

| Test Case | Pass/Fail | Expected Output | Actual Output |
|--|-----------|--|---|
| Date of Test: April 8, 2019 Reason: Initial System Test for SSJ Package Tracker | | | |
| 1 | Pass | System startup, contents of Packages table in database is returned in Python console. | Web front-end starts as expected, taking the user to the main login screen. The contents of the Packages table containing customer package information is returned in the Python console. |
| 2 | Pass | The customer logs in and requests a package delivery. The customer inputs the information associated with a package in the database (customer's first and last name, the intended origin and destination of the package, and the name of the package). This information is inserted into the Packages table in the database, awaiting transportation to the final delivery location. | The customer's package and its associated information is properly inserted into the database. The package itself is automatically given a unique identification number, allowing it to be accessed in the database. |
| 3 | Pass | A staff member logs in and wants to view what is contained in a specific package. The staff member enters in the Package ID for the specific package and the contents are displayed on a new page | Upon the entering of a valid Package ID, the contents of a given package are displayed as expected |
| 4 | Pass | A customer logs in and wants to view check package delivery status. The customer inputs the Package ID and presses submit. Delivery progress is displayed on a new screen. | The Package delivery status is properly displayed in the expected manner |
| 5 | Pass | A staff member logs in and wants to check delivery status of a specific package. The first and last name of the customer is entered with the Package ID and the delivery status is displayed on a new screen. | The delivery progress is properly displayed when the corresponding Package ID is inputted. |

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| 6 | Pass | A staff member logs in and wants to move an empty drone from one depot to another. The staff member enters the Drone ID and the Depot ID of the destination depot. A message confirming the order is displayed on the next screen | Upon information entry and the submit button is pressed, a new screen confirms the specified drone is moving to the specified Depot |
| 7 | Pass | When a Package ID is entered that is not in the in the database, a message is displayed saying that the entered Package ID is not valid | When a Package ID that is known to not be in the database is entered, a error message is displayed stating that the entered Package ID is not valid |