|  |  |  |  |
| --- | --- | --- | --- |
| Name | | Reserve compartment for sending parcel | |
| Actors | | Sender | |
| Summary | | The sender wants to send parcel through smart delivery, so, he wants to reserve a compartment in delivery box to start delivery process. | |
| Pre-condition(s) | | User already logged in through SP’s side | |
| Post-condition(s) | | A compartment will be reserved temporarily for 5 hours | |
| Special Requirements | | None | |
| Basic Flow | | | |
| S# | Actor Action | | System Response |
| 1 | Sender clicks on smart delivery from SP’s menu | | 1. Menu of Smart Delivery will be displayed |
| 2 | Sender selects send parcel from menu | | 1. System displays delivery information form |
| 3 | Sender inputs all the required data | | 1. List of available delivery boxes will be displayed if box (es) is available |
| 4 | Sender selects his preferred delivery box | | 1. Notifies sender about successful reservation after reserving available compartment |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
| Alternative Flow | | | |
| S# | Actor Action | | System Response |
|  |  | | 1. Notifies about no available boxes if no one is available |

|  |  |  |  |
| --- | --- | --- | --- |
| Name | | Select compartment for receiving parcel | |
| Actors | | Receiver | |
| Summary | | Receiver got a notification to select his preferred delivery box for delivery | |
| Pre-condition(s) | | Parcel has been reached to SP, and user already logged in through SP’s side | |
| Post-condition(s) | | A compartment will be reserved for delivery | |
| Special Requirements | | Receivers need to select delivery box within 2 days of notification | |
| Basic Flow | | | |
| S# | Actor Action | | System Response |
| 1 | Receiver clicks on smart delivery from SP’s menu | | 2. Menu of Smart Delivery will be displayed |
| 2 | Receiver clicks on select delivery box from menu | | 3. System displays list of available delivery box (es) according to address given by sender |
| 3 | Receiver selects his preferred delivery box | | 4. System reserves preferred delivery box for delivery |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
| Alternate Course of Action | | | |
| S# | Actor Action | | System Response |
|  |  | | 5. System will increase 6 hours in time for selecting delivery box if no delivery box available at time of selection and notifies receiver |

|  |  |  |  |
| --- | --- | --- | --- |
| Name | | Track parcel delivery | |
| Actors | | Sender and Receiver | |
| Summary | | Sender and receiver will be able to track their parcel delivery process of under-process delivery | |
| Pre-condition(s) | | Sender and receiver already logged in from SP side, their delivery is under process | |
| Post-condition(s) | | Delivery tracking details will be displayed | |
| Special Requirements | | None | |
| Typical Course of Action | | | |
| S# | Actor Action | | System Response |
| 1 | Sender and receiver (Customer) clicks on smart delivery from SP’s menu | | 2. Menu of Smart Delivery will be displayed |
| 2 | Customer selects track delivery from menu | | 3. Displays list of delivery under process |
| 3 | Customer selects delivery process he wants to track | | 4. Tracking details will be displayed |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
| Alternate Course of Action | | | |
| S# | Actor Action | | System Response |
|  |  | |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Name | | Cancel compartment reservation by sender | |
| Actors | | Sender | |
| Summary | | Sender wants to cancel his reservation of compartment | |
| Pre-condition(s) | | Sender already logged in from SP side, sender has successfully reserved compartment | |
| Post-condition(s) | | Reserved compartment will be unreserved | |
| Special Requirements | | Sender needs to cancel reservation within 5 hours of reservation | |
| Typical Course of Action | | | |
| S# | Actor Action | | System Response |
| 1 | Sender clicks on smart delivery from SP’s menu | | 2. Menu of Smart Delivery will be displayed |
| 2 | Sender selects cancel order from menu | | 3. System displays list of reserved delivery boxes |
| 3 | Sender selects list item (delivery box) for which he wants to cancel reservation | | 4. System will notify about cancelation after successful cancelation of reservation to sender |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
| Alternate Course of Action | | | |
| S# | Actor Action | | System Response |
|  |  | |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Name | | Edit compartment reservation by receiver | |
| Actors | | Receiver | |
| Summary | | Receiver wants to change the location of delivery box | |
| Pre-condition(s) | | Receiver already logged in from SP side, receiver has already reserved delivery box for delivery | |
| Post-condition(s) | | Receiver’s selected delivery box will be changed | |
| Special Requirements | | Receiver needs to update his preference within 1 hour of reserving delivery box | |
| Typical Course of Action | | | |
| S# | Actor Action | | System Response |
| 1 | Receiver clicks on smart delivery from SP’s menu | | 2. Menu of Smart Delivery will be displayed |
| 2 | Receiver selects “edit delivery box location” from menu | | 3. System displays list of reserved delivery box |
| 3 | Receiver selects list item (delivery box) for which he wants to edit reservation | | 4. System will display list of available delivery box (es) according to delivery address given by sender |
| 4 | Receiver selects his preferred delivery box from list | | 6. System notifies receiver about successful updation of delivery box preference |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
| Alternate Course of Action | | | |
| S# | Actor Action | | System Response |
| 5 | Receiver press cancel button | | 6A. System notifies about previously selected delivery box |

|  |  |  |  |
| --- | --- | --- | --- |
| Name | | Receive parcel by rider | |
| Actors | | Rider | |
| Summary | | Rider wants to pick up the parcel placed by the sender | |
| Pre-condition(s) | | Rider has OTP to open delivery box’s compartment | |
| Post-condition(s) | | The state of parcel will be changed to **receivedBySP** and compartment status will be changed to **empty** | |
| Special Requirements | | Receiver needs to pick up the parcel within 2 days after delivery of parcel | |
| Typical Course of Action | | | |
| S# | Actor Action | | System Response |
| 1 | Rider clicks on smart delivery from SP’s menu | | 2. Menu of Smart Delivery will be displayed |
| 2 | Rider selects pick up item | | 3. System will ask to input OTP |
| 3 | Rider inputs OTP | | 5. System will open the respective compartment |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
| Alternate Course of Action | | | |
| S# | Actor Action | | System Response |
| 4 | User inputs wrong OTP | | 5A. System will ask to enter OTP again |

|  |  |  |  |
| --- | --- | --- | --- |
| Name | | Receive parcel by receiver | |
| Actors | | Receiver | |
| Summary | | Receiver wants to pick his parcel at the end of delivery | |
| Pre-condition(s) | | Receiver has OTP to open delivery box’s compartment | |
| Post-condition(s) | | Parcel state will be changed to **delivered** and compartment state will be changed to **empty** | |
| Special Requirements | | Receiver needs to pick up the parcel within 2 days after delivery of parcel | |
| Typical Course of Action | | | |
| S# | Actor Action | | System Response |
| 1 | Receiver clicks on smart delivery from SP’s menu | | 2. Menu of Smart Delivery will be displayed |
| 2 | Receiver selects pick up item | | 3. System will ask to input OTP |
| 3 | Receiver inputs OTP | | 5. System will open the respective compartment |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
| Alternate Course of Action | | | |
| S# | Actor Action | | System Response |
| 4 | User inputs wrong OTP | | 5A. System will ask to enter OTP again |

|  |  |  |  |
| --- | --- | --- | --- |
| Name | | Place of Parcel by sender | |
| Actors | | Sender | |
| Summary | | Sender wants to place his parcel at the start of delivery process or rider wants to place the parcel sent by the sender | |
| Pre-condition(s) | | Sender has OTP to open delivery box’s compartment | |
| Post-condition(s) | | Parcel status will be changed to **placedBySender** and compartment status will be changed to **acquired** | |
| Special Requirements | | Sender needs to place parcel within 5 hours of reservation | |
| Typical Course of Action | | | |
| S# | Actor Action | | System Response |
| 1 | User clicks on smart delivery from SP’s menu | | 2. Menu of Smart Delivery will be displayed |
| 2 | User selects place item | | 3. System will ask to input OTP |
| 3 | User inputs OTP | | 5. System will open the respective compartment |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
| Alternate Course of Action | | | |
| S# | Actor Action | | System Response |
| 4 | User inputs wrong OTP | | 5A. System will ask to enter OTP again |

|  |  |  |  |
| --- | --- | --- | --- |
| Name | | Place of Parcel by rider | |
| Actors | | Rider | |
| Summary | | Rider wants to place the parcel sent by the sender | |
| Pre-condition(s) | | Rider has OTP to open delivery box’s compartment | |
| Post-condition(s) | | Parcel status will be changed to **placedByRider** and compartment status will be changed to **acquired** | |
| Special Requirements | | Sender needs to place parcel within 5 hours of reservation | |
| Typical Course of Action | | | |
| S# | Actor Action | | System Response |
| 1 | User clicks on smart delivery from SP’s menu | | 2. Menu of Smart Delivery will be displayed |
| 2 | User selects place item | | 3. System will ask to input OTP |
| 3 | User inputs OTP | | 5. System will open the respective compartment |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
| Alternate Course of Action | | | |
| S# | Actor Action | | System Response |
| 4 | User inputs wrong OTP | | 5A. System will ask to enter OTP again |

|  |  |  |  |
| --- | --- | --- | --- |
| Name | | Reschedule delivery | |
| Actors | | Receiver | |
| Summary | | Receiver did not pick his parcel from delivery box and wants to reschedule timing | |
| Pre-condition(s) | | Receiver did not pick his parcel in allowed timing of 2 days, receiver already logged in from SP side | |
| Post-condition(s) | | Receiver will get 1 extra day to pick his parcel | |
| Special Requirements | | None | |
| Typical Course of Action | | | |
| S# | Actor Action | | System Response |
| 1 | Receiver clicks on smart delivery from SP’s menu | | 2. Menu of Smart Delivery will be displayed |
| 2 | Receiver selects reschedule delivery | | 3. Notifies receiver about extra 1 day to receive his parcel after successfully updating time limit |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
| Alternate Course of Action | | | |
| S# | Actor Action | | System Response |
|  |  | |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Name | | Add new delivery box | |
| Actors | | Admin | |
| Summary | | Admin wants to add new delivery box at required location | |
| Pre-condition(s) | | Admin logged in from SP side | |
| Post-condition(s) | | Details of delivery box will be added to list of delivery boxes | |
| Special Requirements | | None | |
| Typical Course of Action | | | |
| S# | Actor Action | | System Response |
| 1 | Admin clicks on smart delivery from SP’s menu | | 2. Menu of Smart Delivery will be displayed |
| 2 | Admin selects add new delivery box | | 3. Detail form will be displayed |
| 3 | Admin enters all required fields and presses add button | | 5. Notify user about successful addition of delivery box |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
| Alternate Course of Action | | | |
| S# | Actor Action | | System Response |
| 4 | Admin presses cancel button | | 5A. Smart delivery menu will be displayed |

|  |  |  |  |
| --- | --- | --- | --- |
| Name | | Edit details of existing delivery box | |
| Actors | | Admin | |
| Summary | | Admin wants to edit details of existing delivery box | |
| Pre-condition(s) | | Admin logged in from SP side and delivery box already added in list | |
| Post-condition(s) | | Details of delivery box will be added to list of delivery boxes | |
| Special Requirements | | None | |
| Typical Course of Action | | | |
| S# | Actor Action | | System Response |
| 1 | Admin clicks on smart delivery from SP’s menu | | 2. Menu of Smart Delivery will be displayed |
| 2 | Admin selects edit delivery box | | 3. Detail form will be displayed |
| 3 | Admin enters all required fields and presses edit button | | 5. Notify user about successful edition of delivery box |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
| Alternate Course of Action | | | |
| S# | Actor Action | | System Response |
| 4 | Admin presses cancel button | | 5A. Smart delivery menu will be displayed |

|  |  |  |  |
| --- | --- | --- | --- |
| Name | | Remove existing delivery box | |
| Actors | | Admin | |
| Summary | | Admin wants to remove existing delivery box | |
| Pre-condition(s) | | Admin logged in from SP side and delivery box already added in list | |
| Post-condition(s) | | Details of delivery box will be removed from list of existing delivery boxes | |
| Special Requirements | | None | |
| Typical Course of Action | | | |
| S# | Actor Action | | System Response |
| 1 | Admin clicks on smart delivery from SP’s menu | | 2. Menu of Smart Delivery will be displayed |
| 2 | Admin selects remove delivery box | | 3. List of existing delivery boxes will be displayed |
| 3 | Admin selects required delivery box to remove | | 5. Notify user about successful deletion of delivery box’s details |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
| Alternate Course of Action | | | |
| S# | Actor Action | | System Response |
|  |  | |  |