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| Name | US-01 Admin register |
| Actor | Admin User |
| Description | A new account has been created by system admin user and distribute to a delivery personnel |
| Basic Flow | Admin user create a new account with user name and password |

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| Name | US-02 User/Admin User login |
| Actor | User/Admin User |
| Description | User/Admin log in with username and password |
| Basic Flow | User/Admin user type in username and password |
| Alternate Flow | Authentication failed, system deny the login attempt and feed back with failure message |
| Alternate Flow 2 | After three consecutive failed login attempt, account will be locked and system admin will be notified to handle the situation. |

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| Name | US-03 Activate the device |
| Actor | Admin User |
| Description | Admin User activate the device, starts the location monitoring process. |
| Basic Flow | Admin User activate the device, pass in coordinates associated with package’s delivering address and an auto-generated identification number. |

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| Name | US-04 User deactivate the device |
| Actor | User |
| Description | User deactivate the device, terminate the monitoring process. |
| Basic Flow | User login on app, fetch identification number from web, pass in for verification, deactivate the device, terminate the monitoring process. |
| Alternate Flow | Login failed, system deny the login attempt, feed user back with failure message. |
| Alternate Flow | Verification of identification number failed, device continue monitoring process, feed user back with failure message. |

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| Name | US-05 Monitoring the location |
| Actor | Device |
| Description | Device keep monitoring the distance from current location to anchor point |
| Basic Flow | After activation, device will set up anchor point with the first coordinate fetch from GPS module, and as long as the monitoring process goes, device will fetch coordinate from GPS module every few seconds(5 by default) calculate the distance form anchor point. |

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| Name | US-06 Trigger alarm |
| Actor | Device |
| Description | Device keep detect the distance has exceeded the perimeter, then trigger the alarm system |
| Basic Flow | When detecting the distance from current location to anchor point has exceed the perimeter(10m by default), device will trigger the alarm system, and upload the trace of package to web. |