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## Acceptance Tests:

### Format

| Name | Test Name |
| --- | --- |
| TEST 1 | |
| Input |  |
| Expected Output |  |
| TEST 2 | |
| Input |  |
| Expected Output |  |
| TEST 3 | |
| Input |  |
| Expected Output |  |

### #1 System Initiation i1

| Name | 1. System Initiation |
| --- | --- |
| TEST 1 | |
| Input | No input |
| Expected Output | System starts successfully with one admin, connection to all required services |
| TEST 2 | |
| Input | No input - Connection failure with payment service |
| Expected Output | System does not start and reports error |
| TEST 3 | |
| Input | No input - Connection failure with Delivery service |
| Expected Output | System does not start and reports error |

### 

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### #15 Buying Cart 2.5

| Name | Buying Cart |
| --- | --- |
| TEST 1 | |
| Input | Guest, Stores are open, Valid Items in stock from stores, valid payment method |
| Expected Output | Receipt |
| TEST 2 | |
| Input | Guest, Stores are open, valid payment method, **item out of stock** |
| Expected Output | Error message saying “error” and payment canceled, and rest of cart unchanged |
| TEST 3 | |
| Input | Guest, Stores are open, **invalid payment method**, valid items in stock |
| Expected Output | Cannot buy right now |
| TEST 4 | |
| Input | Guest, Stores are open, **Not Valid supplying details**, item out of stock |
| Expected Output | Error message saying “error” and supplying canceled, and rest of cart unchanged |

### #2 Change connection with external systems i2

| Name | **(2)** **Change connection with external systems** |
| --- | --- |
| TEST 1 | |
| Input | valid store information, valid system information |
| Expected Output | changed\added the external system |
| TEST 2 | |
| Input | **wrong store information**, valid system information |
| Expected Output | Error message : “Wrong store information”, changes canceled |
| TEST 3 | |
| Input | valid store information, **valid system information** |
| Expected Output | Error message : “Wrong system information, changes canceled” |

### #3 Turning to Payment service i3

| Name | **(3) Turning to Payment service** |
| --- | --- |
| TEST 1 | |
| Input | user transaction details valid, payment service exists |
| Expected Output | Confirmation that the transaction has been successful. |
| TEST 2 | |
| Input | **user transaction details aren't valid**, payment service exists |
| Expected Output | Error message: “User transaction details are not valid”, payment canceled. |
| TEST 3 | |
| Input | user transaction details valid, **payment service doesn’t exist** |
| Expected Output | Error message: “Service doesn’t exist”, payment canceled. |

### #4 Turning to Supplying service i4

| Name | **(4)** **Turning to Supplying service** |
| --- | --- |
| TEST 1 | |
| Input | items details are valid, customer details valid, supplying service exists |
| Expected Output | Confirmation that the supply will be delivered. |
| TEST 2 | |
| Input | **items details aren’t valid**, customer details valid, supplying service exists |
| Expected Output | Error message: “Items details are not valid”, supply canceled. |
| TEST 3 | |
| Input | items details are valid, **customer details aren’t valid**, supplying service exists |
| Expected Output | Error message: “Customer details are not valid”, supply canceled. |
| TEST 4 | |
| Input | items details are valid, customer details valid, **supplying service doesn’t exist** |
| Expected Output | Error message: “Service doesn’t exist”, supply canceled. |

### #27 Manage inventory - Add 4.1

| Name | **(27) Manage inventory - Add** |
| --- | --- |
| TEST 1 | |
| Input | new item details valid, store exists, item not in store |
| Expected Output | Item added to the store |
| TEST 2 | |
| Input | **new item details not valid**, store exists, item not in store |
| Expected Output | Error message: “details not valid”, item wasn't added to store |
| TEST 3 | |
| Input | new item details valid, **store doesn’t exist**, item not in store |
| Expected Output | Error message: “Store doesn’t exist”, item wasn't added to store |
| TEST 4 |  |
| Input | new item details valid, store exist, **item in store** |
| Expected Output | Error message: “Item already in store”, item wasn't added to store |

### #28 Manage inventory - Remove 4.1

| Name | **(28) Manage inventory - Remove** |
| --- | --- |
| TEST 1 | |
| Input | item’s details valid, store exists, item in store |
| Expected Output | Item removed from the store |
| TEST 2 | |
| Input | **item details not valid**, store exists, item not in store |
| Expected Output | Error message: “details not valid”, item wasn't removed from store |
| TEST 3 | |
| Input | item’s details valid, **store doesn’t exist**, item not in store |
| Expected Output | Error message: “Store doesn’t exist”, item wasn't removed from store |
| TEST 4 |  |
| Input | item’s details valid, store exists, **item not in store** |
| Expected Output | Error message: “Item not in store”, item wasn't removed from store |

### #29 Manage inventory - Change 4.1

| Name | **(29) Manage inventory - Change** |
| --- | --- |
| TEST 1 | |
| Input | item’s new details valid, store exists, item in store |
| Expected Output | Item details changed |
| TEST 2 | |
| Input | **item’s new details not valid**, store exists, item not in store |
| Expected Output | Error message: “details not valid”, Item details wasn't changed |
| TEST 3 | |
| Input | item’s new details valid, **store doesn’t exist**, item not in store |
| Expected Output | Error message: “Store doesn’t exist”,Item details wasn't changed |
| TEST 4 |  |
| Input | item’s new details valid, store exists, **item not in store** |
| Expected Output | Error message: “Item not in store”, Item details wasn't changed |

### #30 Change Discount and Buying Policies as Store Owner 4.2

| Name | **(30)** **change discount and buying policies as Store Owner** |
| --- | --- |
| TEST 1 | |
| Input | valid new discount details, items for the new discount exists in the store, valid new policy, store exists and not permanently closed |
| Expected Output | updated store policy/discount |
| TEST 2 | |
| Input | **discount details are not valid**, items for the new discount exists in the store, valid new policy, store exists and not permanently closed |
| Expected Output | Error message : “Wrong discount details”, discount unchanged |
| TEST 3 | |
| Input | valid new discount details, **items for the new discount are not existing in the store**, valid new policy, store exists and not permanently closed |
| Expected Output | Error message : “Items not found in the store”, discount unchanged |
| TEST 4 |  |
| Input | valid new discount details, items for the new discount exists in the store, **new policy not valid**, store exists and not permanently closed |
| Expected Output | Error message : “Policy details not valid”, policy unchanged |
| TEST 5 |  |
| Input | valid new discount details, items for the new discount exists in the store, valid new policy, **store exists and permanently closed** |
| Expected Output | Error message : “Store is permanently closed.” |

### #5 Live Notification i5

| Name | (5) Notification |
| --- | --- |
| TEST 1 | |
| Input | Create a store as user1 in one system session and register and log in a user2 in another system session. Buy from the store |
| Expected Output | information about the transaction pops up for user1 immediately |
| TEST 2 | |
| Input | just closed a store and owner logged in |
| Expected Output | notification should be sent to the owner |

### #6 Delayed Notification i6

| Name | (6) Delayed Notification |
| --- | --- |
| TEST 1 | |
| Input | Create a store as user1, log out. register and log in a user2. buy from the store. log back in as user1 |
| Expected Output | information about the transaction upon logging back in as user1 |
| TEST 2 | |
| Input | ust closed a store and owner logged in |
| Expected Output | notification should be sent to the owner |

### 

### #6.5 Permissions

| Name | (6.5) Permissions |
| --- | --- |
| TEST 1 Guest tries to create store | |
| Input | guest info and new store info |
| Expected Output | Guest can’t create a Store |
| TEST 2 User tries to manage store that isn’t his | |
| Input | userId and store info |
| Expected Output | User is not a manager of this Store |
| TEST 3 User tries to close/open store that isn’t his | |
| Input | user info and store info |
| Expected Output | User is not a manager of this Store |
| TEST 4 Manager tries to do actions he can’t | |
| Input | userId |
| Expected Output | Manager has no permission to do this! |

### #7 Load System 1.1

| Name | (7) Load System |
| --- | --- |
| TEST 1 | |
| Input | already exist 2 stores in the system |
| Expected Output | system loads and stores are visible (from guest POV) |
| TEST 2 | |
| Input | Severed connection with DB |
| Expected Output | Error message and system does not load (To ensure no false info?) |

### 

### #8 Exit System 1.2

| Name | (8) Exit System |
| --- | --- |
| TEST 1 | |
| Input | System is open guest user has items in cart |
| Expected Output | closed system, cart was not saved |
| TEST 2 | |
| Input | System is open registered user has items in cart |
| Expected Output | closed system, cart was saved |
| TEST 3 | |
| Input | Severed connection with DB |
| Expected Output | System does not close until connection restored (ERROR?) |

### #9 Register User 1.3

| Name | (9) Register User |
| --- | --- |
| TEST 1 | |
| Input | Valid, unused username and valid password |
| Expected Output | user is now registered in system and has the option to log in |
| TEST 2 | |
| Input | Used username and any password |
| Expected Output | Appropriate Error message and user is not registered in system (user with same name that was already registered remains registered) |
| TEST 3 | |
| Input | Invalid username and password (characters/length/security) |
| Expected Output | Appropriate Error message and user is not registered in system |

### #10 Log in 1.4

| Name | (10) Log in |
| --- | --- |
| TEST 1 | |
| Input | user is already registered, correct password entered, and has 1 item in cart |
| Expected Output | user is showed as logged in, connected to current session, and item in cart appears |
| TEST 2 | |
| Input | user is already registered, incorrect password entered |
| Expected Output | Error message and user is still not logged in |
| TEST 3 | |
| Input | username entered does not exist (not registered) |
| Expected Output | Error message and user is still not logged in |

### #16 Log Out 3.1

| Name | (16) Log out |
| --- | --- |
| TEST 1 | |
| Input | Logged in user, attempt to log out with items in cart |
| Expected Output | user is logged out and has guest access only to system. cart contents were saved |
| TEST 2 | |
| Input | No user logged in at the moment |
| Expected Output | No change in system and appropriate error message |

### #32 Define Store Owner 4.4

| Name | (32) Define Store Owner |
| --- | --- |
| TEST 1 | |
| Input | Logged in as user1, who is an owner of the store (which already exists) and make user2 a store owner (user2 previously was not an owner of the store) |
| Expected Output | user2 is now store owner |
| TEST 2 | |
| Input | Logged in as user1, who is an owner of the store (which already exists) and try to make user2 a store owner (user2 is already an owner of the store) |
| Expected Output | Error message and nothing changes in the system |
| TEST 3 | |
| Input | Logged in as user1, who is NOT an owner of the store (which already exists) and try to make user2 a store owner |
| Expected Output | Error message and nothing changes in the system |

### #33 Define Store Manager 4.6

| Name | (?) Define Store Manager |
| --- | --- |
| TEST 1 | |
| Input | Logged in as user1, who is an owner of the store (which already exists) and make user2 a store manager(user2 previously was not a manager of the store) |
| Expected Output | user2 is now store manager |
| TEST 2 | |
| Input | Logged in as user1, who is an owner of the store (which already exists) and try to make user2 a store owner (user2 is already an owner of the store) |
| Expected Output | Error message and nothing changes in the system |
| TEST 3 | |
| Input | Logged in as user1, who is NOT an owner of the store (which already exists) and try to make user2 a store manager |
| Expected Output | Error message and nothing changes in the system |

### #34 Remove Store Owner 4.5

| Name | (34) Remove Store Owner |
| --- | --- |
| TEST 1 | |
| Input | Logged in as user1, who is an owner of the store (which already exists) and remove user2 as a store owner (user2 previously was n owner of the store, defined by user1) |
| Expected Output | user2 is no longer store owner, all owners and managers user2 defined are removed |
| TEST 2 | |
| Input | Logged in as user1, who is an owner of the store (which already exists) and try to remove user2 as a store owner (user2 is an owner of the store, defined by user3/is the founder) |
| Expected Output | Error message and nothing changes in the system |
| TEST 3 | |
| Input | Logged in as user1, who is NOT an owner of the store (which already exists) and try to remove user2 as a store owner |
| Expected Output | Error message and nothing changes in the system |

### #33.5 Remove Store Manager 4.8

| Name | (?) Remove Store Manager |
| --- | --- |
| TEST 1 | |
| Input | Logged in as user1, who is an owner of the store (which already exists) and remove user2 as a store manager (user2 previously was a manager of the store, defined by user1) |
| Expected Output | user2 is no longer store manager |
| TEST 2 | |
| Input | Logged in as user1, who is an owner of the store (which already exists) and try to remove user2 as a store manager (user2 is a manager of the store, but defined by user3) |
| Expected Output | Error message and nothing changes in the system |
| TEST 3 | |
| Input | Logged in as user1, who is NOT an owner of the store (which already exists) and try to remove user2 as a store manager |
| Expected Output | Error message and nothing changes in the system |

### #33 Edit Store Manager Permissions 4.7

| Name | (33) Edit Store Manager Permissions |
| --- | --- |
| TEST 1 add BID permission | |
| Input | manager info and BID info |
| Expected Output | added to manager the BID permission |
| TEST 2 remove BID permission | |
| Input | manager info and BID info |
| Expected Output | The manager cannot do BID |
| TEST 3 | |
| Input |  |
| Expected Output |  |

### #17 Open Store 3.2

| Name | (17) Open Store |
| --- | --- |
| TEST 1 | |
| Input | Logged in as user1, Create store with all valid creation info |
| Expected Output | store is created and can now be edited |
| TEST 2 | |
| Input | Logged in as user2, Create store with missing creation info |
| Expected Output | Error message appears and store is not created yet |
| TEST 3 | |
| Input | Not logged in, attempt to create store |
| Expected Output | Error message appears and store is not created |

### #35 Close Store 4.9

| Name | (35) Close Store |
| --- | --- |
| TEST 1 | |
| Input | Logged in as user1, who is the founder of the store |
| Expected Output | store is closed |
| TEST 2 | |
| Input | Logged in as user2, who is the owner but not founder of the store |
| Expected Output | Error message appears and store remains closed |
| TEST 3 | |
| Input | Logged in as user1, who is th  e founder of the store but the store has already been closed |
| Expected Output | store remains closed |

### #37 Show information of store’s staff (Store Owner\Manager) 4.11

| Name | (37) Show information of store’s staff (Store Owner\Manager) |
| --- | --- |
| TEST 1 | |
| Input | Logged in as *user1*, *user1* is the owner\manger of *store1*. *user1* asks for the store’s staff information. |
| Expected Output | A list of all the data about the staff held by the store. |
| TEST 2 | |
| Input | Logged in as *user2*, *user2* is not an owner\manager of *store1*. *user2* asks for the information. |
| Expected Output | An error message, the user is not allowed to watch this data. |

### #39 Get selling history (Store Owner) 4.13

| Name | (39) Get selling history (Store Owner) |
| --- | --- |
| TEST 1 | |
| Input | Logged in as *user1*, *user1* is the owner of *store1*. *user1* asks for the store’s selling history. |
| Expected Output | A list of all previous purchases from the store. |
| TEST 2 | |
| Input | Logged in as *user2*, *user2* is not an owner of *store1*. *user2* asks for the information. |
| Expected Output | An error message, the user is not allowed to watch this data. |
| TEST 3 | |
| Input | Logged in as *user1*, *user1* asks for information about *store1*, *store1* doesn’t exist. |
| Expected Output | An error message, the store cannot be found. |

### #38 Get store’s information and answer requests (Store Owner\Manager) 4.12

| Name | (38) Get store’s information and answer requests (Store Owner\Manager) |
| --- | --- |
| TEST 1 | |
| Input | Logged in as *user1*, *user1* is the owner\manager of *store1*. *user1* asks for the store’s information. |
| Expected Output | The information of the store. |
| TEST 2 | |
| Input | Logged in as *user2*, *user2* is not an owner\manager of *store1*. *user2* asks for the information. |
| Expected Output | An error message, the user is not allowed to watch this data. |
| TEST 3 | |
| Input | Logged in as *user1*, *user1* asks for information about *store1*, *store1* doesn’t exist. |
| Expected Output | An error message, the store cannot be found. |
| TEST 4 | |
| Input | Logged in as *user1*, *user1* is the owner\manager of *store1*. *user1* asks for requests sent to *store1*. |
| Expected Output | A list of all not-handled requests of *store1*. |

### #39 Show information of store’s staff (Store Owner) 4.11

| Name | (39) Get selling history (Store Owner) |
| --- | --- |
| TEST 1 | |
| Input | Logged in as *user1*, *user1* is the owner of *store1*. *user1* asks for the store’s selling history. |
| Expected Output | A list of all previous purchases from the store. |
| TEST 2 | |
| Input | Logged in as *user2*, *user2* is not an owner of *store1*. *user2* asks for the information. |
| Expected Output | An error message, the user is not allowed to watch this data. |
| TEST 3 | |
| Input | Logged in as *user1*, *user1* asks for information about *store1*, *store1* doesn’t exist. |
| Expected Output | An error message, the store cannot be found. |

### #11 Get store’s information (Guest) 2.1

| Name | (11) Get store’s information (Guest) |
| --- | --- |
| TEST 1 | |
| Input | Store ID that exists and the store is open |
| Expected Output | The guest user get the store’s information |
| TEST 2 | |
| Input | Store ID that exists but the store is close |
| Expected Output | A message that the store is close |
| TEST 3 | |
| Input | A letter and not a number |
| Expected Output | An error message that the input is invalid |
| TEST 4 | |
| Input | Store ID that does not exist |
| Expected Output | An error message that the store id does not exist |

### #12 Search items (Guest) 2.2

| Name | (12) Search items (Guest) |
| --- | --- |
| TEST 1 | |
| Input | String and filters that at least one item matches |
| Expected Output | List of items that match the string and meet the filters |
| TEST 2 | |
| Input | String and filters that no item match |
| Expected Output | An empty list of items |

### #13 Add to basket (Guest) 2.3

| Name | (13) Add to basket (Guest) |
| --- | --- |
| TEST 1 | |
| Input | User ID, store ID that exists and the store is open, item ID that exists in the store, amount (assume the user’s cart doesn’t have the item) |
| Expected Output | The user’s cart contains a basket for the store with the item with the amount |
| TEST 2 | |
| Input | User ID, store ID that exists but the store is close, some item ID, amount |
| Expected Output | A message that the store is close |
| TEST 3 | |
| Input | User ID, store ID that exists but the store is permanently close, some item ID, amount |
| Expected Output | A message that the store is permanently close |
| TEST 4 | |
| Input | User ID, store ID that exists and the store is open, item ID that exists in the store, negative amount |
| Expected Output | An error message that the amount is negative |
| TEST 5 | |
| Input | Store ID that does not exists, and the rest is valid |
| Expected Output | An error message that the store id does not exist |
| TEST 6 | |
| Input | User ID, store ID that exists and the store is open, item ID that exists in the store, amount (assume the user’s cart already have the item) |
| Expected Output | The user’s cart contains a basket for the store with the item with an amount of the previous amount plus the amount to add |

### #14 Show cart (Guest) 2.4

| Name | (14) Show cart (Guest) |
| --- | --- |
| TEST 1 | |
| Input | User ID |
| Expected Output | The user get his cart |
| TEST 2 | |
| Input | User ID that does not exist |
| Expected Output | An error message that the user does not exist |
| TEST 3 | |
| Input | User ID that is currently not a visitor of the market |
| Expected Output | An error message that the user is not visiting the market |
| TEST 4 | |
| Input | User ID that does not match the user that sent the request |
| Expected Output | An error message that the user is asking for someone else's cart |

### #15 Buy cart (Guest) 2.5

| Name | (15) Buy cart (Guest) |
| --- | --- |
| TEST 1 | |
| Input | User ID, payment details |
| Expected Output | The user’s cart is now empty, the supplement system get a request for the delivery, the payment is made, the stores items amounts are being decreased |
| TEST 2 | |
| Input | User ID, wrong payment details (or any input that the external payment system will reject) |
| Expected Output | A message that the payment has rejected |
| TEST 3 | |
| Input | User ID that is currently not a visitor of the market |
| Expected Output | An error message that the user is not visiting the market |
| TEST 4 | |
| Input | User ID, payment details, such that the destination is unreachable for the supply service |
| Expected Output | An error message that the delivery destination the user entered is out of the range of the supply system |
| TEST 5 | |
| Input | User ID, payment details, but one or more of the items in the user’s cart is missing from its store |
| Expected Output | An error message that the missing items are missing |

### #18 Get store’s information (Registered User) 2.1

| Name | (18) Get store’s information (Registered User) |
| --- | --- |
| TEST 1 | |
| Input | Store ID that exists and the store is open |
| Expected Output | The user get the store’s information |
| TEST 2 | |
| Input | Store ID that exists but the store is close |
| Expected Output | A message that the store is close |
| TEST 3 | |
| Input | A letter and not a number |
| Expected Output | An error message that the input is invalid |

### #19 Rate an item or a store (Registered User) 3.4

| Name | Rate an item or a store |
| --- | --- |
| TEST 1 | |
| Input | item details, rank, user details |
| Expected Output | item is ranked |
| TEST 2 | |
| Input | store details, rank, user details |
| Expected Output | store is ranked |
| TEST 3 | |
| Input | store details, wrong ranking, user details |
| Expected Output | Must enter a number between 1-5 |

### #20 Send request to store (Registered User) 3.5

| Name | Send request to store |
| --- | --- |
| TEST 1 | |
| Input | user details, store details, msg |
| Expected Output | msg had been sent to store |
| TEST 2 | |
| Input | user details, store details, empty msg |
| Expected Output | msg cannot be empty |
| TEST 3 | |
| Input | wrong store details, user details, msg |
| Expected Output | store details is wrong |

### #21 Make a complaint (Registered User) 3.6

| Name | Make a complaint |
| --- | --- |
| TEST 1 | |
| Input | user ID and a complaint |
| Expected Output | complaint had been submitted |
| TEST 2 | |
| Input | wrong user ID and a complaint |
| Expected Output | error : user does not exists |
| TEST 3 | |
| Input | user ID and an empty complaint |
| Expected Output | error : no complaint found: |

### #22 Get personal history purchase (Registered User) 3.7

| Name | Get Personal Purchase History |
| --- | --- |
| TEST 1 | |
| Input | Logged in User with no previous purchases |
| Expected Output | Message saying there were no prev purchases |
| TEST 2 | |
| Input | Logged in User with previous purchases |
| Expected Output | List of previous purchases including date, store, items, price |
| TEST 3 | |
| Input | No logged in user (Guest) |
| Expected Output | no purchase history |

### #23 Show and edit personal information (Registered User) 3.8

| Name | Show and Edit personal information |
| --- | --- |
| TEST 1 | |
| Input | Username: Testuser, password TestPassword (if there is more personal info - that as well) |
| Expected Output | request to see info - all info shown properly (Testuser and pass) |
| TEST 2 | |
| Input | Guest User attempt to see personal info |
| Expected Output | No Info shown |
| TEST 3 | |
| Input | Username: Testuser, password TestPassword. Change pass to validPassword2 |
| Expected Output | message saying success. log out and log in and ensure prev password does not work and new one works |
| TEST 4 | |
| Input | Username: Testuser, password TestPassword. Change pass to inValidPass |
| Expected Output | message saying failure. log out and log in and ensure prev password does work and new one does not |

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### #36 Reopen store (Store Owner) 4.10

| Name | Reopen store |
| --- | --- |
| TEST 1 | |
| Input | valid store Id and valid user Id |
| Expected Output | store is opened and alerts sent to |
| TEST 2 | |
| Input | open store id and valid user id |
| Expected Output | error: store is already open |
| TEST 3 | |
| Input | valid store id and id of a member |
| Expected Output | error: person is not the store owner |

### #40 Close store permanently (System manager) 6.1

| Name | close store permanently |
| --- | --- |
| TEST 1 | |
| Input | valid Store Id, valid managerId |
| Expected Output | store gets closed and owners losing their positions |
| TEST 2 | |
| Input | non valid store id, valid managerId |
| Expected Output | error: store doesn’t exist |
| TEST 3 | |
| Input | valid store id, non valid managerId |
| Expected Output | error: Manager is not this guy |

### #41 Remove registered user from the system (System manager) 6.2

| Name | Remove registered user from the system |
| --- | --- |
| TEST 1 | |
| Input | user ID to remove, manager ID |
| Expected Output | member was removed from the system and fired from all his jobs |
| TEST 2 | |
| Input | non valid user ID to remove, manager ID |
| Expected Output | User doesn’t exists |
| TEST 3 | |
| Input | user ID to remove, not valid manager ID |
| Expected Output | This is not the System manager |

### #42 Get information and answer requests (System manager) 6.3

| Name | Get information and answer requests |
| --- | --- |
| TEST 1 answerRequest | |
| Input | system Manager Id |
| Expected Output | senders of requests gets an answer |
| TEST 2 send msg to users and stores | |
| Input | systemManagerId, id of receiver, valid msg |
| Expected Output | msg has been sent to receiver |
| TEST 3 | |
| Input | systemManagerId, wrong id of receiver, valid msg |
| Expected Output | error: no user exists |

### 

### #43 Get selling history of a store (System manager) 6.4

| Name | Get selling history of a store |
| --- | --- |
| TEST 1 | |
| Input | valid store ID |
| Expected Output | store receipts |
| TEST 2 | |
| Input | valid UserID |
| Expected Output | user receipts |
| TEST 3 | |
| Input | non Valid store id |
| Expected Output | error msg : no such store |

### #44 Get system activity data (System manager) 6.5

| Name | Get system activity data |
| --- | --- |
| TEST 1 get usersTraffic | |
| Input |  |
| Expected Output | gets how many users entered and left today |
| TEST 2 get purchase traffic | |
| Input |  |
| Expected Output | gets how many purchases were made today |
| TEST 3 get registered users traffic | |
| Input |  |
| Expected Output | gets how many registrations were made today |

### #45 Add discounts (Store Owner) 4.2

| Name | add discount |
| --- | --- |
| TEST 1 | |
| Input | items details , store id , date |
| Expected Output | DIscount has been added |
| TEST 2 | |
| Input | items details, not valid store id, date |
| Expected Output | Store does not exists |
| TEST 3 | |
| Input | item details, store id, passed date |
| Expected Output | Date has passed |

### #46 Add discount Policy (Store Owner) 4.2

| Name | add discount policy |
| --- | --- |
| TEST 1 | |
| Input | store id, policy details |
| Expected Output | DIscount policy has been added |
| TEST 2 | |
| Input | not valid store id, policy details |
| Expected Output | Store does not exists |
| TEST 3 | |
| Input | store id, not valid policy details |
| Expected Output | Info is not valid |

### #47 Get Logged-In and Logged-Out Users Info (System Manager) 6.6

| Name | get Users info |
| --- | --- |
| TEST 1 | |
| Input | system manager ID |
| Expected Output | Logged Out Users Info |
| TEST 2 | |
| Input | system manager ID |
| Expected Output | Logged In Users Info |

### #48 Add Bid to Store (Store Owner)

| Name | addBid |
| --- | --- |
| TEST 1 | |
| Input | item details and user details |
| Expected Output | Bid Added successfully |
| TEST 2 | |
| Input | wrong item details and user details |
| Expected Output | Bid wasn’t added |
| TEST 3 | |
| Input | item details and wrong user details |
| Expected Output | Bid wasn’t added |

### #49 Approve, reject, counter offer Bid One Owner (Store Owner)

| Name | approve, reject, counter offer |
| --- | --- |
| TEST 1 | |
| Input | item details and user details |
| Expected Output | Bid approved/rejected/countered |
| TEST 2 | |
| Input | wrong item details and user details |
| Expected Output | Bid wasn’t approved/rejected/countered |
| TEST 3 | |
| Input | item details and wrong user details |
| Expected Output | Bid wasn’t approved/rejected/countered |

### #50 Approve Bid Multiple Owners (Store Owner)

| Name | approve |
| --- | --- |
| TEST 1 | |
| Input | item details and user details |
| Expected Output | if one approved -> waiting for the others to response  if all approved -> bid approved and msg is sent to the user |
| TEST 2 | |
| Input | wrong item details and user details |
| Expected Output | Bid wasn’t approved |
| TEST 3 | |
| Input | item details and wrong user details |
| Expected Output | Bid wasn’t approved |

### #51 Reject Bid Multiple Owners (Store Owner)

| Name | reject |
| --- | --- |
| TEST 1 | |
| Input | item details and user details |
| Expected Output | the first to reject -> bid rejected and msg is sent to the user |
| TEST 2 | |
| Input | wrong item details and user details |
| Expected Output | Bid wasn’t rejected |
| TEST 3 | |
| Input | item details and wrong user details |
| Expected Output | Bid wasn’t rejected |

### #52 CounterOffer Bid Multiple Owners (Store Owner)

| Name | counteroffer |
| --- | --- |
| TEST 1 | |
| Input | item details and user details |
| Expected Output | if one countered -> waiting for the others to response and the counter offer is sent to the user  if more than one countered -> the lowest offer is sent to the user |
| TEST 2 | |
| Input | wrong item details and user details |
| Expected Output | Bid wasn’t countered |
| TEST 3 | |
| Input | item details and wrong user details |
| Expected Output | Bid wasn’t countered |

### #53 Approve/Reject New Owners (Store Owner)

| Name | approve New Owner |
| --- | --- |
| TEST 1 | |
| Input | store with 1 founder, no owners and users details |
| Expected Output | “Owner is approved!” |
| TEST 2 | |
| Input | store with 1 founder, 1 owner and users details |
| Expected Output | “Waiting for the owner approval” |
| TEST 3 | |
| Input | store details, wrong owner details |
| Expected Output | owner wasn’t added |
| Name | reject New Owner |
| TEST 1 | |
| Input | store with 1 founder, 1 owners and users details |
| Expected Output | “Owner is rejected!” |