note – any action a shop owner can do, shop founder can perform as well

- Use Case: Real-Time Notification
  1. Actor: User
  2. Precondition: The receiver of the notification must a registered user\shop. The receivers of the notification must be online
  3. Parameters: text.
  4. Actions:
     1) The user selects the receivers of the notification which can be either users or shops.
     2) In case the user selected a shop, the notification will be sent to all the relevant users associated with the shop (Shop founder, owners, relevant managers).
     3) The system will immediately present the notification to the user (receiving).
  5. Expected result: The notification will pop up for the receivers of the notification to see and review.
     a. Good Scenarios:
        i. A User sends a notification to a logged in user. The second user receives the notification and its displayed.
        ii. A User sends a notification to a shop. All the shop's relevant logged in officials receive the notification and it's displayed to them.
        iii. A User sends a notification to a user who is not logged in. The second user does receive the notification.
        iv. A User sends a notification with no text to a logged in user. The second user does not receive the notification and the system displayed an error message.
     b. Bad Scenarios:
        i. A User sends a notification to a logged in user. The second user does not receive the notification or its displayed.
        ii. A User sends a notification to a logged in user. The notification was sent to an unknown third user.
        iii. The user was able to send a notification with no text.
        iv. The user sends a notification to a shop. It is not received by any of the shop's officials.

- Use Case: Change shop manager's permissions.
    1. Actor: Shop Owner.
    2. Precondition: Both the actor and the shop manger must be associated with the same store. Permissions must be valid.
    3. Parameters: New permissions.
    4. Actions:
        1) The actor selects a manager which he'd like to change his permissions.
        2) The system will present the actor to permissions options he has to choose from.
        3) The shop owner selects the new permissions for the shop manager.
    5. Expected result: The selected manger's permission will be changed effective immediately.
        a. Good Scenarios:
            i. The changes the shop owner made for the shop manager's permissions are changed accordingly and recognized by the system.
            ii. The shop owner removed all permissions from the shop manager. He is still a shop manager with no permissions.
        b. Bad Scenarios:
            i. The changes the shop owner made were applied to all the shop managers of the store.
            ii. The system does not recognize the new changes of the permissions.

- Use Case: Request information on officials of the shop.
    1. Actor: Shop Owner
    2. Precondition: The shop owner and the officials must be associated with the same shop.
    3. Parameters: Shop officials.
    4. Actions:
        1) The shop owner selects which official's information he'd like to see.
    5. Expected result: The system will display the relevant information of the selected shop's officials.
        a. Good Scenarios:
            i. The system displays the correct information of the selected officials.
            ii. The system displays nothing if no official was selected.
        b. Bad Scenarios:
            i. The system displayed sensitive information or information which was not supposed to be displayed (such as ID or PW).
            ii. The system does not display the selected official's information.

- Use Case: Close shop
  1. Actor: Shop Founder.
  2. Precondition: The shop owner must be associated with the given shop. Shop must be open.
  3. Parameters: none.
  4. Actions:
     1) The shop owner selects the option to close the store.
     2) Real-Time notification action will start.
     3) Delayed notification action will start **(not in version 0).**
  5. Expected result: The shop, it's information, products and any other information will be unavailable to all the users except for the shop's founder, owners, managers and the system managers.
     a. Good Scenarios:
        i. Shop owner requests to close his shop. The system does not display the shop, it's products and its information to other users except for the shop's officials and the system managers.
        ii. A user searches for a closed shop. The system does not display the shop.
        iii. A user search for a product which is sold by a closed shop. The system does not display the closed shop sells that product.
     b. Bad Scenarios:
        i. The system managers and the shop's officials are not able to access the closed shop.
        ii. A user searches for a closed shop. The system displays the shop.
        iii. The products of the closed shop are displayed upon search.
        iv. Upon closing the shop, the shop remains open.
        v. No notifications were sent to the store's officials upon closing the shop.

- Use Case: Request information of shop's sales history.
    1. Actor: Shop Owner.
    2. Precondition: The shop owner must be associated with the shop.
    3. Parameters: Date, product, price (Also may be none, in which case will display all).
    4. Actions:
        1) The shop owner requests the system to display the shop's sales history, filtered by given parameters or no parameters at all.
    5. Expected result: The system will display the sale's history.
        a. Good Scenarios:
            i. The system displays the shop's sales history accordingly to the given filter.
            ii. The system displays sales of products which are not in the shop's inventory anymore when requested to.
        b. Bad Scenarios:
            i. The System deletes or ignores sales of products which are removed from the shop's inventory and will not display it upon request.
            ii. The system does not display the requested filtered sales.
            iii. The system display all sales in all shops with similar products.