

Requirements

| | |
|-----|--|
| R1 | A user can be registered with matching password and verified password |
| R2 | A user can log in with valid credentials |
| R3 | A recipient can view recipient orders |
| R4 | A recipient can view order progress including transactions against an their own individual order |
| R5 | A driver can view all orders |
| R6 | A driver can add a transaction against an order |
| R7 | A driver can remove a transaction from an order |
| R8 | A seller can create a parcel with a valid value for name, type, weight, and seller |
| R9 | A seller can edit a parcel with a valid value for name, type, weight, and seller |
| R10 | A seller can delete a parcel, which subsequently removes the parcel from any existing order it was on |
| R11 | A seller can create an order with a valid recipient and seller |
| R12 | A seller can edit an order with a valid recipient and seller |
| R13 | A seller can delete an order, which subsequently removes all transactions that existed against that order |
| R14 | A seller can view driver metrics to find total delivery counts and average delivery durations (in days) per driver |
| R15 | A seller can view a list of all registered users |
| R16 | A seller can view details of a specific registered user |
| R17 | An order has zero or more parcels |
| R18 | An order has zero or more transactions |
| R19 | An order has a recipient and seller |
| R20 | An order has zero or one driver |
| R21 | A user has zero or more orders |
| R22 | A user has a role recipient, driver, or seller |
| R23 | An order's driver must be "None" when no "Picked up" transaction exists |
| R24 | When an order is "picked up", the driver adding the transaction becomes the named driver on the order |
| R25 | When a "Picked up" transaction is removed, the named driver reverts to "None" |
| R26 | An order's completed date must be blank when no "Dropped off" transaction exists |
| R27 | When an order is "dropped off", the order completed date is filled out |
| R28 | When a "Dropped off" transaction is removed, the order completed date is cleared |
| R29 | A seller can view all orders |
| R30 | A seller can view all parcels |
| R31 | A seller can view details of a specific parcel |
| R32 | A seller can add a parcel to an order with a specific quantity |
| R33 | A driver can view order progress including transactions against any order |
| R34 | A seller can view order progress including transactions against any order |

Test cases

Normal values

- N1 username = "TestUser", password1 = "pass", password2 = "pass" (R1)
- N2 username = "recipient", password = "123" (R2)
- N3 name = "Book", type = "Large", weight = 50, sellerID = 3 (R8)
- N4 name = "Pen", type = "Small", weight = 100, sellerID = 2 (R9)
- N5 recipientID = 1, sellerID = 3 (R11, R19)
- N6 recipientID = 2, sellerID = 1 (R12, R19)
- N7 orderID = 1, parcelID = 1, quantity=2 (R32)

Invalid values

- I1 username = "TestUser" password1 = "pass", password2 = "wrong" (R1)
- I2 username = "seller", password = "abc" (R2)
- I3 name = "Book", type = "Large", weight = -1, sellerID = 3 (R8)
- I4 name = "Pen", type = "Small", weight = 10, sellerID = -1 (R8)
- I5 name = "Book", type = "Large", weight = -1, sellerID = 3 (R9)
- I6 name = "Pen", type = "Small", weight = 10, sellerID = -1 (R9)
- I7 recipientID = -1, sellerID = 1 (R11, R19)
- I8 recipientID = 1, sellerID = -1 (R11, R19)
- I9 recipientID = -1, sellerID = 1 (R12, R19)
- I10 recipientID = 1, sellerID = -1 (R12, R19)
- I11 orderID = -1, parcelID = 1, quantity = 2 (R32)
- I12 orderID = 1, parcelID = -1, quantity = 2 (R32)
- I13 orderID = 1, parcelID = 1, quantity = -1 (R32)

Boundary values

- B1 There are 0 parcels in an order (R17)
- B2 There are 0 transactions against an order (R18)
- B3 An order has no driver (R20)
- B4 An order has 1 driver (R20)
- B5 A user has 0 orders (R21)
- B6 A user has 1 order (R21)
- B7 A user has no role (R22)
- B8 A user has 1 role (R22)

Special cases

- S1 Recipient (Recipient) views list of (Recipient's) orders (R3)
- S2 Recipient (Recipient) views details of one of (Recipient's) orders (R4)
- S3 Driver (Driver) views list of all orders (R5)
- S4 Driver (Driver) adds transaction "Picked up" to an order (R6)
- S5 Driver (Driver) adds transaction "Dropped off" to an order (R6)
- S6 Driver (Driver) removes transaction "Picked up" from an order (R7)
- S7 Driver (Driver) removes transaction "Dropped off" from an order (R7)
- S8 Seller (Seller) deletes a parcel (R10)
- S9 Seller (Seller) deletes an order (R13)
- S10 Seller (Seller) views driver metrics for driver totals and average delivery days (R14)
- S11 Seller (Seller) views list of all registered users (R15)
- S12 Seller (Seller) views details of a single registered user (R16)
- S13 An orders driver is updated when a "Picked up" transaction changes (R23, R24, R25)
- S14 An orders completed date is updated when a "Dropped off" transaction changes (R26, R27, R28)
- S15 Driver (Driver) views details of an order (R33)
- S16 Seller (Seller) views details of an order (R34)
- S17 Seller (Seller) views list of all orders (R29)
- S18 Seller (Seller) views list of all parcels (R30)
- S19 Seller (Seller) views details of a specific parcel (R31)

Test plan

* Requires manual testing due to dependency injection or unable to unit test this action

| Test | Instruction (Satisfies test cases) | Expected result(s) | Actual result(s) |
|------|--|---|--|
| T1 | Create a user with username "TestUser" and matching passwords "pass". Then log in to the system. (N1, N2) | There is a user called "TestUser" and can be logged in to, taking to Recipient landing page. | RegisterBeanTest .testRegisterValid() PASS (Appendix B) |
| T2 | Create a user with username "TestUser", password1= "pass" and password2= "wrong". (I1) | Registration attempt will fail validation and an error message "Login credentials are not correct" will be displayed. | RegisterBeanTest .testRegisterInvalid() PASS (Appendix B) |
| T3 | Create a parcel with values: name = "Book", type = "Large", weight = -1, sellerID = 3. (I3) | Creation of parcel fails and an error message requesting the value must be an integer of one or more digits will be displayed. | SellerBeanTest .testCreateParcelInvalidWeight() PASS (Appendix D) |
| T4 | Create a parcel with values: name = "Pen", type = "Small", weight = 10, sellerID = -1. (I4) | Creation of parcel fails, and a null pointer exception is experienced. | SellerBeanTest .testCreateParcelInvalidSellerId() PASS (Appendix D) |
| T5 | Edit parcel with ID1 with values: name = "Book", type = "Large", weight = -1, sellerID = 3. (I5) | Update of parcel fails and an error message requesting the value must be an integer of one or more digits will be displayed. | SellerBeanTest .testEditParcelInvalidWeight() PASS (Appendix D) |
| T6 | Edit parcel with ID1 with values: name = "Pen", type = "Small", weight = 10, sellerID = -1. (I6) | Update of parcel fails, and a null pointer exception is experienced. | SellerBeanTest .testEditParcelInvalidSellerId() PASS (Appendix D) |
| T7 | Create parcel with values: name= "Book", type= "Large", weight=50, sellerID=3, then edit the parcel with values: name= "Pen", type= "Small", weight=100, sellerID=2. Create order with values: recipientID=1, sellerID=3. Edit order with values: recipientID=2, sellerID=1. | There is a parcel with values: name= "Pen", type= "Small", weight=100, sellerID=2, there is an order with recipientID=2, sellerID=1 and the parcel is added to the order with quantity 2. | SellerBeanTest .testCreateEditParcel CreateEditOrder AddParcelToOrderValid() PASS (Appendix D) |

| | | | |
|-----|--|---|--|
| | Add parcel with ID{just created} to order ID{just created} with quantity 2. (N3, N4, N5, N6, N7) | | |
| T8 | Create an order with values: recipientID = -1, sellerID = 1. (I7) | Create order fails and a null pointer exception is experienced. | SellerBeanTest .testCreateOrderInvalidRecipientId() PASS (Appendix D) |
| T9 | Create an order with values: recipientID = 1, sellerID = -1. (I8) | Create order fails and a null pointer exception is experienced. | SellerBeanTest .testCreateOrderInvalidSellerId() PASS (Appendix D) |
| T10 | Create a temp order, Edit order with ID{just created} with values: recipientID = -1, sellerID = 1. (I9) | Edit order fails and a null pointer exception is experienced. | SellerBeanTest .testEditOrderInvalidRecipientId() PASS (Appendix D) |
| T11 | Create a temp order, Edit order with ID{just created} with values: recipientID = 1, sellerID = -1. (I10) | Edit order fails and a null pointer exception is experienced. | SellerBeanTest .testEditOrderInvalidSellerId() PASS (Appendix D) |
| T12 | Add parcel with ID1 to order with ID= -1 and quantity 1. (I11) | ParcelID1 is not added to orderID-1, and a null pointer exception is experienced. | SellerBeanTest .testAddParcelInvalidOrderId() PASS (Appendix D) |
| T13 | Add parcel with ID-1 to order with ID1 and quantity 1. (I12) | ParcelID-1 is not added to orderID1, and a null pointer exception is experienced. | SellerBeanTest .testAddParcelInvalidParcelId() PASS (Appendix D) |
| T14 | Add parcel with ID1 to order with ID1 and quantity -1. (I13) | ParcelID1 is not added to orderID1 and an error message is displayed requesting a positive integer value. | SellerBeanTest .testAddParcelInvalidQuantity() FAIL : The parcel is added and shows as a negative quantity (Appendix A). PASS (After modifications) (Appendix D) |
| T15 | Order with ID=2 has no parcels. View details of order with ID=2. (B1) | Order with ID=2 has no parcels listed. | SellerBeanTest .testFindOrderParcels() PASS |

| | | | |
|------|--|---|--|
| | | | (Appendix D) |
| T16 | Order with ID=2 has no transactions. View details of order with ID=2 to check for transactions listed. (B2) | Order with ID=2 has no transactions listed. | SellerBeanTest .testFindOrderTransactions() PASS (Appendix D) |
| T17 | Order with ID=2 has no transactions. View details of order with ID=2 to check its named driver. (B3) | Order with ID=2 has "None" in the driver section. | SellerBeanTest .testFindOrderTransactions NoTransactionNoDriver() PASS (Appendix D) |
| T18 | Order with ID=2 has at least 1 transaction "Picked up". (B4) | Order with ID=2 has a named driver that is not "None". | SellerBeanTest .testFindOrderTransactions SomeTransactions() PASS (Appendix D) |
| T19 | Register user with values: name = "RecipientWithNoOrders", matching passwords = "pass". View recipient orders. (B5) | User named RecipientWithNoOrders has an order total of 0. | RecipientBeanTest .testViewRecipientOrders NoOrders() PASS (Appendix E) |
| T20 | Recipient views recipient orders. (B6) | Recipient has an order total greater than or equal to 1 and the order details are valid values. | RecipientBeanTest .testViewRecipientOrders() PASS (Appendix E) |
| T21* | A guest user (Not logged in) views the login page. (B7) | Guest may view login page without any missing public assets, including stylesheets and images. | Manual test PASS (Appendix G) |
| T22* | A guest user (Not logged in) attempts to navigate to "localhost:8080/ParcelTracker/faces/viewOrder_Recipient.xhtml". (B7) | Filter redirects user back to login page, no secure assets are available to the non-logged in user. | Manual test PASS (Appendix H) |
| T23* | Recipient attempts to navigate to "localhost:8080/ParcelTracker/faces/viewOrder_Recipient.xhtml" while being logged in. (B8) | Expected page viewOrder_Recipient.xhtml loads correctly. | Manual test PASS (Appendix I) |
| T24 | Seller views all users. (S11) | Returns a list of 1 or more users. | SellerBeanTest .testViewAllUsers() PASS (Appendix D) |

| | | | |
|-----|---|--|--|
| T25 | Seller views details of user with ID=1. (S12) | Returns details of Recipient (User with ID=1). | SellerBeanTest .testSetAndGetUserDetails() PASS (Appendix D) |
| T26 | <ul style="list-style-type: none"> - Create a recipient user with username "Jimmy". - Create a seller user with username "Sally". - Create order where "Jimmy" is the recipient and "Sally" is the seller. - Run View recipient orders when using the application as "Jimmy". - View details of the order where Jimmy is the recipient and Sally is the seller. (S1, S2) | Returns a list Jimmy's orders containing at least the one where Sally is the seller. Then returns details of the selected order without errors. | SellerBeanTest .textViewRecipientOrdersSpecial() PASS (Appendix D) |
| T27 | <ul style="list-style-type: none"> - Create a recipient user with username "Jimmy". - Create a seller user with username "Sally". - Create order where "Jimmy" is the recipient and "Sally" is the seller. - Create a driver user with username "Bob". - Add transaction "Picked up" to the order while using the application as "Bob" (Driver). - View this order's details. - Add transaction "Dropped off" to the order while using the application as "Bob" (Driver). - View this order's details. - Remove transaction "Dropped off" from the order while using the application as "Bob" (Driver). - Bob (Driver) Views all orders. - View order progress against the order created. (S3, S4, S5, S6, S7, S13, S14, S15) | <p>First order details represent the order with Bob as the named driver.</p> <p>Second order details represent the order with a completed date filled in.</p> <p>Final order details show "Jimmy" is the recipient, "Sally" is the seller, "Bob" is the driver and shows 1x transaction of "Picked up", and no other transactions.</p> | DriverBeanTest .testAddAndRemoveTransaction() PASS (Appendix F) |
| T28 | <ul style="list-style-type: none"> - Create a seller user with username "Sally". - Create parcel with name = "Old item", type = "Book", weight=500, sellerID = (ID of Sally). - Delete parcel that was just created. (S8) | Parcel does not exist in database and can not be seen within the application. | SellerBeanTest .testDeleteParcel() PASS (Appendix D) |
| T29 | <ul style="list-style-type: none"> - Create a recipient user with username "Jimmy". - Create a seller user with username "Sally". - Create order with recipientId=(ID of "Jimmy"), sellerId=(ID of "Sally"). - Delete order that was just created. (S9) | Order no longer exists in database and can not be seen within the application. | SellerBeanTest .testDeleteOrder() PASS (Appendix D) |
| T30 | - Create a driver user with username "Bob". | Returns list of metrics showing "Bob" with 2 total | SellerBeanTest .testViewDriverMetrics() |

| | | | |
|-----|---|---|--|
| | <ul style="list-style-type: none"> - Create a driver user with username "Dave". - Create a recipient user with username "Jimmy". - Create a seller user with username "Sally". - Create order "Order1" where "Jimmy" is the recipient and "Sally" is the seller. - Create order "Order2" where "Jimmy" is the recipient and "Sally" is the seller. - Create order "Order3" where "Jimmy" is the recipient and "Sally" is the seller. - Add transaction "Picked up" to "Order1" while using the application as "Bob". - Add transaction "Dropped off" to "Order1" while using the application as "Bob". - Add transaction "Picked up" to "Order2" while using the application as "Bob". - Add transaction "Dropped off" to "Order2" while using the application as "Bob". - Add transaction "Picked up" to "Order3" while using the application as "Dave". - Add transaction "Dropped off" to "Order3" while using the application as "Dave". - Run View driver metrics while using the application as "Sally" (Seller). (\$10) | <p>deliveries and average days to complete 0 & "Dave" with 1 total delivery and average days to complete 0.</p> | <p>PASS</p> <p>(Appendix D)</p> |
| T31 | Seller views all orders. (\$17) | Returns a list of 1 or more orders. | <p>SellerBeanTest .testViewAllOrders()</p> <p>PASS</p> <p>(Appendix D)</p> |
| T32 | Seller views details of order with ID=1. (\$16) | Returns details of the order with ID=1. | <p>SellerBeanTest .testFindOrderById()</p> <p>PASS</p> <p>(Appendix D)</p> |
| T33 | Seller views all parcels. (\$18) | Returns a list of 1 or more parcels. | <p>SellerBeanTest .testViewAllParcels()</p> <p>PASS</p> <p>(Appendix D)</p> |
| T34 | Seller views details of parcel with ID=1. (\$19) | Returns details of the parcel with ID = 1. | <p>SellerBeanTest .testFindParcelById()</p> |

| | | | |
|--|--|--|----------------------|
| | | | PASS (Appendix D) |
|--|--|--|----------------------|

Appendices

Appendix A: Adding negative quantity of parcel to order (fail), before refactoring to pass.

| Parcels in order #1 | | | | | |
|-------------------------------------|----------|-----------|----------|----------------|-----------|
| ID | Item | Type | Quantity | Weight ea. (g) | Seller |
| 1 | Item One | Large Box | 2 | 95 | recipient |
| 1 | Item One | Large Box | -1 | 95 | recipient |
| <div>Add parcel to this order</div> | | | | | |

Appendix B: RegisterBean Test results

Notifications

Output

Test Results X

managedbean.RegisterBeanTest X

Tests passed: 100.00 %

All 15 tests passed. (0.175 s)

managedbean.RegisterBeanTest passed running...

testSetAndGetTown passed (0.002 s)

testSetAndGetLastName passed (0.0 s)

testSetAndGetPassword1 passed (0.0 s)

testSetAndGetPassword2 passed (0.001 s)

testGetDate passed (0.0 s)

testSetAndGetEmail passed (0.0 s)

testSetAndGetPhone passed (0.0 s)

testSetAndGetFirstName passed (0.001 s)

testSetAndGetAddressLineOne passed (0.0 s)

testSetAndGetUsername passed (0.0 s)

testRegisterValid passed (0.119 s)

testSetAndGetPostcode passed (0.0 s)

testGetNextId passed (0.002 s)

testRegisterInvalid passed (0.007 s)

testSetAndGetCounty passed (0.0 s)

Town

LastName

Password1

Password2

getDate

Email

Phone

FirstName

AddressLineOne

Username

T1 - register (valid values)

Postcode

getNextId

T2 - register (invalid values)

County

Appendix C: LoginBean Test results

Notifications

Output

Test Results X

managedbean.LoginBeanTest X

Tests passed: 100.00 %

All 6 tests passed. (0.155 s)

managedbean.LoginBeanTest passed

testCheckCredentialsAndFindIfCredentialsAreOKValid passed (0.112 s)

testSetAndGetUsername passed (0.0 s)

testSetAndGetId passed (0.0 s)

testUserPage passed (0.0 s)

testLogout passed (0.0 s)

testSetAndGetPassword passed (0.0 s)

Credentials (valid)

Username

Id

userPage

logout

Password

Appendix D: SellerBean Test results

Notifications

Output

Test Results X

managedbean.SellerBeanTest X

Tests passed: 100.00 %

All 43 tests passed. (0.613 s)

managedbean.SellerBeanTest passed

testEditParcelInvalidWeight passed (0.119 s)

testSetAndGetRecipientId passed (0.0 s)

testCreateOrderInvalidRecipientId passed (0.01 s)

testDeleteOrder passed (0.02 s)

testViewAllUsers passed (0.005 s)

testCreateParcelInvalidSellerId passed (0.005 s)

testFindRoleByUser passed (0.0 s)

testViewRecipientOrdersSpecial passed (0.029 s)

testFindOrderTransactionsSomeTransactions passed (0.016 s)

testFindOrderParcels passed (0.0 s)

testSetAndGetName passed (0.0 s)

testSetAndGetRole passed (0.0 s)

testSetAndGetType passed (0.0 s)

testAddParcelToOrderInvalidParcelId passed (0.0 s)

testEditParcelInvalidSellerId passed (0.015 s)

testSetAndGetQuantity passed (0.0 s)

testAddParcelToOrderInvalidOrderId passed (0.0 s)

testSetAndGetTotalOrders passed (0.0 s)

testGetDate passed (0.0 s)

testFindParcelById passed (0.0 s)

testGetWeightGrams passed (0.0 s)

testDeleteParcel passed (0.01 s)

testSetAndGetTotalParcels passed (0.0 s)

testCreateParcelInvalidWeight passed (0.005 s)

testSetAndGetId passed (0.0 s)

testFindOrderTransactionsNoTransactionNoDriver passed (0.0 s)

testViewUserById passed (0.005 s)

testEditOrderInvalidSellerId passed (0.02 s)

testCreateEditParcelCreateEditOrderAddParcelToOrderValid passed (0.034 s)

testSetAndGetTotalUsers passed (0.0 s)

testViewAllOrders passed (0.006 s)

testSetAndGetParcelDetails passed (0.0 s)

testAddParcelToOrderInvalidQuantity passed (0.0 s)

testGetNextOrderParcelsId passed (0.005 s)

testFindOrderTransactionsNoTransactions passed (0.0 s)

testSetAndGetUserDetails passed (0.0 s)

testSetAndGetTotalTransactions passed (0.0 s)

testFindOrderById passed (0.0 s)

testSetAndGetSellerId passed (0.0 s)

testEditOrderInvalidRecipientId passed (0.02 s)

testViewDriverMetrics passed (0.226 s)

testCreateOrderInvalidSellerId passed (0.01 s)

testViewAllParcels passed (0.003 s)

T5 - testEditParcelInvalidWeight
____ RecipientId
T8 - testCreateOrderInvalidRecipientId
T29 - testDeleteOrder
T24 - testViewAllUsers
T4 - testCreateParcelInvalidSellerId
____ findRoleByUser
T26 - viewRecipientOrdersSpecial
T18 - testFindOrderTransactionsSomeTransactions
T15 - testFindOrderParcels
____ Name
____ Role
____ Type
T13 - testEditOrderInvalidParcelId
T6 - testEditParcelInvalidSellerId
____ Quantity
T12 - testEditOrderInvalidOrderId
____ TotalOrders
____ getDate
T34 - testFindParcelById
____ WeightGrams
T28 - deleteParcel
____ TotalParcels
T3 - testCreateParcelInvalidWeight
____ Id
T17 - testFindOrderTransactionNoDriver
T25 - testViewUserById
T11 - testEditOrderInvalidSellerId
T7 - testCreateEditParcelCreateEditOrderAddParcelToOrder
____ TotalUsers
T31 - testViewAllOrders
____ ParcelDetails
T14 - testEditOrderInvalidQuantity
____ getNextOrderParcelsId
T16 - testFindOrderTransactionsNoTransactions
____ UserDetails
____ TotalTransactions
T32 - findOrderById
____ SellerId
T10 - testEditOrderInvalidRecipientId
T30 - viewDriverMetrics
T9 - testCreateOrderInvalidSellerId
T33 - testViewAllParcels

Appendix E: RecipientBean Test results

Notifications

Output

Test Results X

managedbean.RecipientBeanTest X

Tests passed: 100.00 %

All 16 tests passed. (0.276 s)

managedbean.RecipientBeanTest passed

testSetAndGetRecipientId passed (0.0 s)

testViewOrderTransactions passed (0.145 s)

testViewOrderParcels passed (0.045 s)

testSetAndGetOrderDetails passed (0.0 s)

testFindRoleByUser passed (0.0 s)

testViewRecipientOrdersNoOrders passed (0.01 s)

testSetAndGetRole passed (0.0 s)

testSetAndGetTotalOrders passed (0.0 s)

testGetDate passed (0.0 s)

testViewRecipientOrders passed (0.036 s)

testSetAndGetTotalParcels passed (0.0 s)

testSetAndGetId passed (0.0 s)

testSetAndGetParcelDetails passed (0.0 s)

testSetAndGetUserDetails passed (0.0 s)

testSetAndGetTotalTransactions passed (0.0 s)

testSetAndGetSellerId passed (0.0 s)

____ RecipientId
____ viewOrderTransactions
____ viewOrderParcels
____ OrderDetails
____ findRoleByUser
T19 - viewRecipientOrdersNoOrders
____ Role
____ TotalOrders
____ getDate
T20 - viewRecipientOrders
____ TotalParcels
____ Id
____ ParcelDetails
____ UserDetails
____ TotalTransactions
____ SellerId

Appendix F: DriverBean Test results

Notifications

Output

Test Results X

managedbean.DriverBeanTest X

Tests passed: 100.00 %

All 17 tests passed. (0.242 s)

managedbean.DriverBeanTest passed

testSetAndGetRecipientId passed (0.005 s)

testFindRoleByUser passed (0.105 s)

testSetAndGetRole passed (0.0 s)

testGetDate passed (0.0 s)

testGetOrderSummaries passed (0.005 s)

testAddAndDeleteTransaction passed (0.03 s)

testViewOrderProgress passed (0.02 s)

testFindUser passed (0.0 s)

testSetAndGetTotalParcels passed (0.0 s)

testSetAndGetId passed (0.0 s)

testSetAndGetParcelDetails passed (0.0 s)

testGetNextOrderParcelsId passed (0.005 s)

testGetNextId passed (0.0 s)

testGetNextTransactionId passed (0.0 s)

testSetAndGetTotalTransactions passed (0.005 s)

testSetAndGetSellerId passed (0.0 s)

testGetOrderParcelByOrder passed (0.025 s)

RecipientId

findRoleByUser

Role

getDate

getOrderSummaries

T27 - addAndRemoveTransaction

viewOrderProgress

findUser

TotalParcels

Id

ParcelDetails

getNextOrderParcelsId

getNextId

getNextTransactionId

TotalTransactions


SellerId

getOrderParcelByOrder

Appendix G: Guest views Login

Parcel tracker X +

localhost:8090/ParcelTracker/faces/Login_UI.xhtml



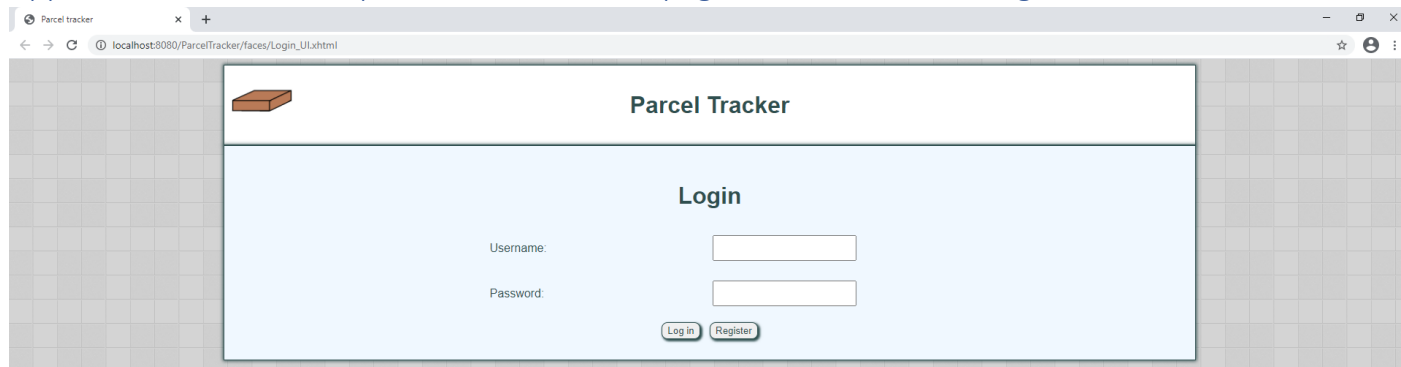
Parcel Tracker

Login

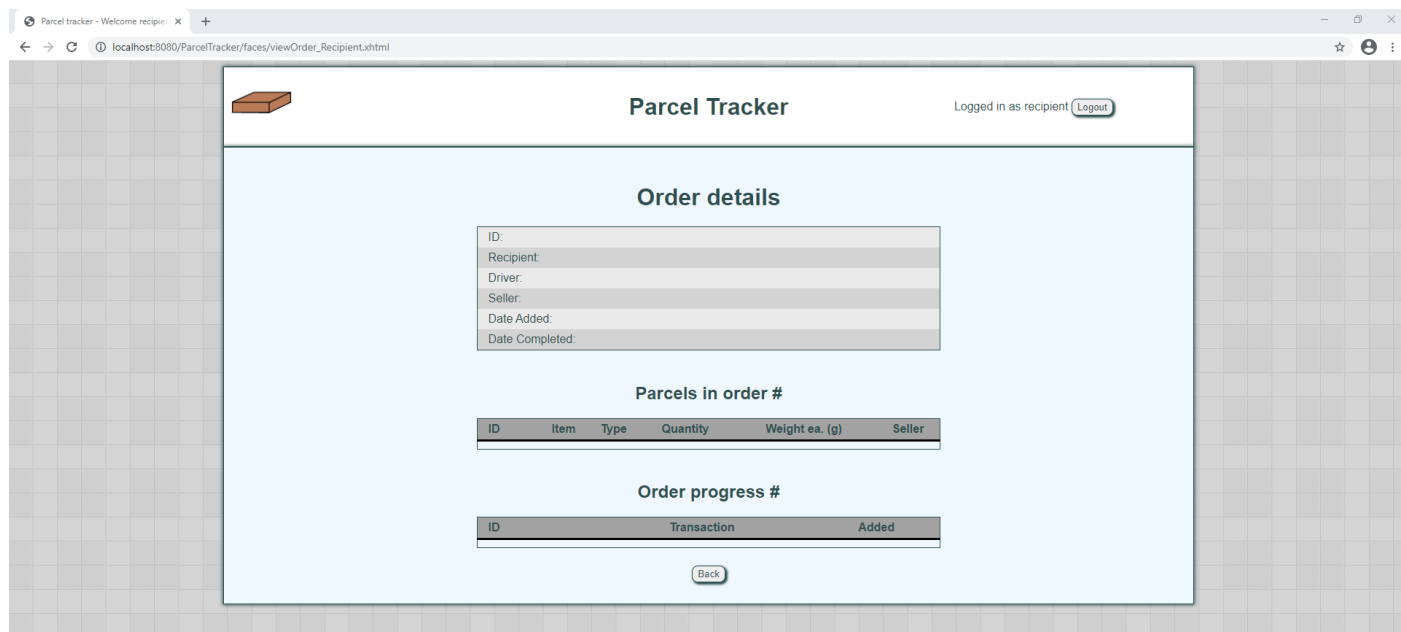
Username:

Password:

Appendix H: Guest attempts to view restricted page but is returned to login screen



Appendix I: Recipient views order details page while logged in without being redirected back to login screen



Appendix J: All 153 JUnit tests completed and passed

Notifications

Output

Test Results X

ParcelTracker X

Tests passed: 100.00 %

All 153 tests passed. (7.076 s)

Driver_UI.AddTransactionCommandTest

passed

Driver_UI.DriverCommandFactoryTest

passed

Driver_UI.DriverCommandTest

passed

Driver_UI.RemoveTransactionCommandTest

passed

Driver_UI.ViewAllOrdersCommandTest

passed

Guest_UI.GuestCommandFactoryTest

passed

Guest_UI.GuestCommandTest

passed

Guest_UI.RegisterCommandTest

passed

Guest_UI.ViewUserByUsernameCommandTest

passed

Guest_UI.ViewUserRoleCommandTest

passed

Recipient_UI.RecipientCommandFactoryTest

passed

Recipient_UI.RecipientCommandTest

passed

Recipient_UI.ViewOrderProgressCommandTest

passed

Recipient_UI.ViewRecipientOrdersCommandTest

passed

Seller_UI.CreateOrderCommandTest

passed

Seller_UI.CreateParcelCommandTest

passed

Seller_UI.DeleteOrderCommandTest

passed

Seller_UI.DeleteParcelCommandTest

passed

Seller_UI.EditOrderCommandTest

passed

Seller_UI.EditParcelCommandTest

passed

Seller_UI.SellerCommandFactoryTest

passed

Seller_UI.SellerCommandTest

passed

Seller_UI.ViewAllParcelsCommandTest

passed

Seller_UI.ViewAllUsersCommandTest

passed

Seller_UI.ViewDriverMetricsCommandTest

passed

Seller_UI.ViewOrderParcelsCommandTest

passed

Seller_UI.ViewOrderTransactionsCommandTest

passed

Seller_UI.ViewParcelCommandTest

passed

Seller_UI.ViewUserCommandTest

passed

dto.MetricDTOTest

passed

dto.OrderDTOTest

passed

dto.ParcelDTOTest

passed

dto.TransactionDTOTest

passed

dto.UserDTOTest

passed

gateway.OrderGatewayTest

passed

gateway.ParcelGatewayTest

passed

gateway.TransactionGatewayTest

passed

gateway.UserGatewayTest

passed

managedbean.DriverBeanTest

passed

managedbean.LoginBeanTest

passed

managedbean.RecipientBeanTest

passed

managedbean.RegisterBeanTest

passed

managedbean.SellerBeanTest

passed

manager.DbManagerTest

passed

Phone

FirstName

AddressLineOne

Username

T1 - testRegisterValid

Postcode

getNextId

T2 - testRegisterInvalid

County

T5 - testEditParcelInvalidWeight

RecipientId

T8 - testCreateOrderInvalidRecipientId

T29 - testDeleteOrder

T24 - testViewAllUsers

T4 - testCreateParcelInvalidSellerId

findRoleByUser

T26 - viewRecipientOrdersSpecial

T18 - testFindOrderTransactionsSomeTransactions

T15 - testFindOrderParcels

Name

Role

Type

T13 - testEditOrderInvalidParcelId

T6 - testEditParcelInvalidSellerId

Quantity

T12 - testEditOrderInvalidOrderId

TotalOrders

getDate

T34 - testFindParcelById

WeightGrams

T28 - deleteParcel

TotalParcels

T3 - testCreateParcelInvalidWeight

Id

T17 - testFindOrderTransactionNoDriver

T25 - testViewUserById

T11 - testEditOrderInvalidSellerId

T7 - testCreateEditParcelCreateEditOrderAddParcelToOrder

TotalUsers

T31 - testViewAllOrders

ParcelDetails

T14 - testEditOrderInvalidQuantity

getNextOrderParcelsId

T16 - testFindOrderTransactionsNoTransactions

UserDetails

TotalTransactions

T32 - findOrderById

SellerId

T10 - testEditOrderInvalidRecipientId

T30 - viewDriverMetrics

T9 - testCreateOrderInvalidSellerId

T33 - testViewAllParcels

getConnection