

Design Document Online Skin Care Store Solved By Malik!!

In the name of Allah, the most beneficent, and the most merciful.



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To seek knowledge is the duty of every Muslim man and woman

Online Skin Care Store and Consultation

Design Document

Version 1.0



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Supervisor Name:Laraib Sana

Revision History

Date (dd/mm/yyyy)	Version	Description	Author
10/08/2022	1.0	Design Document ofOnline Skin Care Store and Consultation. Program Plan Report as “a portrayal of program created to encourage investigation, planning, execution, and decision-making”. In pith, a computer program plan record explains how a program product of a highlight will be built to meet a set of specialized requirements. Last venture design report incorporates ERD, Course chart, Database graph, Arrangement diagrams, GUI plan, Architecture chart and test cases.	Mc123456789

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1. Introduction of Design Document

The Plan Archive maps the prerequisites into design free of how these necessities will be Finish. The engineering characterizes the components, their interfacing and behaviors. In Plan Stage we change the prerequisites accumulated amid Investigation Stage into a Plan Archive that precisely depicts the plan of the system. The reason of the Plan Stage is to convert the prerequisites into total and point by point framework plan determinations once the plan is endorsed the Plan Report will serve as input to the Improvement Stage. Apparatuses and procedures utilized in this stage are recorded below:

- ER Diagram
- Sequence Diagram
- Architecture Design Diagram
- Class Diagram
- Database Design

- Interface Design
- Test Cases

Purpose of Design Document:

The most objective of a design document is to create you more viable by constraining you to think through the plan and assemble input from others. Individuals frequently think the point of a plan document is to instruct others approximately a few frame work or serve as documentation afterward on.

Activities Used in This Design Document:

There are following activities that can be used in design document. These are as follows:

I. Entity Relationship Diagram:

It is a data modeling technique for describing and representing a database in an abstract model. ERD shows or illustrates the relationship of entities in scenario. These relationships may be different kinds of. E.g., one-to-one, ono-to-many or many-to-many. An entity can be defined as a thing which is recognized as being accomplished of an independent existence and which can be uniquely identified by primary key.

II. Sequence Diagram:

It's an interaction diagram that shows how processes execute after one by one. This shows the flow of messages of actions in objects and classes taken by users. It is also called event diagram. In other words, this is a logical view of system development. The processes and objects are graphically represented by parallel vertical lines. And the horizontal lines show the messages request and response or exchange of messages.

III. Architecture Design Diagram:

Architecture Design Diagram is used to represent data in the form of layers. It contains three layers data link layer, application layer and business layer. This is a discipline structure of creating major building blocks of product.

IV. Class Diagram:

In software engineering the UML diagram represents the dependencies system's classes, their attributes, operations or methods and relationships between other classes. This is a static structure of specifying class and attributes in program and provides an overview of all system.

V. Database Design:

The logical designing technique, it is being used as the logical design of the database structures to store the data. In the relation model the data is being showed as table and rows. This comes under DDL category.

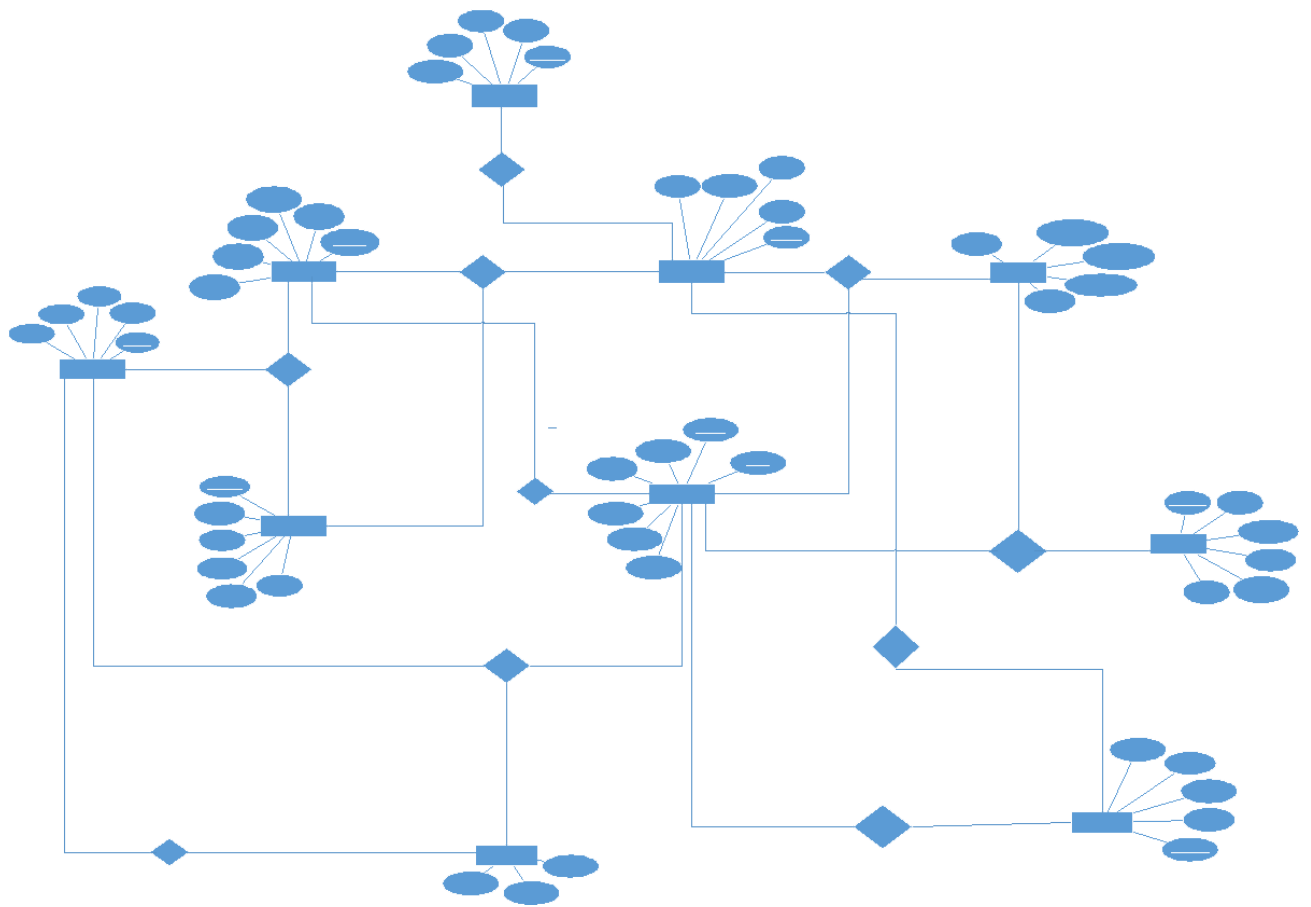
VI. Interface Design:

Interface is known as front end or GUI or UID. The visual designed interface, from where the user can interact with system easily without any complexity. In other word the goal of making UI interface is to make it user friendly. We know that back end is very complex which deals with devices and machines, if we try to use system directly, maybe we don't use as accurate manner. So that's why we use UI interface.

VII. Test cases:

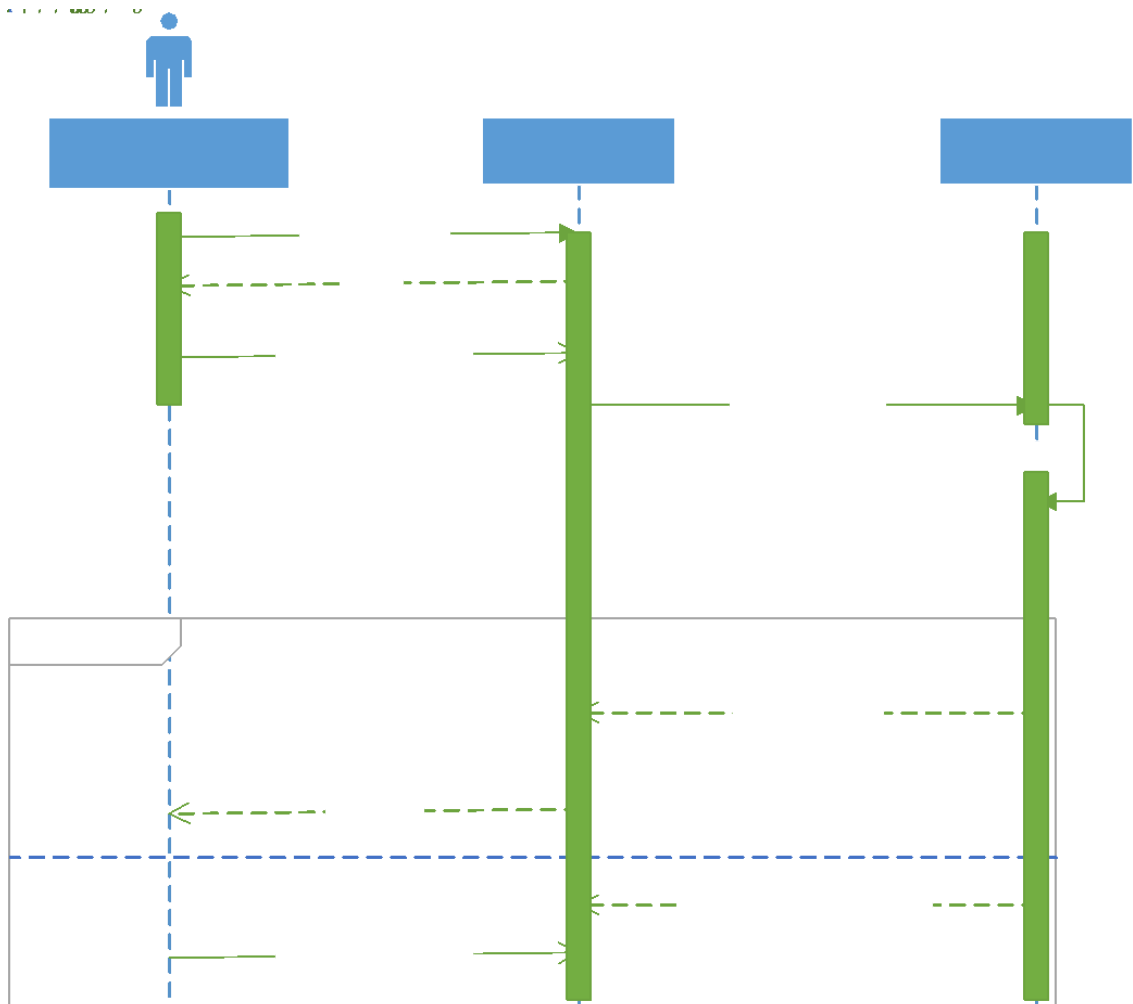
This is a set of conditions and a tool of testing features of system. It is a detailed procedure that describes and fully tests a feature or an aspect of a feature whether it is working or not. IEEE's stander 610 which defined in 1990, the test case should be predefined and the execution also should be according to this. The test case illustrates all the functionalities and features of products.

2. Entity Relationship Diagram (ERD)

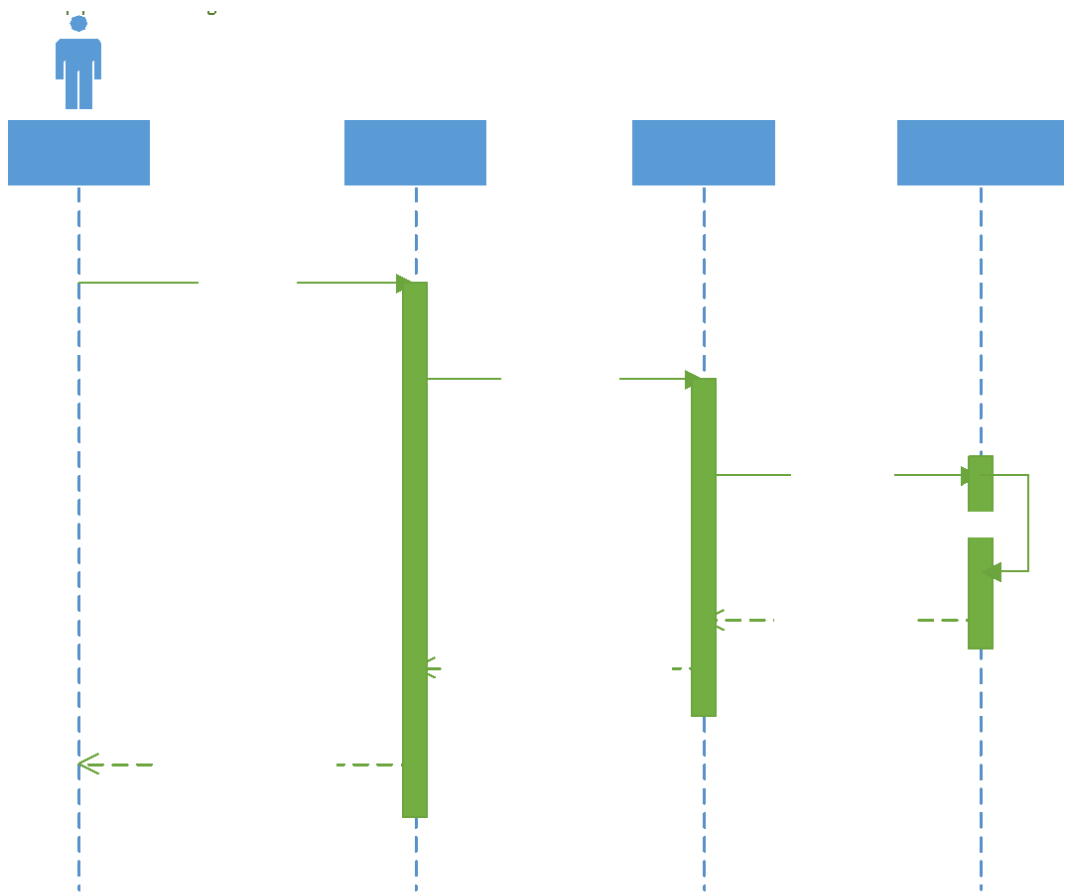


3. Sequence Diagrams

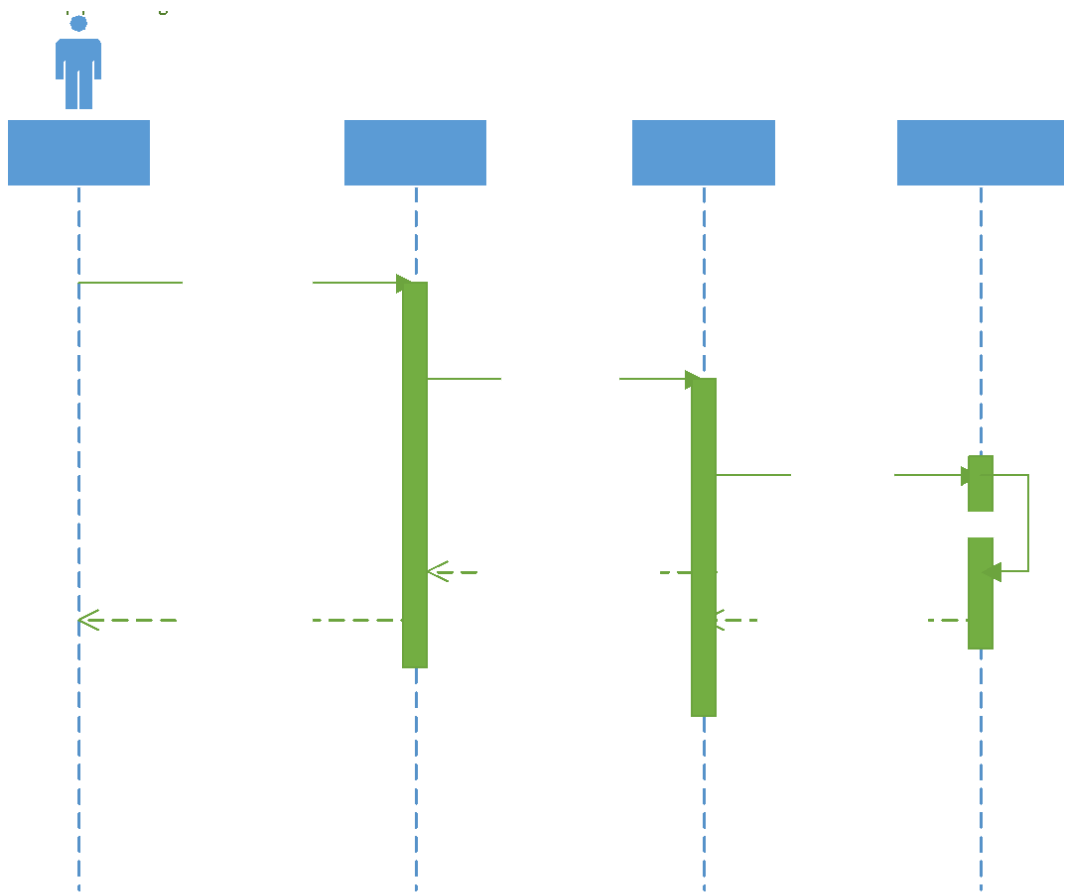
Login:



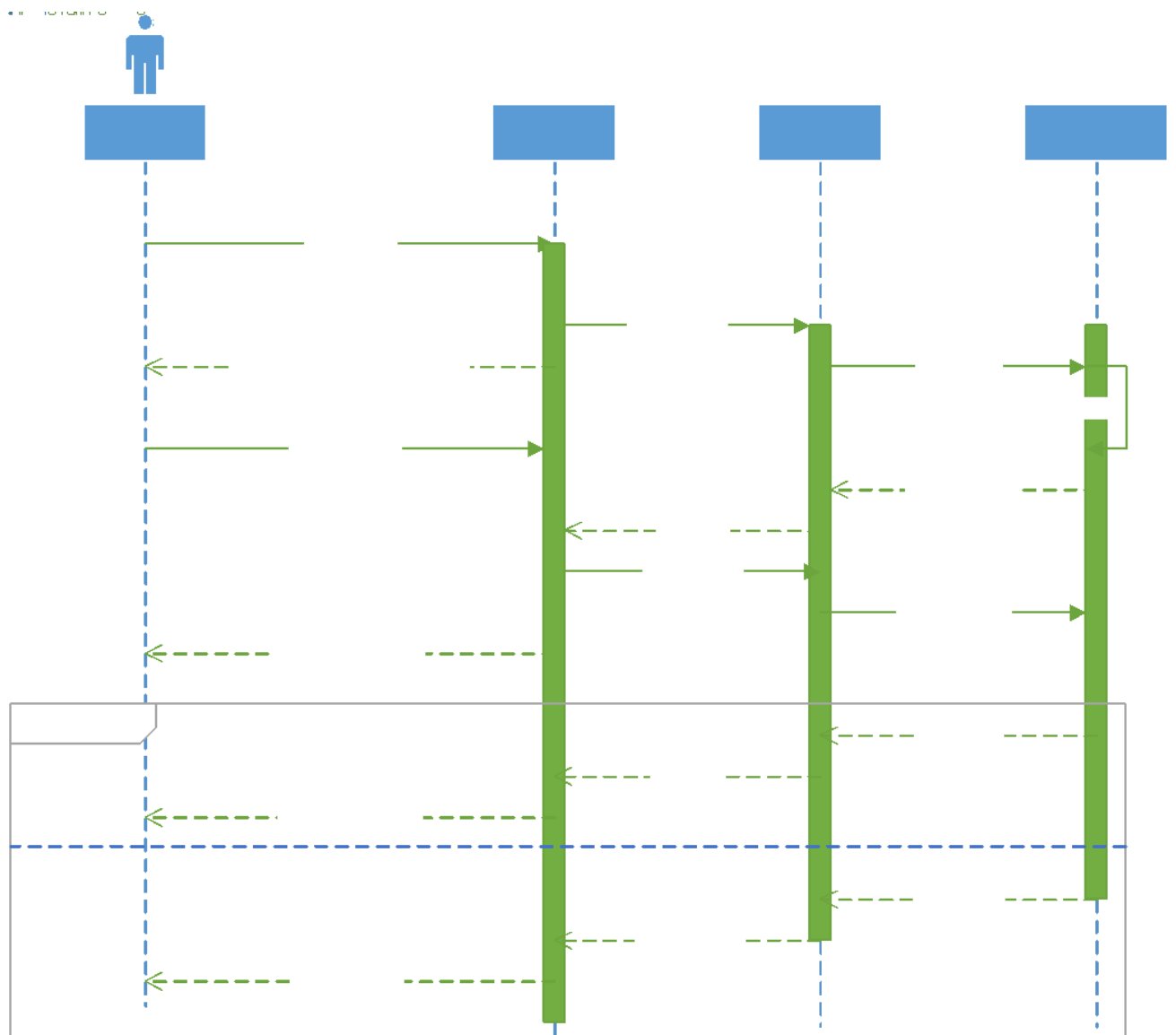
View Order:



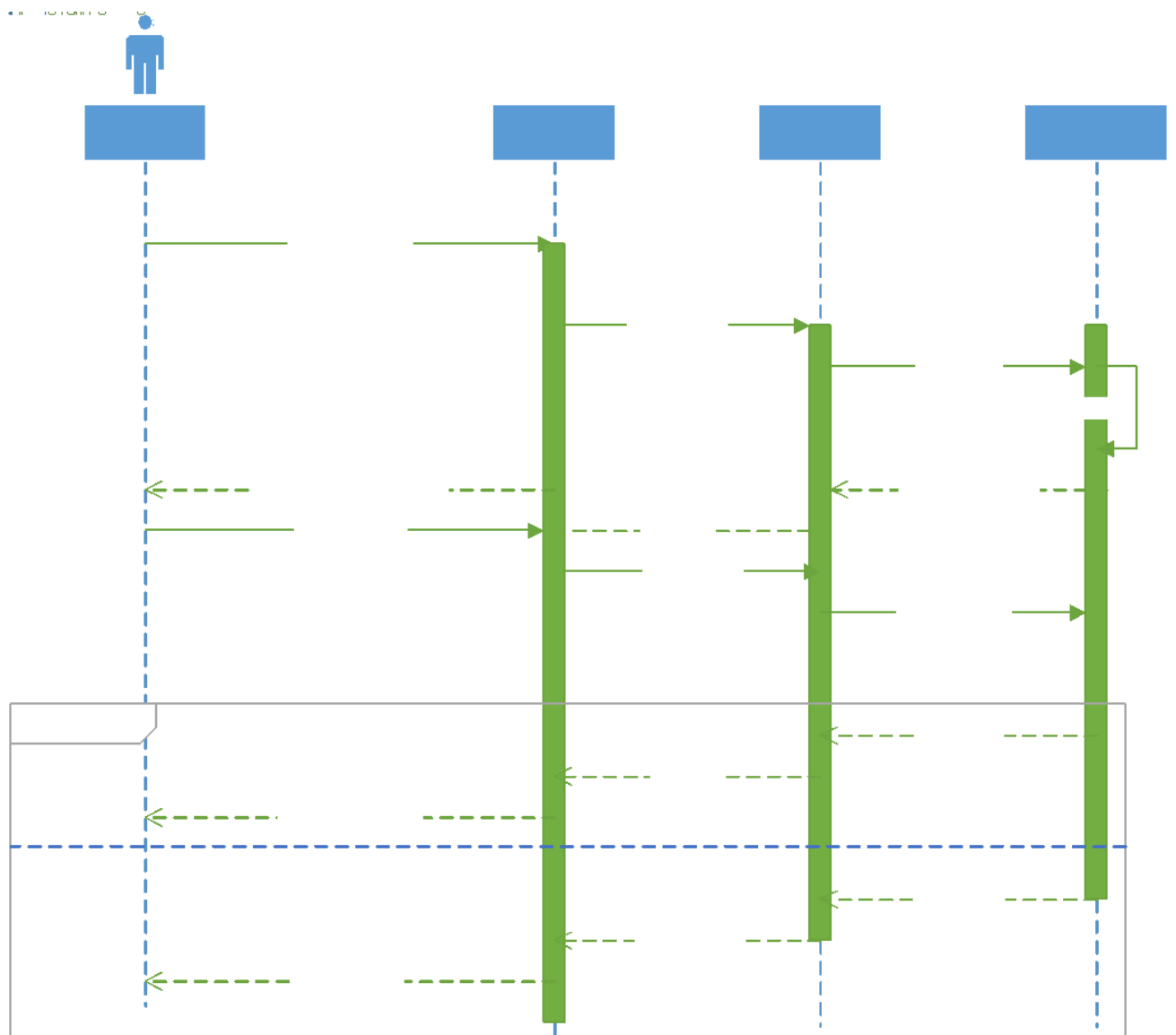
View Feedback:



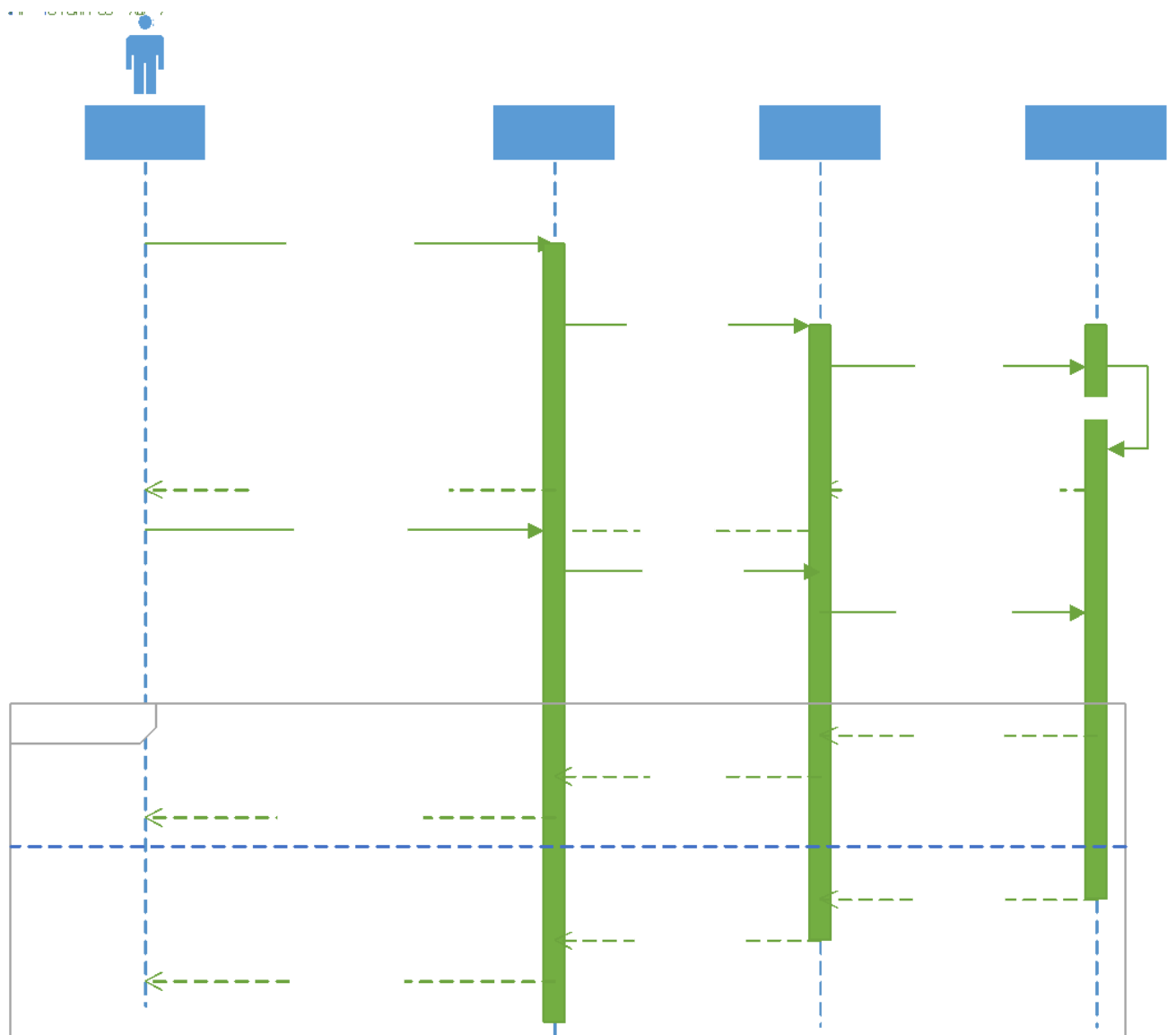
Manage User:



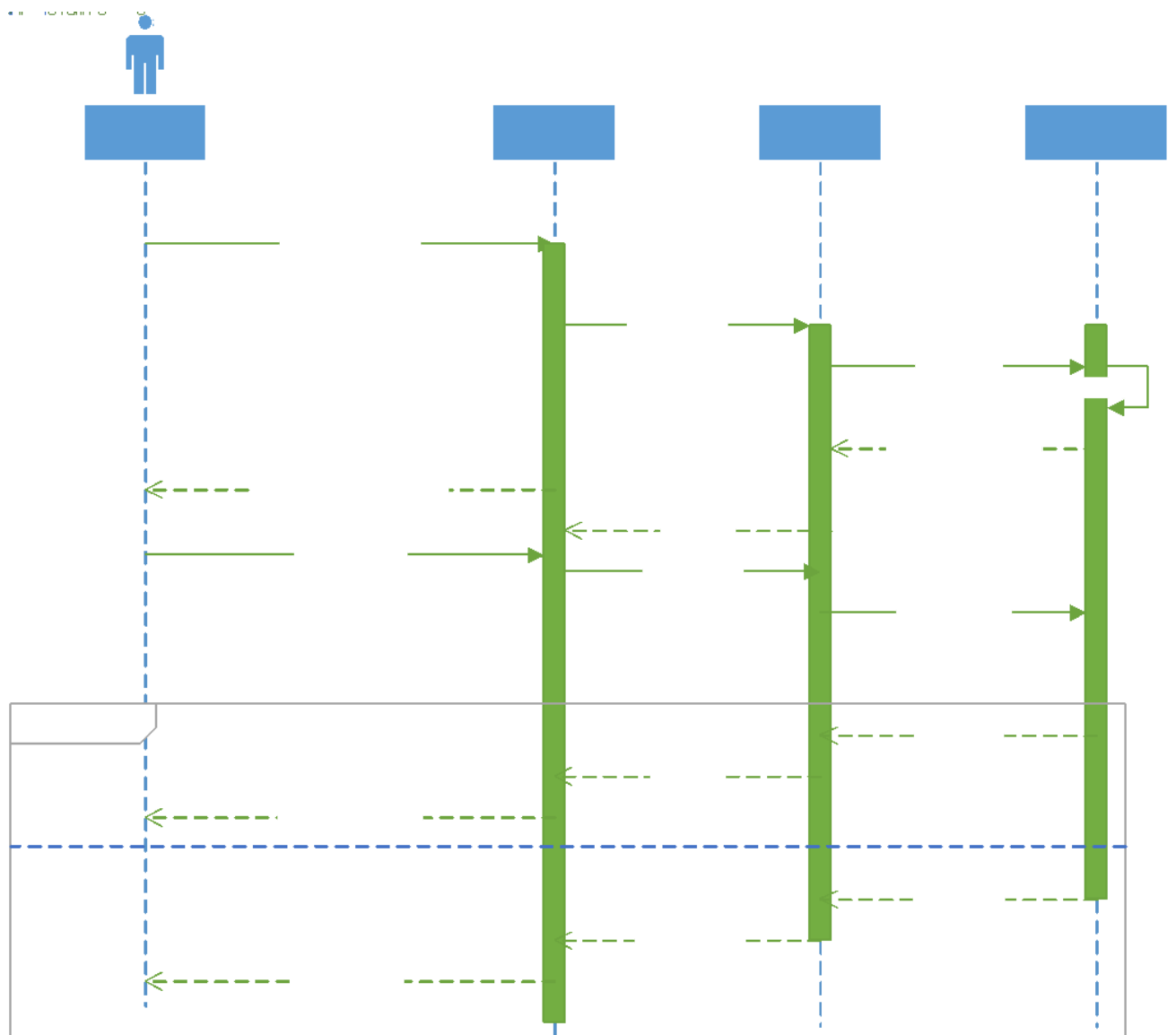
Manage Products:



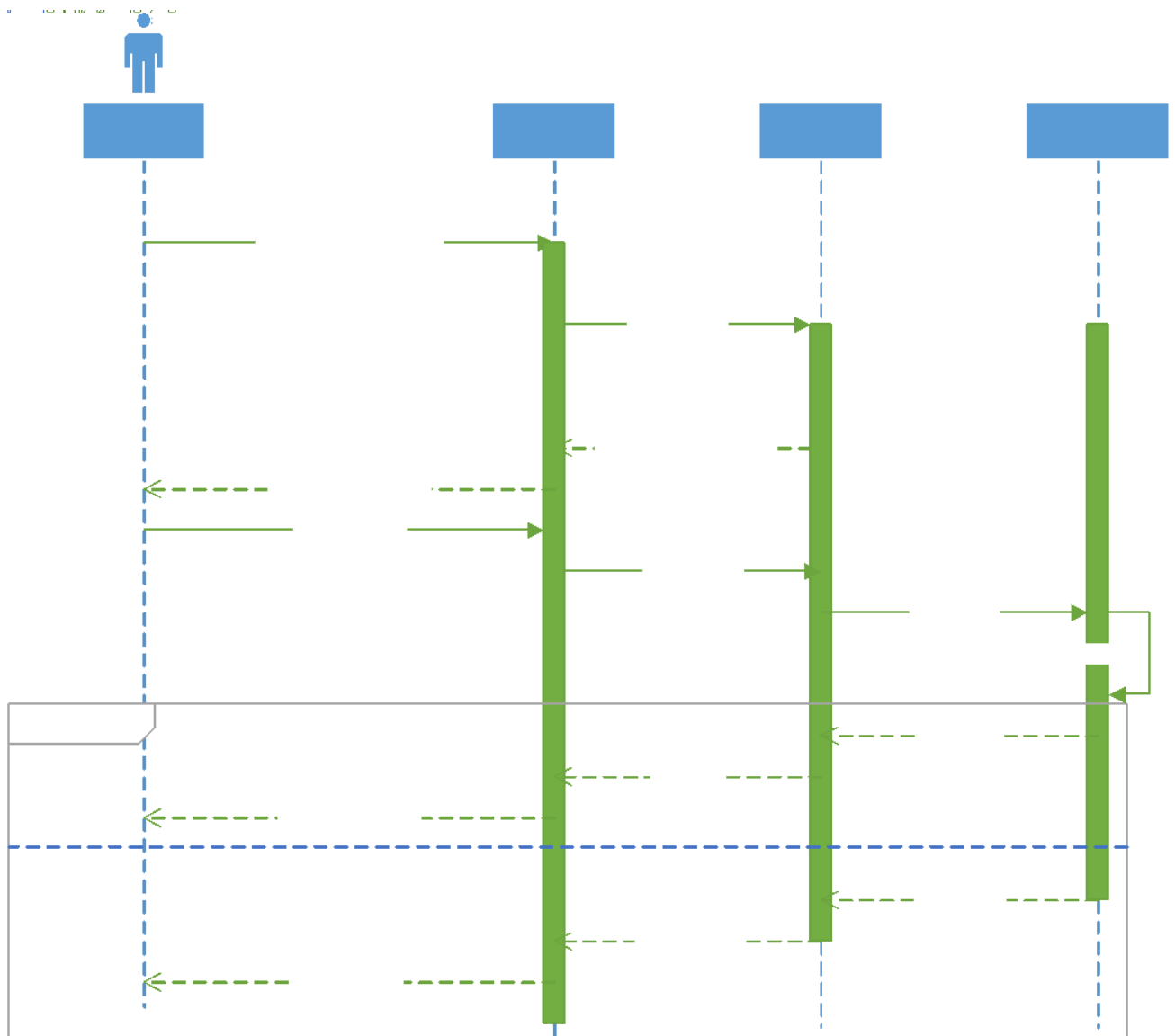
Manage Product Category:



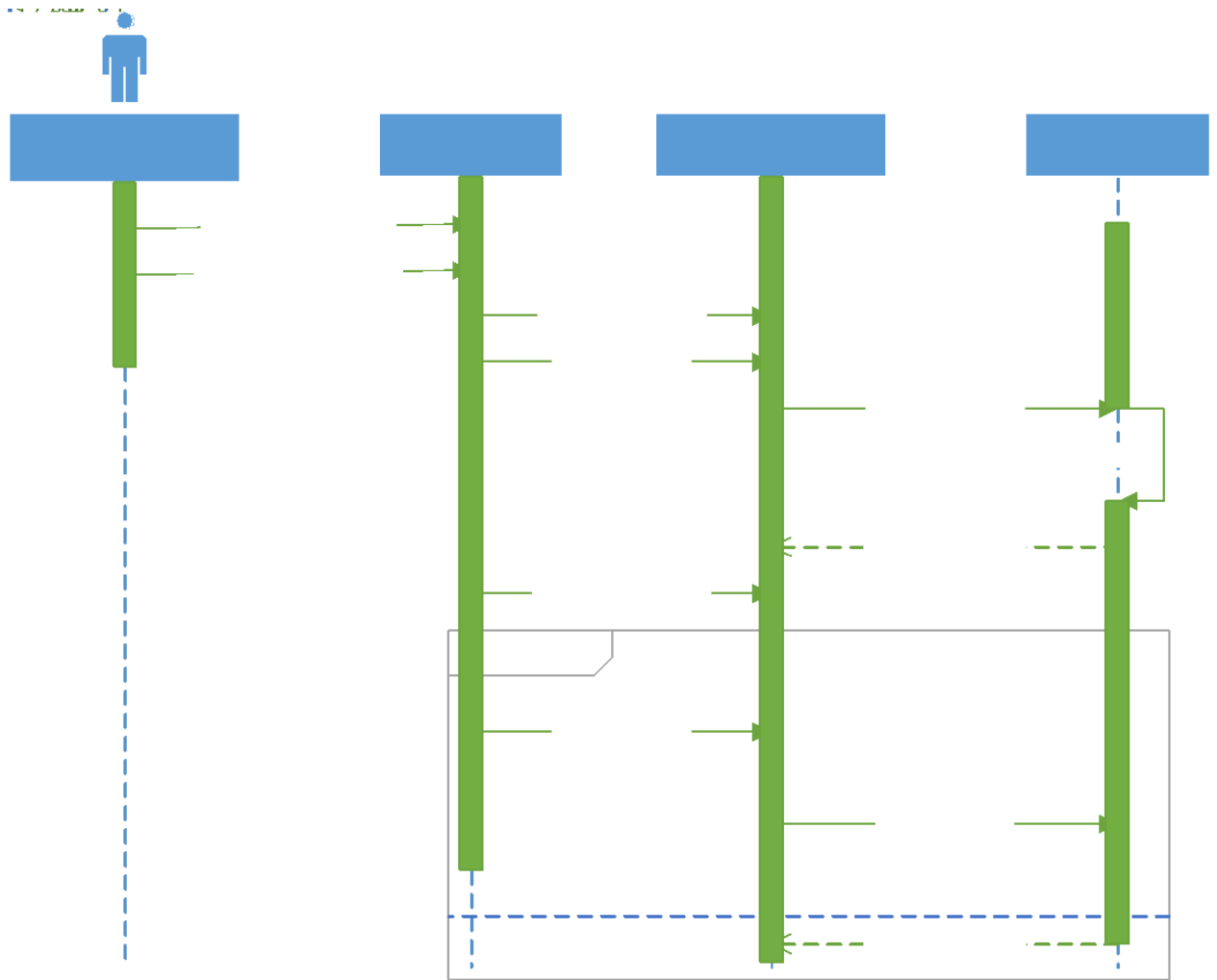
Manage Consultant:



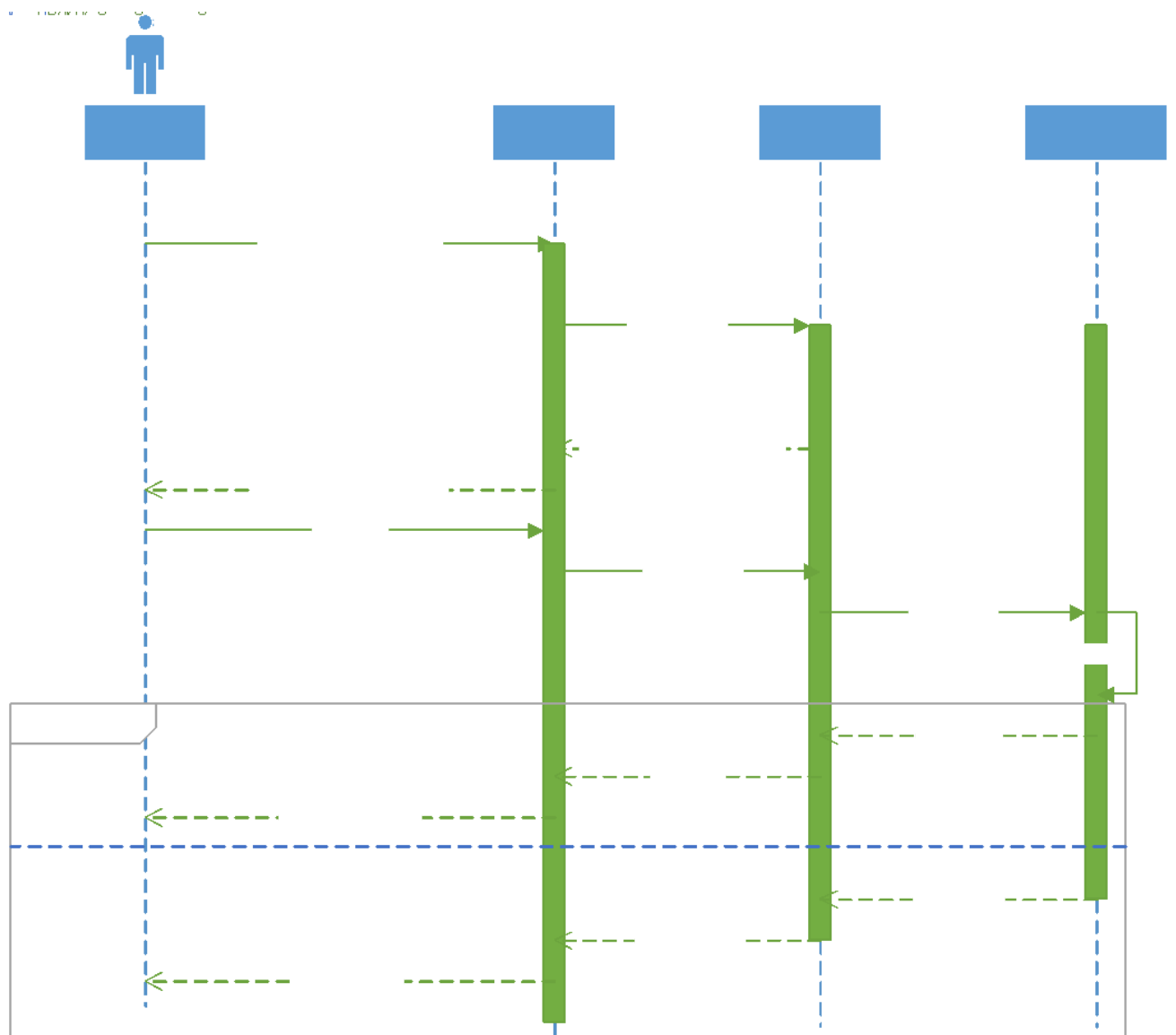
Generate Report:



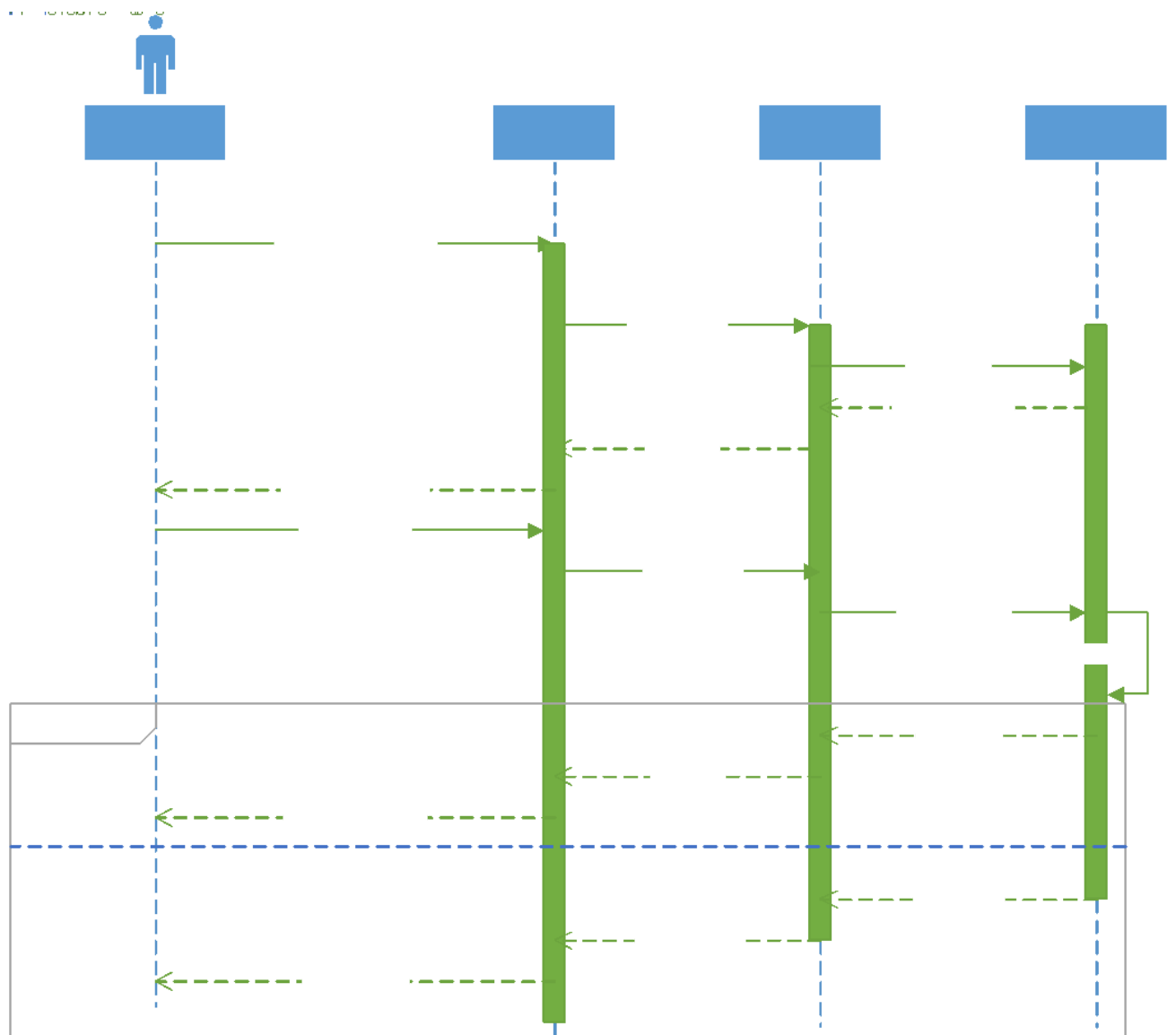
Registered:



Select Payment User:

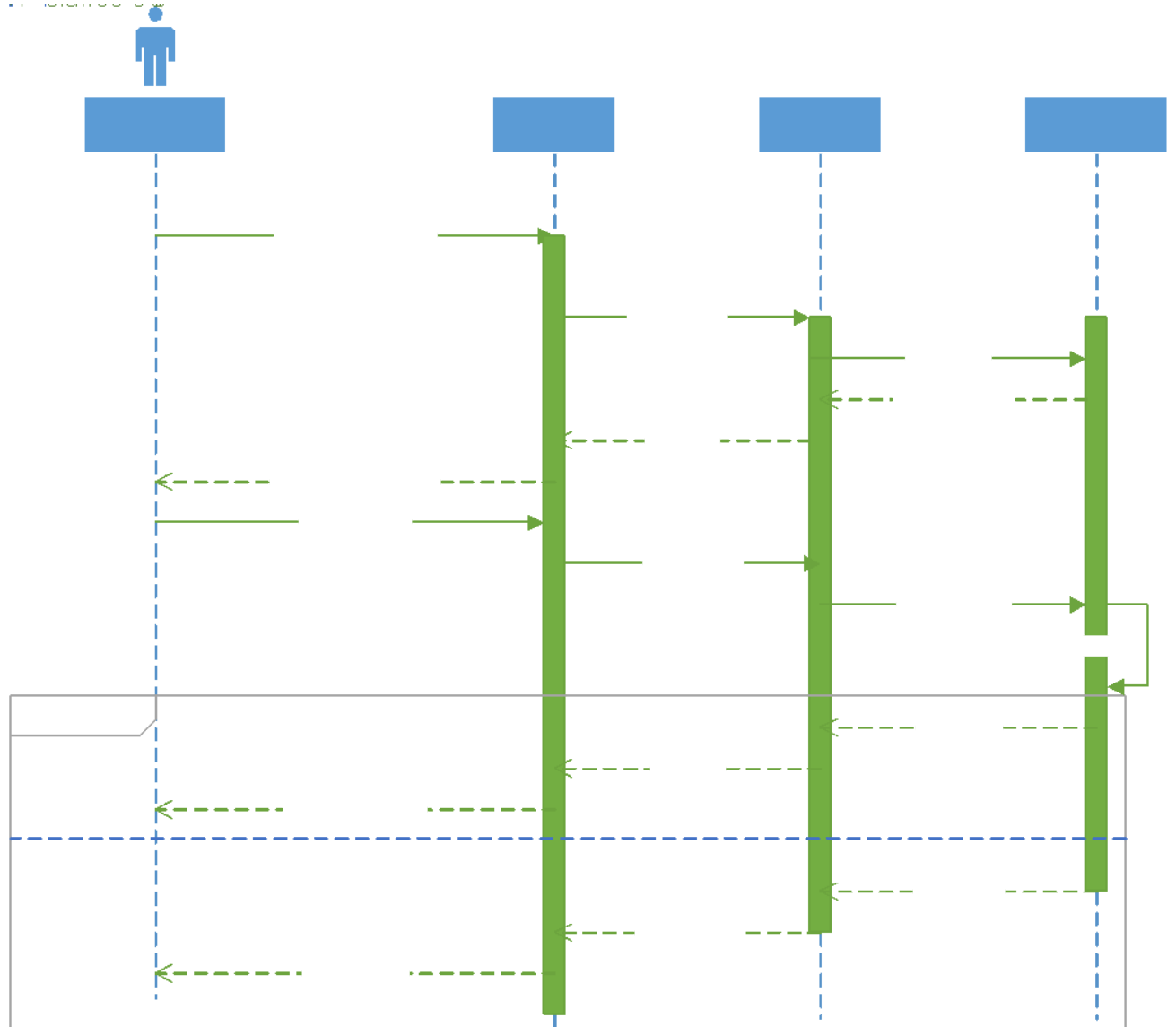


View User Message:

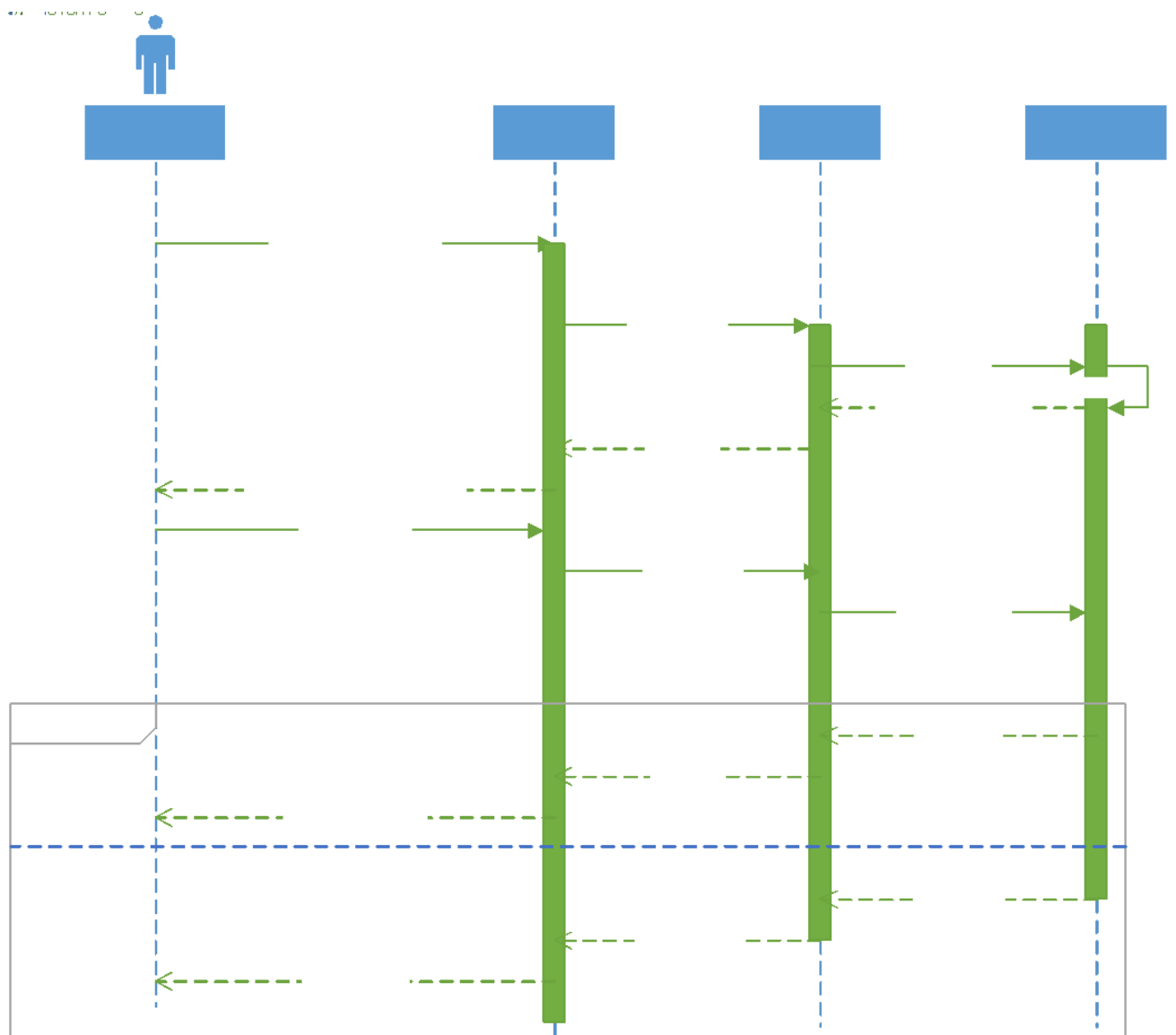


Answer User Message:

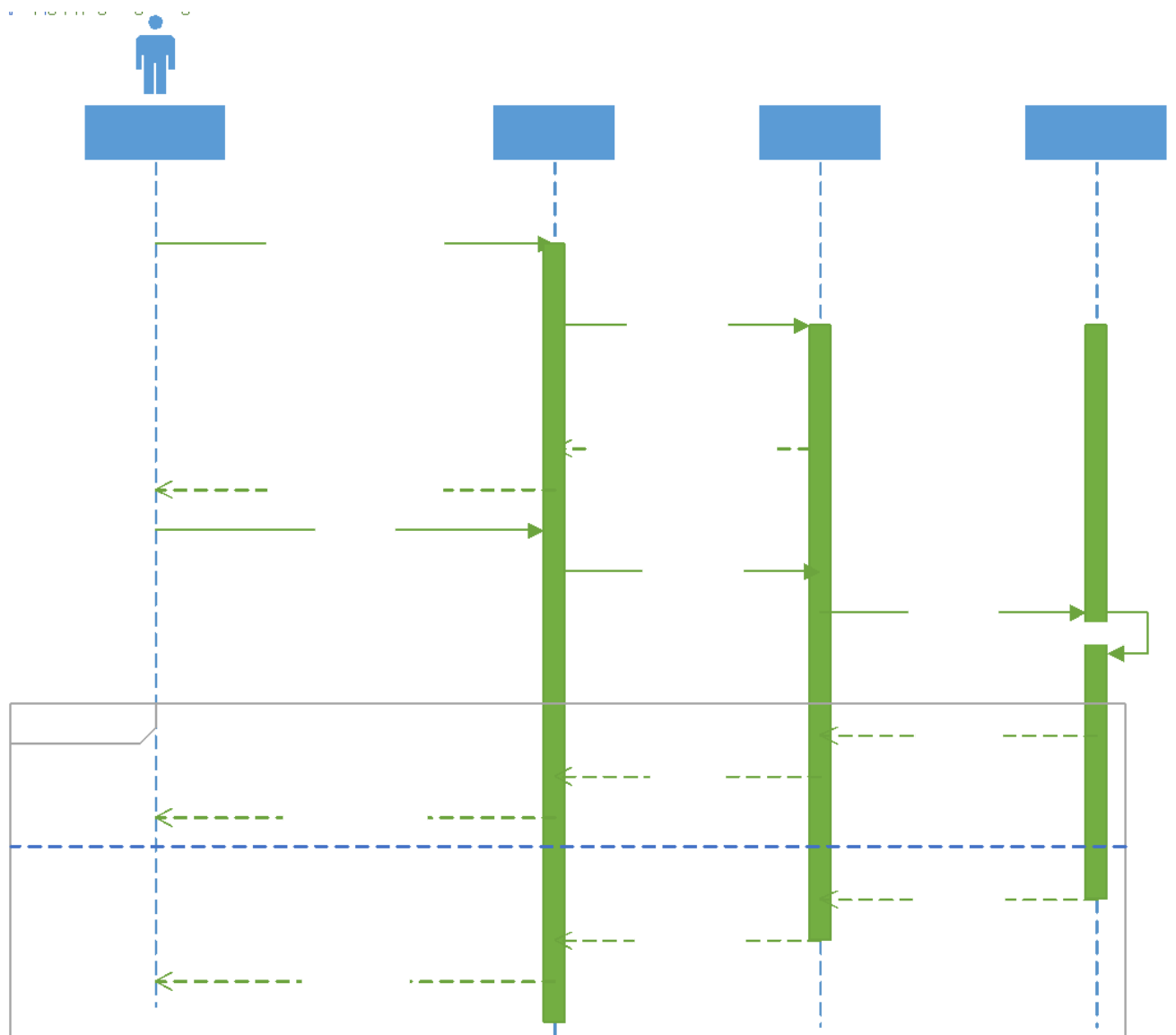
• **Sequence Diagram**



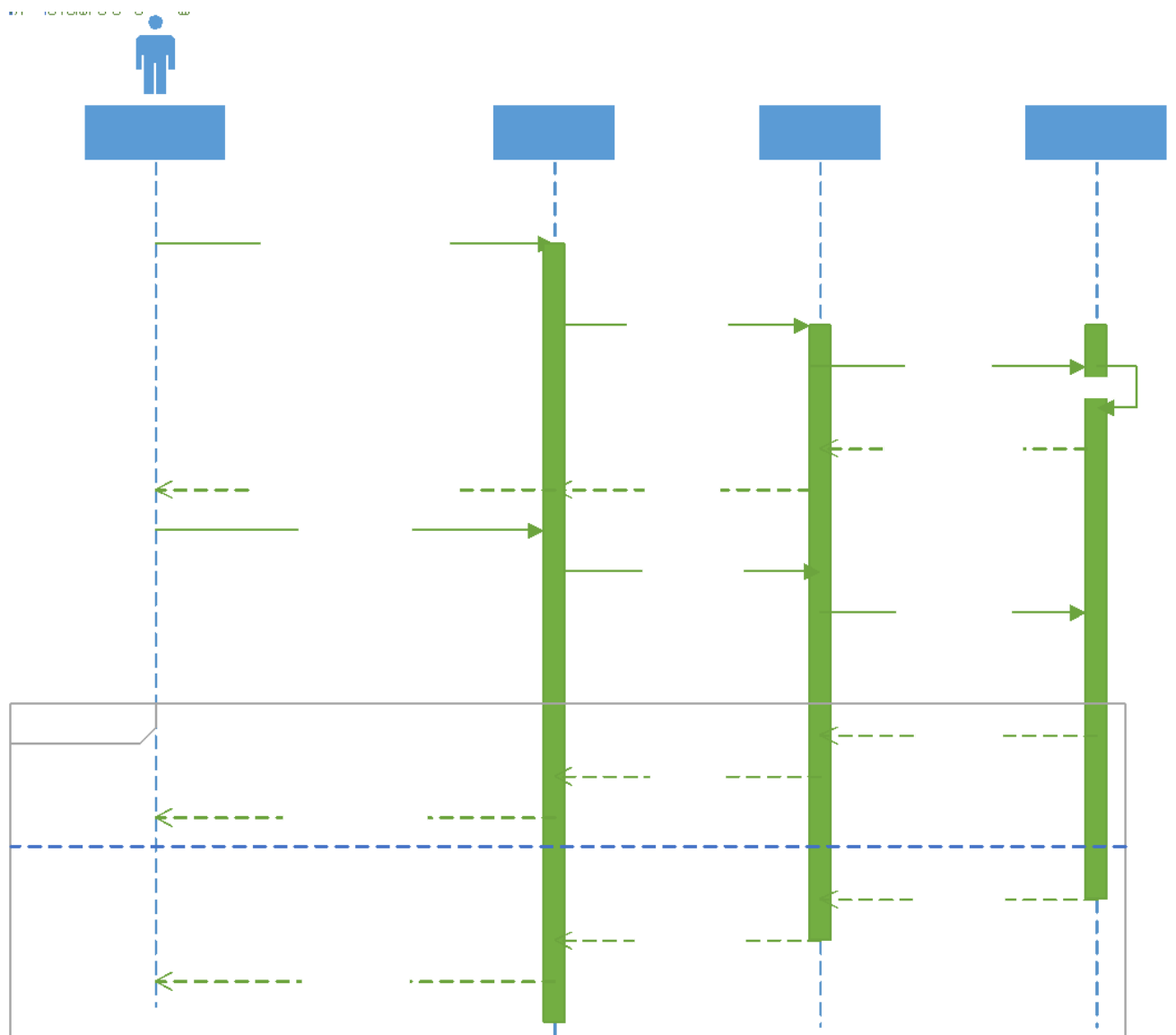
Search Products:



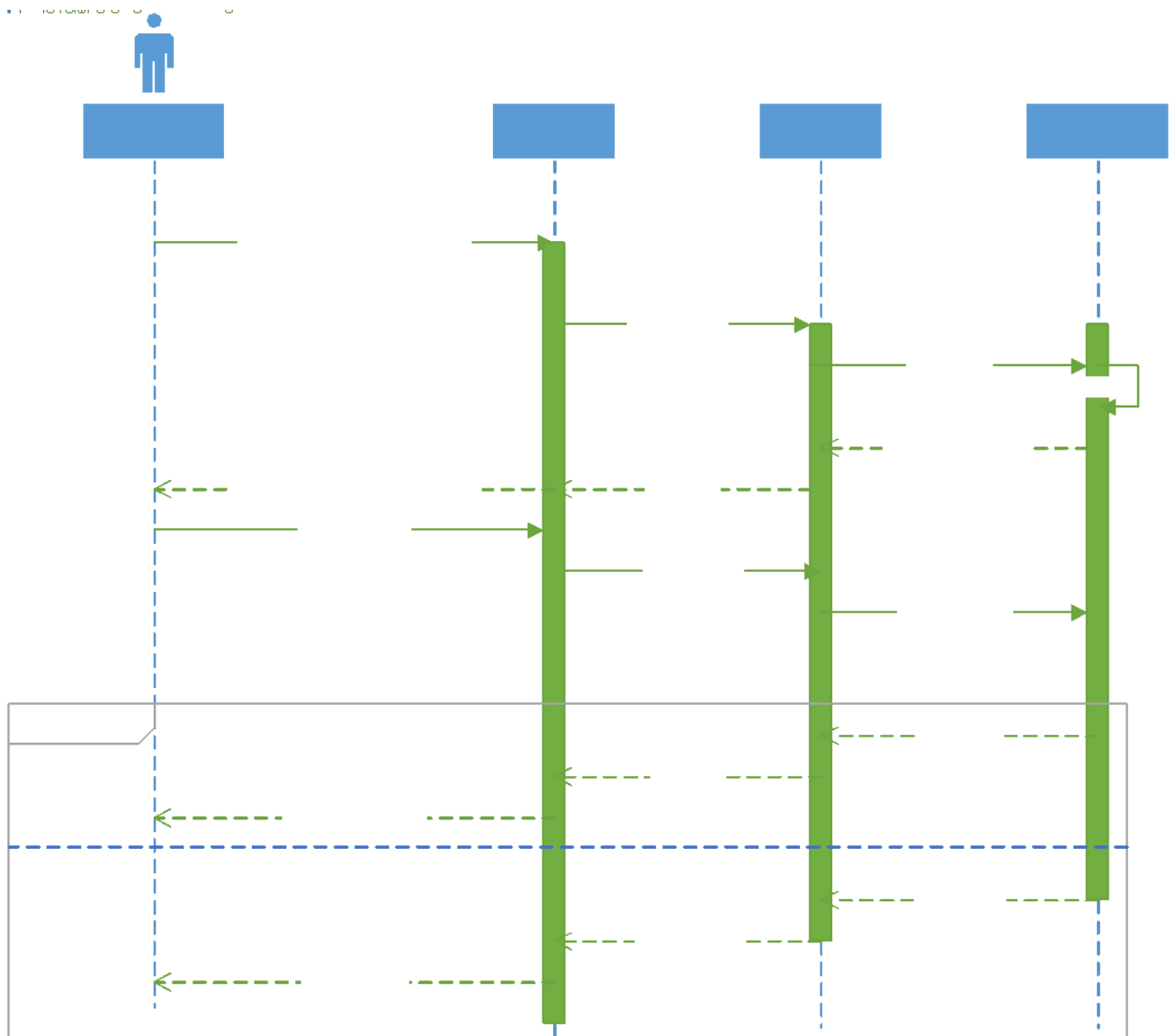
Personal Details:



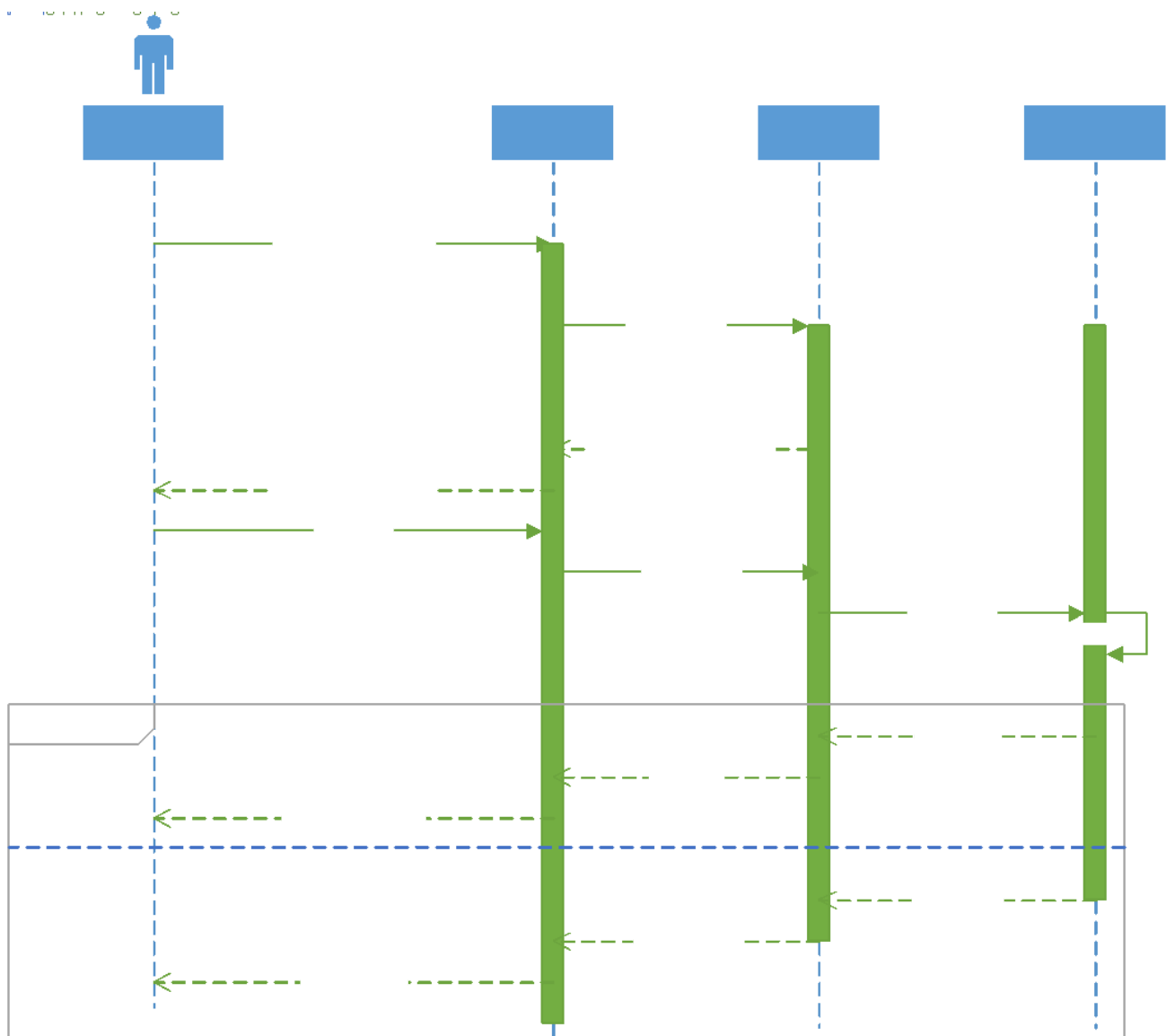
Manage Message:



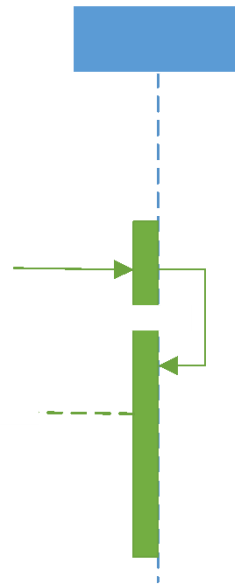
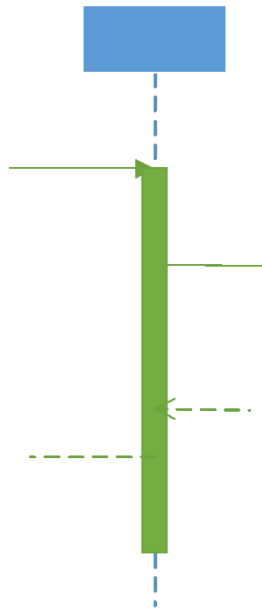
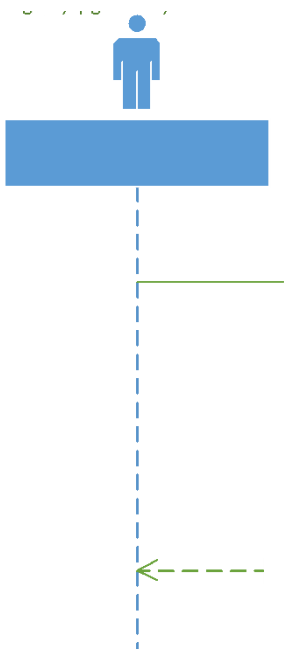
Manage Others Message:



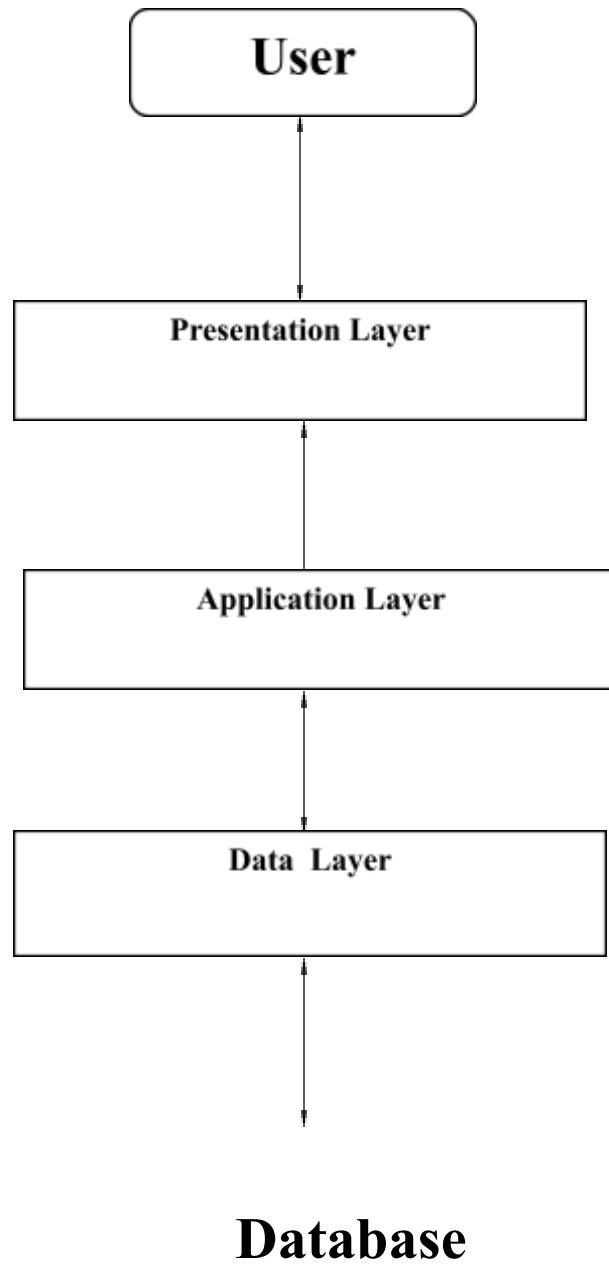
Add Feedback:



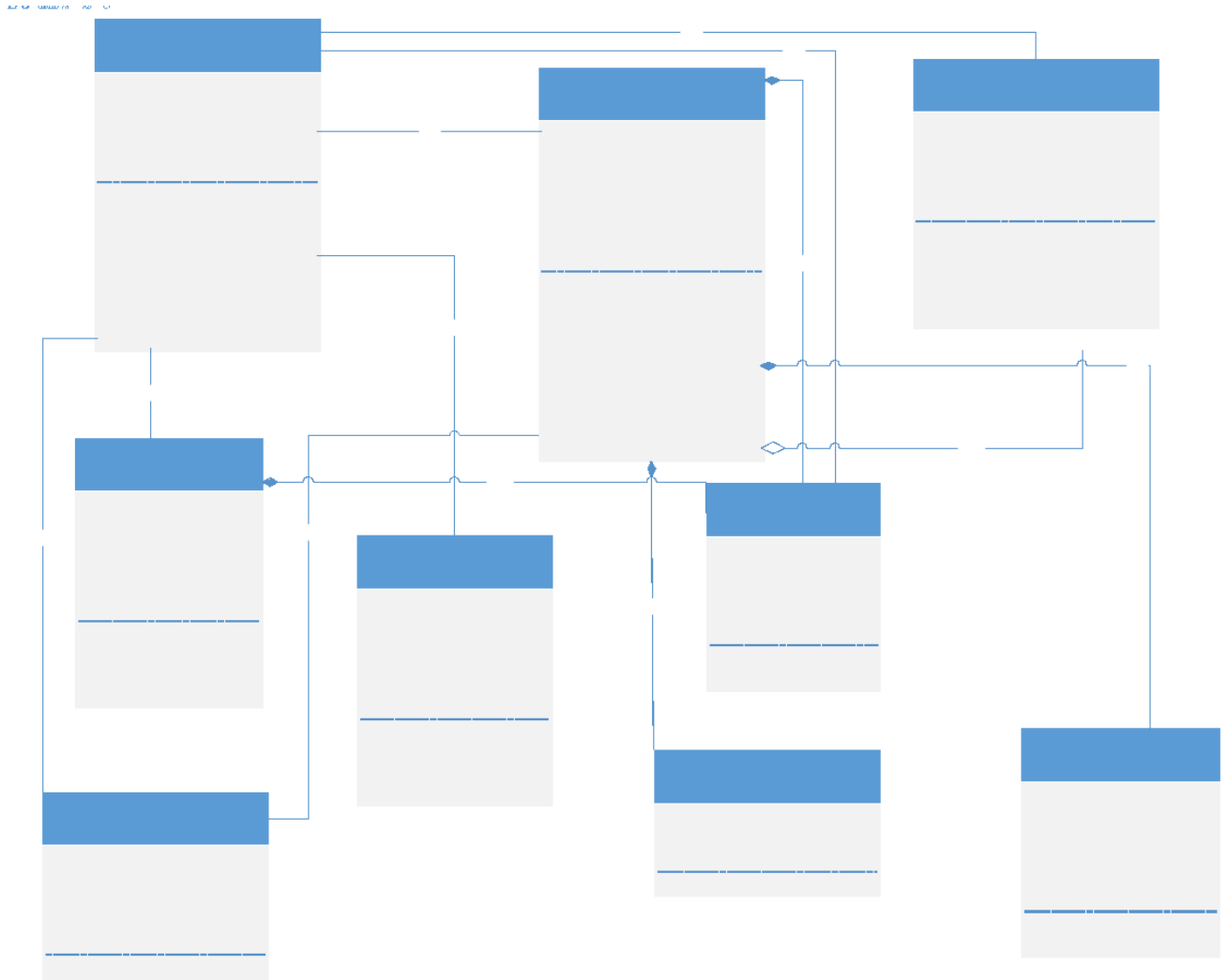
Logout:



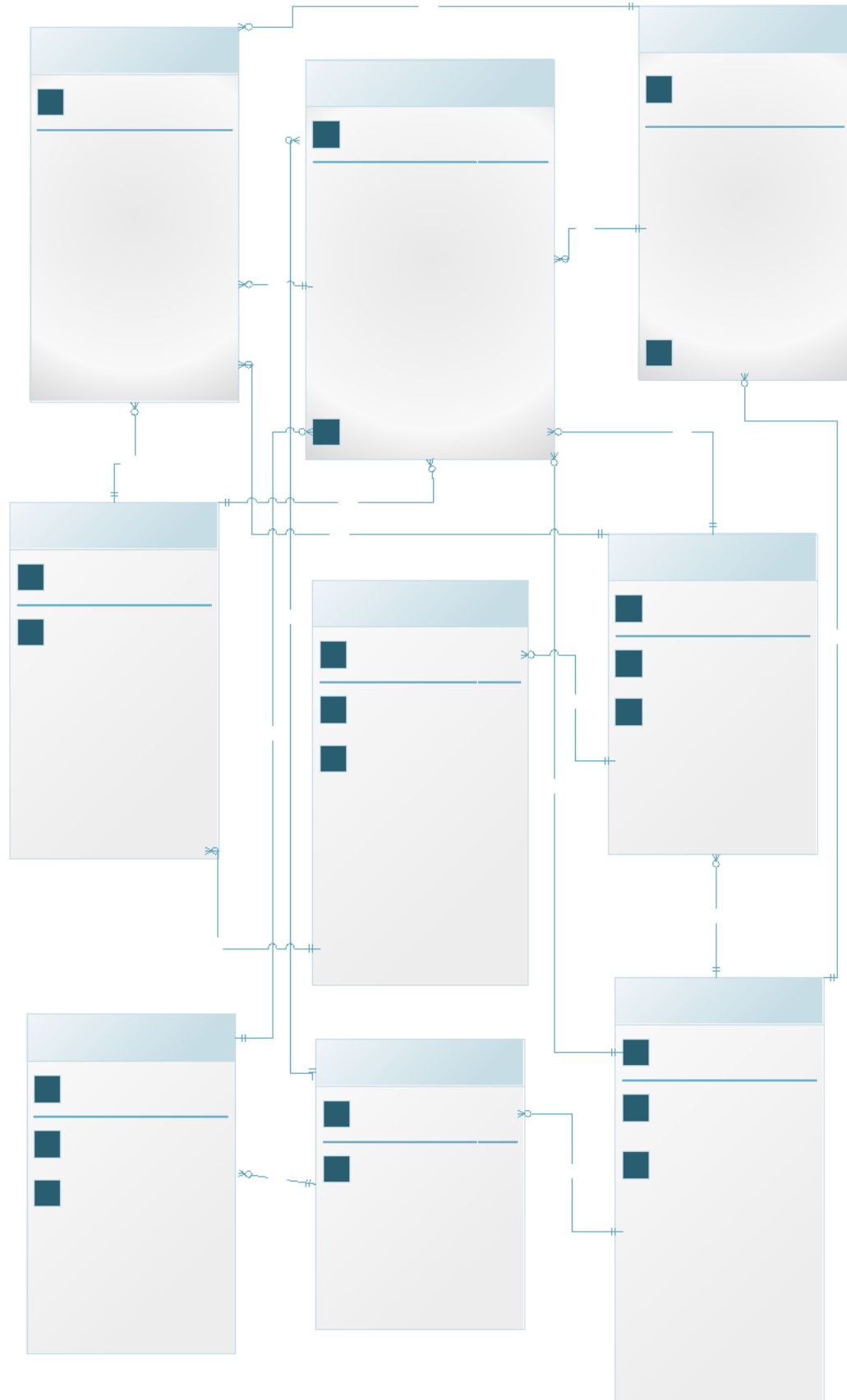
4. Architecture Design Diagram



5. Class Diagram

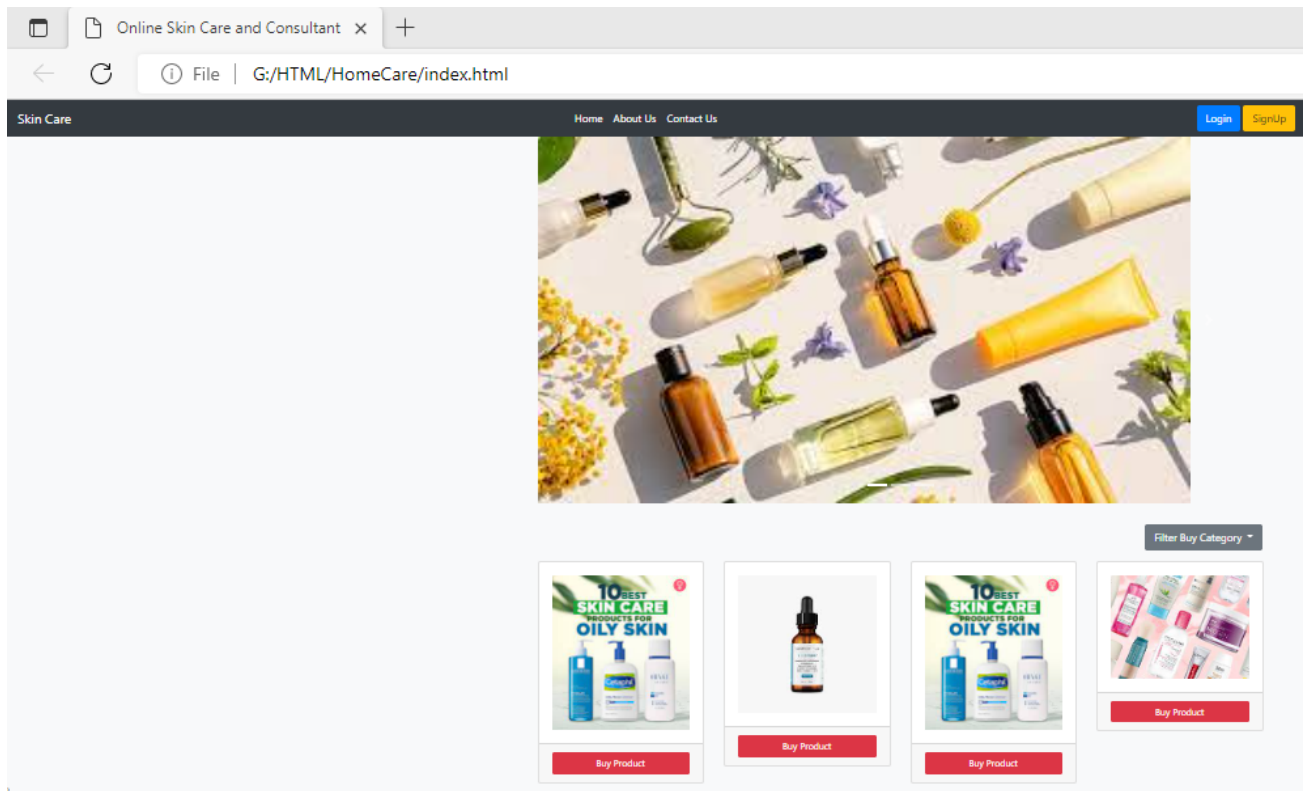


6. Database Design

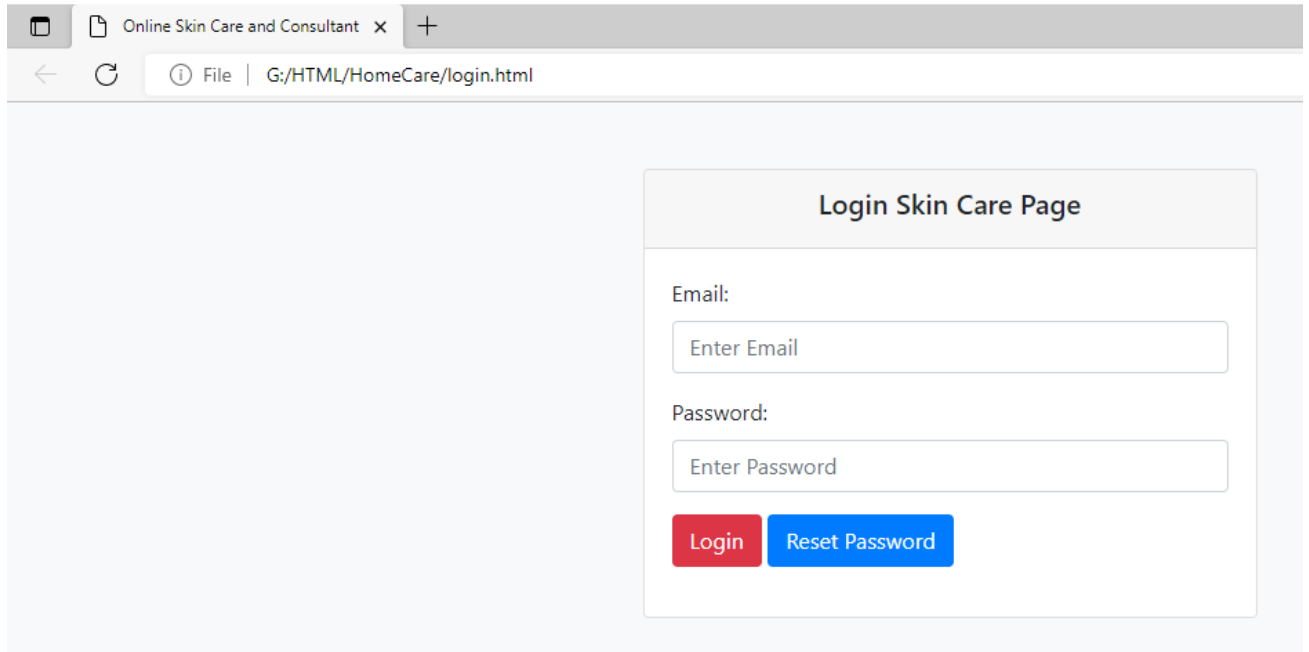


7. Interface Design

Index Page:



Login Page:



The image shows a web browser window with a single tab titled "Online Skin Care and Consultant". The address bar displays "File | G:/HTML/HomeCare/login.html". The main content area features a login form titled "Login Skin Care Page". The form includes two input fields: "Email:" and "Password:", each with a placeholder text "Enter Email" and "Enter Password" respectively. Below the input fields are two buttons: a red "Login" button and a blue "Reset Password" button.

Online Skin Care and Consultant x +

← ↻ ⓘ File | G:/HTML/HomeCare/login.html

Login Skin Care Page

Email:

Enter Email

Password:

Enter Password

Login Reset Password

Sign Up Page:

Online Skin Care and Consultant

SIGNUP

Enter Name:

Enter Name

Last Name:

Enter Last Name

Email:

Enter Email

Password:

Enter Password

DateOfBirth

mm/dd/yyyy

Enter City

city

Enter Country

country

Select User Type:

Selet User Type

Submit

[Already Acconut Login here?](#)

8.Testcases:

Preconditions	Admin/User/Consultant must have access to Application and presented with login screen. They should know his user id and Password.
Actions	Admin/ User / Consultant will enter their login Id and Password in the given fields. Admin/ User / Consultant will click the Login button.
Expected Results	Admin/User/ Consultant will be presented with User Panel on successful login. Login may be denied due wrong login id or password.
Tested By	Mc123456789
Result	Pass

i) Test case 01 Title= Login

ii) Test case 02 Title= View Order

Preconditions	Server and database connections should be available. Admin must be login.
Actions	Admin click on view order button which leads to view order page. System permits view order upon validation of credentials.
Expected Results	System should allow the admin to view order.
Tested By	Mc123456789
Result	Pass

iii) Test case 03 Title= View Feedback

Preconditions	Server and database connections should be available. Admin must be login.
Actions	Admin click on view feedback button which leads to view feedback page. System permits view feedback upon validation of credentials.
Expected Results	System should allow the admin to view feedback.

Tested By	Mc123456789
Result	Pass

iv) Test case 04 Title= Manage User

Preconditions	Server and database connections should be available. Admin must be login.
Actions	Admin click on manage user button which leads to manage user page. System permits view user upon validation of credentials.Admin will be Add any User Remove/ Update/ Block and View.
Expected Results	System should allow the admin to manage user.
Tested By	Mc123456789
Result	Pass

v) Test case 05 Title= Manage Products

Preconditions	Server and database connections should be available. Admin and User must be login.
Actions	User will click on create Manage Products Add and View Products. Admin should be able to Add, Delete, Update and View.
Expected Results	System should allow the admin to manage product.
Tested By	Mc123456789
Result	Pass

vi) Test case 06 Title= Manage Products Category

Preconditions	Server and database connections should be available. Admin must be login.
Actions	Admin click on manage category button which leads to manage category page.System permits manage category upon validation of credentials.Admin will view, add, remove and update category.
Expected Results	System should allow the admin to manage category.
Tested By	Mc123456789
Result	Pass

vii) Test case 07 Title= Manage Consultant

Preconditions	Server and database connections should be available. Admin must be login.
Actions	Admin click on manage consultant button which leads to manage consultant page.System permits manage consultant upon validation of credentials.Admin will add, view, remove and update consultant.
Expected Results	System should allow the admin to manage consultant.
Tested By	Mc123456789
Result	Pass

viii) Test case 08 Title= Generate Reports

Preconditions	Server and database connections should be available. Admin must be login.
Actions	Admin click on generate report button which leads to generate page.System permits generate report upon validation of credentials.
Expected Results	System should allow the admin to generate report.
Tested By	Mc123456789

Result	Pass
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ix) Test case 09 Title= Payment Method

Preconditions	Server and database connections should be available. Admin and User must be login.
Actions	Admin Add, Delete and Update payment method. User will login the application by cash on delivery Credit/ Debit Card System permits add payment method upon validation of credentials.
Expected Results	System should allow the admin to add payment method.
Tested By	Mc123456789
Result	Pass

x) Test case 10 Title= Register

Preconditions	Server and database connections should be available.
Actions	The users should be able to Consultant and User through a registration form. The registration form should Consultant and Userbasic information and requirement. The basic information about the Consultant and User should have the fields such as Name, Email, Phone, Address, Occupation etc.System stored data to the database.
Expected Results	System should register the consultant into the system.
Tested By	Mc123456789
Result	Pass

xi) Test case 11 Title= View User Message

Preconditions	Server and database connections should be available. Consultant must be login.
Actions	Consultant click on view user message button which leads to view user message page.System permits view user message upon validation of credentials.
Expected Results	System should allow the consultant to manage message.
Tested By	Mc123456789
Result	Pass

xii) Test case 12 Title= Answer User Message

Preconditions	Server and database connections should be available. Consultant must be login.
Actions	Consultant click on view user message button which leads to answer user message page.System permits Answer user message upon validation of credentials.
Expected Results	System should allow the consultant to manage message.
Tested By	Mc123456789
Result	Pass

xiii) Test case 13 Title= Search Products

Preconditions	Server and database connections should be available. User must be login.
Actions	Users click on the search product button which leads to search product Price, Product Name, Brand Name.System permits search product upon validation of credentials.
Expected Results	System should allow the user to search product.
Tested By	Mc123456789
Result	Pass

xiv) Test case 14 Title= Personal Details

Preconditions	Server and database connections should be available. User must be login.
Actions	User click on add personal details button which leads to add personal details page (name, contact number, postal address, city).System permits add personal details upon validation of credentials.
Expected Results	System should allow the user to add personal details.
Tested By	Mc123456789
Result	Pass

xv) Test case 02 Title= Manage Message

Preconditions	Server and database connections should be available. User must be login.
Actions	User click on view Consultant message button which leads to Send Consultant Message and View Consultant Answer message page.System permits view Consultant message upon validation of credentials.
Expected Results	System should allow the user to manage message.
Tested By	Mc123456789
Result	Pass

xvi) Test case 02 Title= Manage Others Message

Preconditions	Server and database connections should be available. User must be login.
Actions	Users click on view other message Consultantbutton which leads view Consultant Message to others.System permits view other message Consultant and view consultant message to Others upon validation of credentials.
Expected Results	System should allow the user to manage others message.
Tested By	Mc123456789
Result	Pass

xvii) Test case 02 Title= Add Feedback

Preconditions	Server and database connections should be available. User must be login.
Actions	User click on add feedback button which leads to add feedback page.System permits add feedback upon validation of credentials.
Expected Results	System should allow the user to add feedback into the system.
Tested By	Mc123456789
Result	Pass

xviii) Test case 02 Title= Logout

Preconditions	Server and database connections should be available. Admin/User/Consultant must be login.
Actions	Admin/ User / Consultant Click Logout button any time Admin/ User / Consultant will click the Logout button.
Expected Results	System should logout the user from the system.
Tested By	Mc123456789
Result	Pass