocAn Data Center 2. Calls Generate Member Reports and Generate Provider Reports 3. The procedure reads the week’s file of services provided 4. Prints a number of reports 5. Sends completed reports as email attachment |
| **Extensions:**  1a. Manager can also request reports to generate at any time, and the process will continue at step 2 |

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| **Use Case:** Generate Member Reports **includes** Generate Reports |
| **Context:** Member reports are requested |
| **Actors:** Data Center, Manager |
| **Main Success Scenario:**   1. Data Center or Manager requests Member Reports 2. Data Center extracts the following for each member:    1. Name (25 characters)    2. Number (9 digits)    3. Address (25 characters)    4. City (14 characters)    5. State (2 letters)    6. ZIP Code (5 digits)    7. For each service provided:       1. Date (MM-DD-YYYY)       2. Provider Name (25 characters)       3. Service Provided (20 characters) 3. Prints requested reports |
| **Extensions:**  None |

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| **Use Case:** Generate Provider Reports **includes** Generate Reports |
| **Context:** Provider Reports are requested |
| **Actors:** Data Center, Manager |
| **Main Success Scenario:**   1. Data Center or Manager requests Provider Reports 2. Data Center extracts the provider’s:    1. Name (25 characters)    2. Number (9 digits)    3. Address (25 characters)    4. City (14 characters)    5. State (2 letters)    6. ZIP Code (5 digits)    7. For each service provided:       1. Date of service (MM-DD-YYYY)       2. Date and time data were received (MM-DD-YYYY HH:MM:SS)       3. Member name (25 characters)       4. Member number (9 digits)       5. Service Code (6 digits)       6. Fee to be paid (up to $99,999.99)    8. Total number of consultations with members (3 digits)    9. Total fee for week (up to $99,999.99) 3. Prints requested reports |
| **Extensions:**  None |

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| **Use Case:** Generate Summary Report **includes** Generate Reports |
| **Context:** Summary Report is requested |
| **Actors:** Data Center, Manager |
| **Main Success Scenario:**   1. Data Center or Manager requests Summary Report 2. Data Center lists:    1. Number of consultations provided in the last week    2. Total fees for the week 3. Total number of consultations and fees are calculated 4. Prints requested reports |
| **Extensions:**  None |

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| **Use Case:** Add Member |
| **Context:** There is a new member in the ChocAn system that needs to be added |
| **Actors:** Operator |
| **Main Success Scenario:**   1. Operator selects Add Member in the ChocAn software 2. Software prompts operator to enter following information about member:    1. Name (25 characters)    2. Number (9 digits)    3. Street Address (25 characters)    4. City (14 characters)    5. State (2 letters)    6. ZIP Code (5 digits) |
| **Extensions:**  None |

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| **Use Case:** Add Provider |
| **Context:** There is a new provider in the ChocAn system that needs to be added |
| **Actors:** Operator |
| **Main Success Scenario:**   1. Operator selects Add Provider in the ChocAn software 2. Software prompts operator to enter the following information about provider:    1. Name (25 characters)    2. Number (9 digits)    3. Street Address (25 characters)    4. City (14 characters)    5. State (2 letters)    6. ZIP Code (5 digits) |
| **Extensions:**  None |

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| **Use Case:** Delete Member |
| **Context:** There is a member that wants to be removed from ChocAn system and services |
| **Actors:** Operator |
| **Main Success Scenario:**   1. Operator selects Delete Member in the ChocAn software 2. Software prompts operator for member number of the member to be deleted 3. Software displays member name and asks for confirmation 4. Member is deleted |
| **Extensions:**  3a. Member does not match the name that operator wants to delete  3a.1. Operator selects cancel  3a.2. Software returns to step 2 |

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| **Use Case:** Delete Provider |
| **Context:** There is a provider that wants to be removed from ChocAn system and services |
| **Actors:** Operator |
| **Main Success Scenario:**   1. Operator selects Delete Provider in the ChocAn software 2. Software prompts operator for provider number of the provider to be deleted 3. Software displays provider name and asks for confirmation 4. Provider is deleted |
| **Extensions:**  3a. Provider does not match the name that operator wants to delete  3a.1. Operator selects cancel  3a.2. Software returns to step 2 |

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| **Use Case:** Update Member |
| **Context:** A member’s information has changed, and needs to be updated |
| **Actors:** Operator |
| **Main Success Scenario:**   1. Operator selects Update Member 2. Software prompts operator for member number of the member to be updated 3. Software displays member name and asks for confirmation 4. Software prompts for which field to update, which includes all fields other than member name and number |
| **Extensions:**  3a. Member does not match the name that operator wants to update  3a.1. Operator selects cancel  3a.2. Software returns to step 2 |

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| **Use Case:** Update Provider |
| **Context:** A provider’s information has changed, and needs to be updated |
| **Actors:** Operator |
| **Main Success Scenario:**   1. Operator selects Update Provider 2. Software prompts operator for provider number of the provider to be updated 3. Software displays provider name and asks for confirmation 4. Software prompts for which field to update, which includes all fields other than provider name and number |
| **Extensions:**  3a. Provider does not match the name that operator wants to update  3a.1. Operator selects cancel  3a.2. Software returns to step 2 |

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| **Use Case:** Create EFT Report |
| **Context:** A new EFT Report needs to be created |
| **Actors:** Manager |
| **Main Success Scenario:**   1. ChocAn Data Processing Center prompts manager for provider name to be entered into new EFT 2. Prompts for provider number 3. Prompts for the amount to be transferred 4. System takes all of the inputted information and creates a new EFT file awaiting transfer that contains:    1. Provider Name    2. Provider Number    3. Amount to be transferred |
| **Extensions:**  None |