CS387-Testing

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Functional Testing:

- Register Customer:
    - Success: If the user selects a username that is unused, provides a valid password, email id, name, phone number.
    - Fail: If the user uses an already existing username or if he uses an invalid or empty password, email, phone number.
- Logging in to the system:
    - Success: email id, username should be available in the role appropriate database and correct password should be provided.
    - Fail: Password is wrong or if the user is not registered for the specific role.
- Table-booking:
    - Success: If the table_id is free for the selected slot.
    - Fail: If the table_id is not available(busy) for that slot.
- Take-out:
    - Success: If a delivery person is available for that address and is free then the orders will be successful.
    - Fail: If a delivery person for that area is not available.
- Reviews:
    - Success: Review should be a number between 0-5
    - Fail: If an irrelevant input(string or number>5 or number <0) is provided
- Register Employee:
    - Success: If the user selects a username that is unused, provides a valid password, email id, name, phone number.
    - Fail: If the user uses an already existing username or if he uses an invalid or empty password, email, phone number.
- Fire Employe:
    - Success: user_name, email_id present in the role-appropriate table and the firing person has delete permission on the respective relation in the database.
    - Fail: If user_name, email_id not present in the role-appropriate table.
- Assign waiter to a table:
    - Always succeeds with assigning a waiter to a table.

- View Assigned Orders:
  - Always succeeds as the person viewing this page would already be a valid Attendant logged in.
- Mark order delivered:
  - Success: If the user himself has made the order and he provides a valid rating(number between 0-5)
  - Fail: Invalid rating provided or the order is not made by the user.
- Update stock:
  - Success: If the stock_id is present in the table and the person updating has update permission on the table (Ex: Chef, manager would have them).
  - Fail: If the stock_id is absent.
- View stock:
  - Success: Succeeds if the role is Chef or Manager.
  - Fail: If the role is Chef or Manager.
- View Employee Rating:
  - Succes: If role is manager
  - Fail: If role is not manager
- View Monthly Sales:
  - Success: If role is manager
  - Fail: If role is not manager
- View most active days of the Week:
  - Success: If role is manager
  - Fail: If role is not manager
- View Menu:
  - Always succeeds
- Create new bill:
  - Success: If role is manager
  - Fail: Otherwise