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| **Use Case Name:** Search customer | **ID:** UC-1 | **Priority:** High |
| **Actor:** Store Owner | | |
| **Trigger:** Store Owner wants to find customer with email in the FPTBook system  **Type:** External | | |
| **Pre-conditions:**   1. The store owner must sign in first | | |
| **Normal Course:**   1. The store owner screen will be displayed 2. Store Owner input email into search box and press search button | | |
| **Alternative Flow:** | | |
| **Post-conditions:**   1. The customer had that email will be displayed | | |
| **Exceptions:**  **E1:** The Store Owner enter invalid email   1. The warning message “Invalid email, please try again”. Store Owner must input the correct email. | | |

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| **Use Case Name:** Manage book | **ID:** UC-2 | **Priority:** High |
| **Actor:** Store Owner | | |
| **Trigger:** Store Owner wants to manage book in the FPTBook system  **Type:** External | | |
| **Pre-conditions:**   1. Store Owner must sign in first 2. Choose manage book label or icon | | |
| **Normal Course:**   1. The manage book screen will be displayed | | |
| **Alternative Flow:** | | |
| **Post-conditions:**   1. The book screen will display with option add, update, search, or delete a product | | |
| **Exceptions:** | | |

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| **Use Case Name:** Add book | **ID:** UC-3 | **Priority:** High |
| **Actor:** Store Owner | | |
| **Trigger:** Store Owner wants to add book in the FPTBook system  **Type:** External | | |
| **Pre-conditions:**   1. Store Owner must sign in first 2. Choose manage book label or icon | | |
| **Normal Course:**   1. The manage book screen will be displayed 2. press add book icon or label | | |
| **Alternative Flow:** | | |
| **Post-conditions:**   1. The book screen will display adding book section to input data and each book mush have a specific category | | |
| **Exceptions:**  E1: The store owner did not input data in and press adding button   1. The warning message “Please input all data before adding”. Store Owner must input all data of the book. | | |

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| **Use Case Name:** Update Order | **ID:** UC-4 | **Priority:** High |
| **Actor:** Customer | | |
| **Trigger:** Customer wants to update order in the FPTBook system  **Type:** External | | |
| **Pre-conditions:**   1. Customer must sign in first 2. Choose manage order label or icon | | |
| **Normal Course:**   1. The manage order screen will be displayed 2. Choose the order which it needs to be updated 3. Press update order icon or label | | |
| **Alternative Flow:** | | |
| **Post-conditions:**   1. The order screen will display update order section to input new data | | |
| **Exceptions:**  E1: The store owner let some empty box and press update button   1. The warning message “Please input all data before update”. Customer must input all data of the order. | | |

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| **Use Case Name:** Delete book | **ID:** UC-5 | **Priority:** High |
| **Actor:** Store Owner | | |
| **Trigger:** Store Owner wants to detele book in the FPTBook system  **Type:** External | | |
| **Pre-conditions:**   1. Store Owner must sign in first 2. Choose manage book label or icon | | |
| **Normal Course:**   1. The manage book screen will be displayed 2. Choose the book which it needs to be delete 3. Press deletes book icon or label | | |
| **Alternative Flow:** | | |
| **Post-conditions:**   1. The book screen will delete the book that had been chosen | | |
| **Exceptions:** | | |

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| **Use Case Name:** Make request category | **ID:** UC-6 | **Priority:** High |
| **Actor:** Store Owner | | |
| **Trigger:** Store Owner wants to make request category in the FPTBook system  **Type:** External | | |
| **Pre-conditions:**   1. Store Owner must sign in first 2. Choose manage book label or icon | | |
| **Normal Course:**   1. The manage book screen will be displayed 2. Choose the make request category label or icon | | |
| **Alternative Flow:** | | |
| **Post-conditions:**   1. The book screen will display request category section to input | | |
| **Exceptions:**  E1: The store owner let some empty box and press request button   1. The warning message “Please input all data before update”. Store Owner must input all data of the book. | | |

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| **Use Case Name:** Sign in | **ID:** UC-7 | **Priority:** High |
| **Actor:** Store Owner | | |
| **Trigger:** Store Owner wants to sign in the FPTBook system  **Type:** External | | |
| **Pre-conditions:**   1. The Store owner must have username and password | | |
| **Normal Course:**   1. The Store Owner input valid username and password | | |
| **Alternative Flow:** | | |
| **Post-conditions:**   1. the manage book screen will be displayed | | |
| **Exceptions:**  E1: The store owner input wrong username or password   1. The warning message “Username or password is it incorrect, please try again”. Store Owner must input the valid username and password | | |

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| **Use Case Name:** Sign out | **ID:** UC-8 | **Priority:** High |
| **Actor:** Store Owner | | |
| **Trigger:** Store Owner wants to sign out the FPTBook system  **Type:** External | | |
| **Pre-conditions:**   1. The Store Owner must sign in | | |
| **Normal Course:**   1. The Store Owner press sign out label or icon | | |
| **Alternative Flow:** | | |
| **Post-conditions:**   1. The screen will return to login screen | | |
| **Exceptions:** | | |

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| **Use Case Name:** Manage customer order | **ID:** UC-9 | **Priority:** High |
| **Actor:** Store Owner | | |
| **Trigger:** Store Owner wants to manage customer order in the FPTBook system  **Type:** External | | |
| **Pre-conditions:**   1. Store Owner must sign in first 2. Choose manage customer order label or icon | | |
| **Normal Course:**   1. The manage customer order screen will be displayed | | |
| **Alternative Flow:** | | |
| **Post-conditions:**   1. The manage customer order screen will display with option view, update, and delete customer | | |
| **Exceptions:** | | |

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| **Use Case Name:** View customer order | **ID:** UC-10 | **Priority:** High |
| **Actor:** Store Owner | | |
| **Trigger:** Store Owner wants to View customer order in the FPTBook system  **Type:** External | | |
| **Pre-conditions:**   1. Store Owner must sign in first 2. Choose manage customer order label or icon | | |
| **Normal Course:**   1. Choose the customer order that need to check detail | | |
| **Alternative Flow:** | | |
| **Post-conditions:**   1. The customer order will display with detail information | | |
| **Exceptions:** | | |

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| **Use Case Name:** Update status customer order | **ID:** UC-11 | **Priority:** High |
| **Actor:** Store Owner | | |
| **Trigger:** Store Owner wants to update status customer order in the FPTBook system  **Type:** External | | |
| **Pre-conditions:**   1. Store Owner must sign in first 2. Choose manage customer order label or icon | | |
| **Normal Course:**   1. Choose the customer order that need to update 2. Press update label or icon | | |
| **Alternative Flow:** | | |
| **Post-conditions:**   1. The customer order will display the update section to update status for the order | | |
| **Exceptions:**  E1: The store owner update invalid status or leaving empty box   1. The warning message “Please input valid status, please try again”. Store owner must input valid status. | | |

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| **Use Case Name:** delete customer order | **ID:** UC-12 | **Priority:** High |
| **Actor:** Store Owner | | |
| **Trigger:** Store Owner wants to detele customer order in the FPTBook system  **Type:** External | | |
| **Pre-conditions:**   1. Store Owner must sign in first 2. Choose manage customer order label or icon | | |
| **Normal Course:**   1. Choose the customer order that need to detele 2. Press delete label or icon | | |
| **Alternative Flow:** | | |
| **Post-conditions:**   1. The customer order had been chosen will be delete | | |
| **Exceptions:** | | |

