Stock Register

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Key features of the project

- This is a software to manage a general store.
- There are total 50 goods available in this store, their quantity and price are already given.
- If you order goods with quantity more than the available stock, then those are ordered to supplier and given to customer later on when received from supplier.
- Supplier ha no limitation in stock.
- There are fixed customers.
- The customer balance is initialized with Rs.10,000.
- The balance of customer is insufficient of the order then customer can add his/her balance

List of use cases

- Login page
- Homepage
- Purchasing goods not in stock
- Delivering Goods
- Logout

Structure of the database/ file system

- Stock Register:- It consists a list of all goods available in the store with their respective prices and quantities.
- Customer :- There is username and password for the customer and there is also customer balance.
- Store :- There is a balance for the store, It is updated every time when the transactions are made.

Things that could not be implemented

- Registering of the new customer could not be implemented.
- When the customer balance is less than the amount to be paid, then after adding sufficient balance, the customer cannot make the final payment directly and with the updated balance he had to start the shopping from the first.
- New category of goods cannot be added.

Statistics of unit and system testing

- We first did unit testing, that is tested each function then did system testing.
- We have not used any automated tools.
- 3 test cases are missed which are Update t_id, show_balance(payment_portal), show_balance(customer).
- Unit and System testing helped in finding Flaws in the software

Conference Registration Management System

List of Use cases tested

> Register
> Login
> Change Password
> Create Conference: for Admin
> Update Conference Details: for Admin
> Make Super User: for Admin
> Remove Super User: for Admin
> Remove User: for Admin
> Register for a conference
> Make Payment: for Normal User

Statistics of the test cases

- 10 functions are tested:-
  - Register
  - Login
  - Change Password
  - Create Conference: for Admin
  - Update Conference Details: for Admin
  - Make Super User: for Admin
  - Remove Super User: for Admin
  - Remove User: for Admin
  - Register for a conference
  - Make Payment: for Normal User
- All the functions were correct out these 3 functions had some errors.
  - Update Conference Details: for Admin
  - Remove Super User: for Admin
  - Make Payment: for Normal User

- Any problem that you wanted to highlight that the dev team has missed
  - Update Conference Details: for Admin :- Seat availability is not getting updated.
  - Remove Super User: for Admin :- Last admin is able to revoke his admin status .
  - Make Payment: for Normal User :- Program failure if input other than integer is given when asked for the conference for which payment has to be done.

Conclusion

- SRS helps a lot in maintaining the consistency during development.
- Cross testing helped to find test cases which development team missed.
- We learned to make Use case ,Activity, Sequence and Class diagrams.
- Unit and System testing helped to find errors which were difficult to find.
- We Learned file handling.

Thank you