PAF-Karachi Institute of Economics & Technology
(The Center of Excellence)
College of Computing and Information Sciences
Software Engineering Course Project Proposal Form

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Project Title:_ [Stock Management System] _

1. Motivation:

The motivation should clearly specify why this project is being made

It this system admin can add , update and remove the brand's information. In product section , the admin can add the product information and manage the stock. In order section , the application wii manage the stock of the product and generates the total amount of payment to be pay by the client. The application can also generates the orders report on base on the month you select.

2. Functional Features

Specify the features of your project which would make it significant for the evaluators.

1. *If you are designing a project, which is in common use then you should specify those features which are making your project distinctive/unique in comparison with the existing ones "Totally a professional concept of implementing a CRUD based Product".*
2. *Indicate the utilization/benefits of your project "Will demonstrate implemention of all engineering activities expected under different pahses of SDLC on Product Development".*

System Features

Inventory Management System will help businesses to manage their products stock and will also help them in order of their products

Stock Management

Description and Priority

User will be able to add and maintain products and keep track of product pieces available in their warehouse which will help them in purchasing their products on time.

Stimulus/Response Sequences

User will login first then he will add brand and category first and then he will add features, prices and stock of product.

Functional Requirements

- *User should have valid username and password to login.*

- *User should also have all details of product to add products effectively.*

Order Management

Description and Priority

User will be able to add and maintain orders and generate invoice of the orders and also track status of order which will help them in maintain their orders effectively.
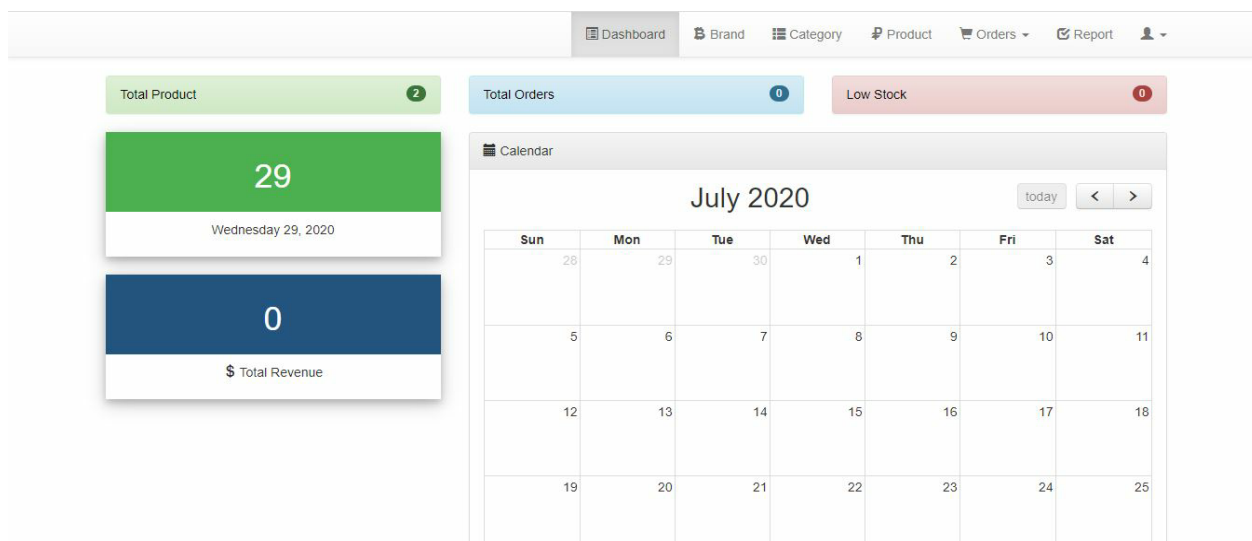
Stimulus/Response Sequences

User will login first then he will go to order page and will enter order details and generate bill invoice of order he can also track order status in order page.

Functional Requirements

- *User should have valid username and password to login.*
- *User should also have all details of order to add order effectively and generate bill invoice.*

3. *List down 5 unique but relevant Modules/Features for 5 members*
   a. *Module 1: Login Authentication (Common for all members)*
   b. *Module 2: _____ Dashboard _____*
   c. *Module 3: _____ Brand _____*
   d. *Module 4: _____ Category _____*
   e. *Module 5: _____ Product _____*
   f. *Module 6: _____ Order _____*

4. *Expected Detail of all Modules to be covered by each Member*

Member 1: Login + Dashboard

Test Case ID	1
TC Name	Login Account
Test Case Description	It will test the login process
Dependency	Database connected and does user exist?
Expected Result	Successful login and allowing to enter
Actual Result	Successfully login and continue.
Estimated Time	Maximum 2 minutes or depends on system speed
Bugs, errors	Nil

Member 2: Login + Brand

Test Case ID	1
TC Name	Login Account
Test Case Description	It will test the login process
Dependency	Database connected and does user exist?
Expected Result	Successful login and allowing to enter
Actual Result	Successfully login and continue.
Estimated Time	Maximum 2 minutes or depends on system speed
Bugs, errors	Nil

Test Case ID	3
TC Name	Brand
Test Case Description	Testing the crud of brands either they are updating, adding, creating and deleting the items or not.
Dependency	Successful login Proper connection with database
Expected Result	Successfully perform the crud of items
Actual Result	Successfully performing
Estimated Time	Maximum 2 minutes or depends on speed of system
Bugs, errors	Nil

Member 3: Login + Category

Test Case ID	1
TC Name	Login Account
Test Case Description	It will test the login process
Dependency	Database connected and does user exist?
Expected Result	Successful login and allowing to enter
Actual Result	Successfully login and continue.
Estimated Time	Maximum 2 minutes or depends on system speed
Bugs, errors	Nil

Test Case ID	5
TC Name	Category
Test Case Description	Testing the crud of category either they are updating, adding, creating and deleting the items or not.
Dependency	Successful login Proper connection with database
Expected Result	Successfully perform the crud of items
Actual Result	Successfully performing
Estimated Time	Maximum 2 minutes or depends on speed of system
Bugs, errors	Nil

Member 4: Login + Product

Test Case ID	1
TC Name	Login Account
Test Case Description	It will test the login process
Dependency	Database connected and does user exist?
Expected Result	Successful login and allowing to enter
Actual Result	Successfully login and continue.
Estimated Time	Maximum 2 minutes or depends on system speed
Bugs, errors	Nil

Test Case ID	2
TC Name	Product
Test Case Description	Testing the crud of products either they are updating, adding, creating and deleting the items or not.
Dependency	Successful login Proper connection with database
Expected Result	Successfully perform the crud of items
Actual Result	Successfully performing
Estimated Time	Maximum 2 minutes or depends on speed of system
Bugs, errors	Nil

Member 5: Login + Order

Test Case ID	1
TC Name	Login Account
Test Case Description	It will test the login process
Dependency	Database connected and does user exist?
Expected Result	Successful login and allowing to enter
Actual Result	Successfully login and continue.
Estimated Time	Maximum 2 minutes or depends on system speed
Bugs, errors	Nil

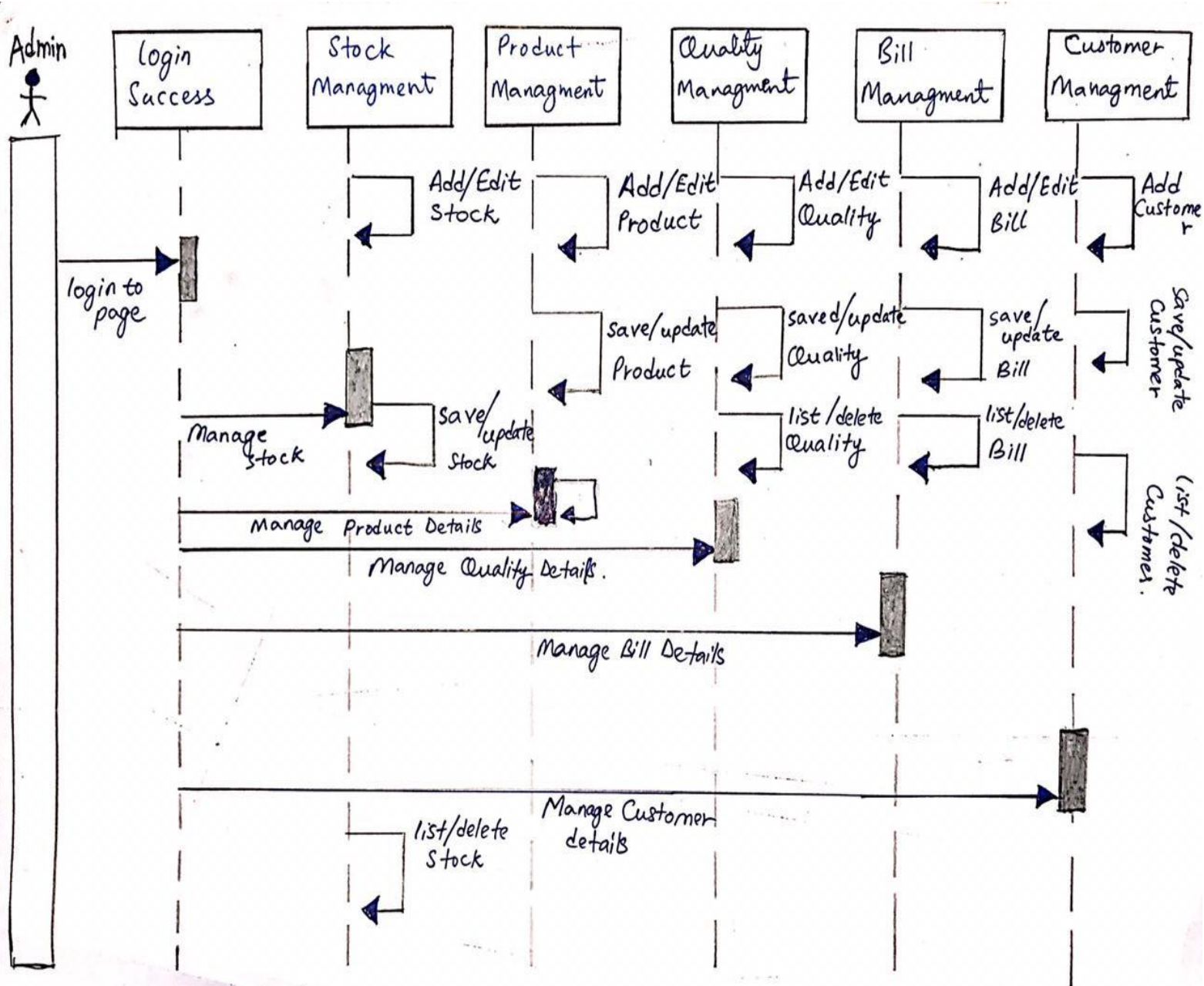| Test Case ID	4
TC Name	Order
Test Case Description	Testing the crud of orders either they are updating, adding, creating and deleting the items or not.
Dependency	Successful login Proper connection with database
Expected Result	Successfully perform the crud of items
Actual Result	Successfully performing
Estimated Time	Maximum 2 minutes or depends on speed of system
Bugs, errors	Nil

3. Project Planning

Provide a detailed schedule for the successful completion of the project using Gantt charts for this purpose. (You may attach some extra sheet)

Task Name	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9
Planning	██								
Requirement		████	████						
Designing				████	███				
Building						████	███		
Testing								███	
Deployment									███

4. Diagrammatic Representation of the Overall System

A detailed flow diagram of the overall system is needed.