

Acceptance tests:

1. Use-Case: **Initialize Marketplace System**

Scenario	Action	Input	Result
Positive	Initializing the service then trying to login to the default admin and calling the default services		The system initialized

2.1. Use-Case: **Edit connection with an external service**

Positive	Calling the edit external service method and asserting it went right	Correct data and service to update	External service updated
Negative	Calling the edit external service method and asserting it failed	Invalid service type	Failed to update external service
Negative	Calling the edit external service method and asserting it failed	Not system admin	Failed to update external service

2.2. Use-Case: **Swap connection with an external service**

Positive	Calling the edit external service method and asserting it went right	Correct data and service to swap	External service swapped
Negative	Calling the swap external service method and asserting it failed	Invalid service type	Failed to swap external service
Negative	Calling the swap external service method and asserting it failed	Not system admin	Failed to swap external service

4. Use-Case: [Access Marketplace](#)

Positive	Calling access marketplace method and asserting guest was created		The marketplace started
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5. Use-Case: [Exit Marketplace](#)

Positive	Calling exit marketplace method with connected user and asserting it went right		The user logged out of the system
Negative	Calling exit marketplace not method with connected user and asserting it went wrong		Try exit again error

6. Use-Case: Register

Positive	Calling the register method and asserting it went right and then asserting login to the user went right	Correct user information	New user created in the system
Negative	Calling the register method and asserting it went wrong and then asserting login to the user went wrong	Invalid password	Fail to register with invalid password
Negative	Calling the register method and asserting it went wrong and then asserting login to the user went wrong	Invalid guest tries to register	Fail to register with invalid guest
Negative	Calling the register method and asserting it went wrong and then asserting login to the user went wrong	Already registered username	Fail to register with same username twice

7. Use-Case: Login

Positive	Calling the register method asserting it went right. asserting login to the user went right	Correct user credentials	The user logged into the system
Negative	Calling login method and asserting it went wrong	Username doesn't exist	The user doesn't exist fail to login
Negative	Calling login method and asserting it went wrong	Already logged in user credentials	The user already logged in
Negative	Calling login method and asserting it went wrong	Invalid guest tries to login	Fail to login with invalid guest

8. Use-Case: Get Shop Info

Positive	Calling the get shop info method asserting the value returned is shop	Correct shopID and userID	The shop info returned
Negative	Calling the get shop info method asserting it went wrong	Invalid shopID	Failed to return the shop
Negative	Calling the get shop info method asserting it went wrong	Invalid user	Failed to return the shop

9. Use-Case: Search Products

Positive	(add product test runs before so there is what to search) Calling the search product method and asserting the result is on the right size	Valid search that returns one product	The products that satisfy the search demands will display
Negative	Calling the search product method and asserting it went wrong	Invalid user	Fail to search with invalid user

10.1. Use-Case: Add to shopping cart

Positive	Calling add to cart method asserting it went right then calling the check shopping cart method to assert it added.	Valid User ShopID and ProductID quantity is available	The product entered the user's shopping cart
Negative	Calling add to cart method asserting it went wrong	ProductID doesn't exist	Failed to add product that doesn't exist
Negative	Calling add to cart method asserting it went wrong	Quantity bigger than available	Failed to add product that isn't have enough in stock

10.2. Use-Case: Check Shopping Cart

Positive	Calling the check shopping cart method and asserting it returns shopping cart	Valid user	The user's shopping cart displayed
Negative	Calling the check shopping cart method and asserting it went wrong	Invalid user	failed return the cart of invalid user

10.3. Use-Case: [Remove From Shopping Cart](#)

Positive	Calling remove from cart method asserting it went right then calling the check shopping cart method to assert it removed.	ProductID that exist in user's cart	The product removed from the user's cart
Negative	Calling remove from cart method asserting it went wrong	ProductID that doesn't exist in user's cart	Failed to remove product that doesn't in cart

10.4. Use-Case: [Edit Product Specifications In Shopping Cart](#)

Positive	Calling edit product in cart method asserting it went right then calling the check shopping cart method to assert it changed.	Correct information to edit the product in cart	The product quantity updated in user cart
Negative	Calling edit product in cart method asserting it went wrong	Product quantity bigger than available	Failed to edit to quantity bigger than available

11. Use-Case: Checkout

Positive	Calling the checkout method and asserting it went right	Correct information to go to checkout	Checkout been executed
Negative	Calling the checkout method and asserting it went wrong	Invalid user	Failed to checkout from invalid user

12. Use-Case: Logout

Positive	Calling the logout method and asserting it went right	Logged in username	The user logged out of the system
Negative	Calling the logout method and asserting it went wrong	User isn't logged in	Failed to logout user who isn't logged in
Negative	Calling the logout method and asserting it went wrong	User isn't exist	Failed to logout user who isn't exist

13. Use-Case: Set Up Shop

Positive	Calling the setup shop method and asserting it returns shop	Valid member and correct info to set up a shop	The shop set up and the member set to be it's founder
Negative	Calling the setup shop method and asserting it went wrong	Not existing member tries to set up a shop	Only logged in member can set up a shop

14.1. Use-Case: **Stock Management (Product Addition)**

Positive	Calling the add product method and asserting it went right	Logged in user with permission to controller the stock and valid info	The product added to the stock due to the info the user entered
Negative	Calling the add product method and asserting it went wrong	Negative quantity	Failed to add Product with negative quantity
Negative	Calling the add product method and asserting it went wrong	Negative price	Failed to add Product with negative price
Negative	Calling the add product method and asserting it went wrong	User without permission	Failed to add Product the user isn't has permission

14.2. Use-Case: **Stock Management (Product Removal)**

Positive	Calling the remove product method and asserting it went right	Logged in user with permission to controller the stock and valid info	The product removed from the stock due to the info the user entered
Negative	Calling the remove product method and asserting it went wrong	Invalid productID	Failed to remove invalid product
Negative	Calling the remove product method and asserting it went wrong	Invalid shopID	Failed to remove Product from invalid shop
Negative	Calling the remove product method and asserting it went wrong	User without permission	Failed to remove Product the user isn't has permission

14.3. Use-Case: **Stock Management (Product Modification)**

Positive	Calling the update product method and asserting it went right	Logged in user with permission to controller the stock and valid info	The product updated in the stock due to the info the user entered
Negative	Calling the update product method and asserting it went wrong	Invalid productID	Failed to update invalid product
Negative	Calling the update product method and asserting it went wrong	Invalid shopID	Failed to update Product from invalid shop
Negative	Calling the update product method and asserting it went wrong	Negative quantity	Failed to update Product to negative quantity
Negative	Calling the remove product method and asserting it went wrong	User without permission	Failed to remove Product the user isn't has permission

15. Use-Case: **Appoint Shop Owner**

Positive	Shop owner already created also the user to appoint. Calling the appoint shop owner method and asserting it went right	Logged in shop owner and valid member username to appoint	The member is now owner of the shop
Negative	Calling the appoint shop owner method and asserting it went wrong	Logged in shop owner and invalid username to appoint	Failed to appoint invalid user
Negative	Calling the appoint shop owner method and asserting it went wrong	Invalid shopID	Failed to appoint shop owner to not existed shop

16. Use-Case: **Appoint Shop Manager**

Positive	Shop owner already created also the user to appoint. Calling the appoint shop manager method and asserting it went right	Logged in shop owner and valid member username to appoint	The member is now manager of the shop
Negative	Calling the appoint shop manager method and asserting it went wrong	Logged in shop owner and invalid username to appoint	Failed to appoint invalid user
Negative	Calling the appoint shop manager method and asserting it went wrong	Invalid shopID	Failed to appoint shop manager to not existed shop

18.1. Use-Case: **Add Shop Manager Permissions**

Positive	Calling the add permission method to add the get personal info permission then asserting he can use it	Valid info to add permission	The permissions added to the manager
Negative	Calling the add permission method asserting it went wrong	Invalid user to add permission to	Failed to add permission to invalid user
Negative	Calling the add permission method asserting it went wrong	Not an owner tries to give permission	Failed to add permission because the request hasn't came from an owner

18.2. Use-Case: Remove Shop Manager Permissions

Positive	Calling the remove permission method to remove the get personal info permission then asserting he can't use it	Valid info to add permission	The permissions removed from the manager
Negative	Calling the remove permission method asserting it went wrong	Trying to remove permission he didn't have	Failed to remove permission that the manager doesn't have
Negative	Calling the add permission method asserting it went wrong	Not an owner tries to remove permission	Failed to add permission because the request hasn't came from an owner

19. Use-Case: Close Shop

Positive	Calling the close shop method and asserting it went right	Logged in shop founder, valid ShopID	The shop is now closed
Negative	Calling the close shop method and asserting it went wrong	User who isn't founder	Only the shop founder can close it

20. Use-Case: Request Shop Personnel Info

Positive	Calling request shop personnel method and asserting it went right	Logged in shop owner, valid ShopID	The personnel info returned
Negative	Calling request shop personnel method and asserting it went wrong	User without permission	Failed to return personnel info without permission
Negative	Calling request shop personnel method and asserting it went wrong	Invalid shopID	Failed to return personnel info of invalid shop

21. Use-Case: **Get Shop Purchase History**

Positive	Calling the get shop purchase history and asserting it went right	Logged in shop owner, valid ShopID	The purchase history now displayed
Negative	Calling the get shop purchase history and asserting it went wrong	User without permission	Failed to return the purchase history without permission
Negative	Calling the get shop purchase history and asserting it went wrong	Invalid time interval	Failed to return the purchase history due to invalid time interval
Negative	Calling the get shop purchase history and asserting it went wrong	Invalid shopID	Failed to return the purchase history of invalid shop

22. Use-Case: Register (Admin)

Positive	Calling the register admin method and asserting it went right and then asserting login to the user went right	Correct user information	New user created in the system
Negative	Calling the register admin method and asserting it went wrong and then asserting login to the user went wrong	Invalid password	Fail to register with invalid password
Negative	Calling the register admin method and asserting it went wrong and then asserting login to the user went wrong	Invalid guest tries to register	Fail to register with invalid guest
Negative	Calling the register admin method and asserting it went wrong and then asserting login to the user went wrong	Already registered username	Fail to register with same username twice