

ITP Assignment
Activity 1
Activity 01_ITP25_B2_C1-45

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Part 1

1. Identified Problem that need an IT solution

Lavendra photography booking management system needs an Automated system to overcome the following problems.

- They currently use a manual process to record booking information which can lead to errors, double bookings. (Through telephone communication and notebooks)
- There's no centralized system to manage payments, customer details.
- There's no proper way to deliver photos to the clients. (Currently clients are given a pen drive, containing their photos.)

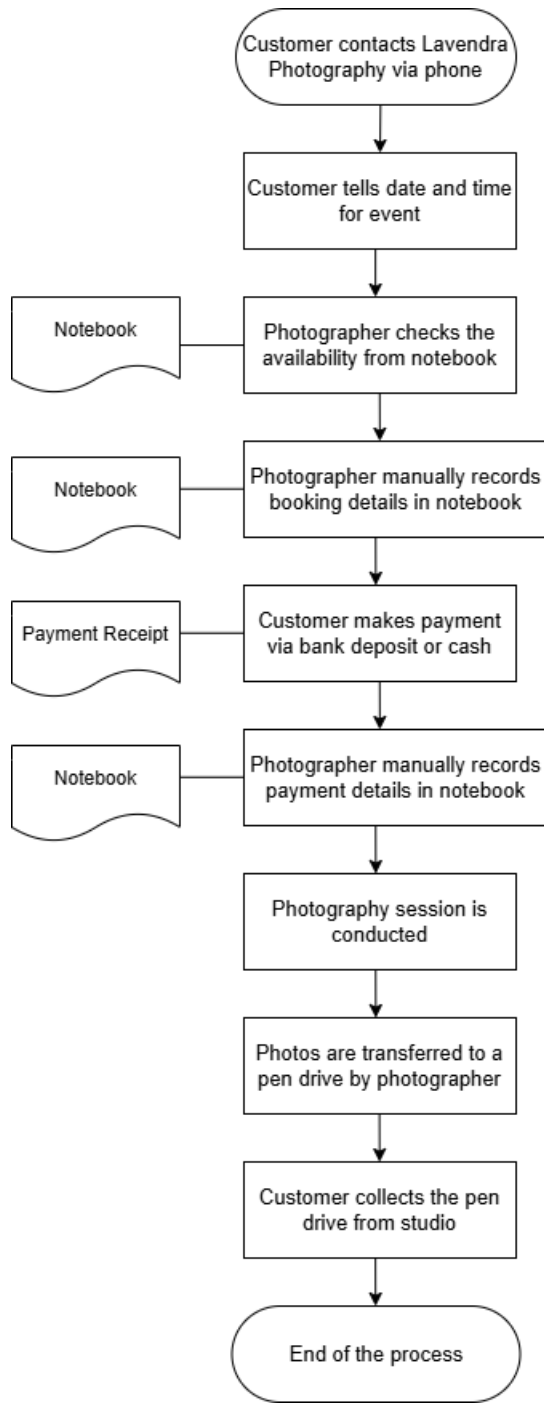
By implementing an automated system they can achieve efficient bookings, proper sharing of photos, secure payment processes and user friendliness.

2. Users and Benefits

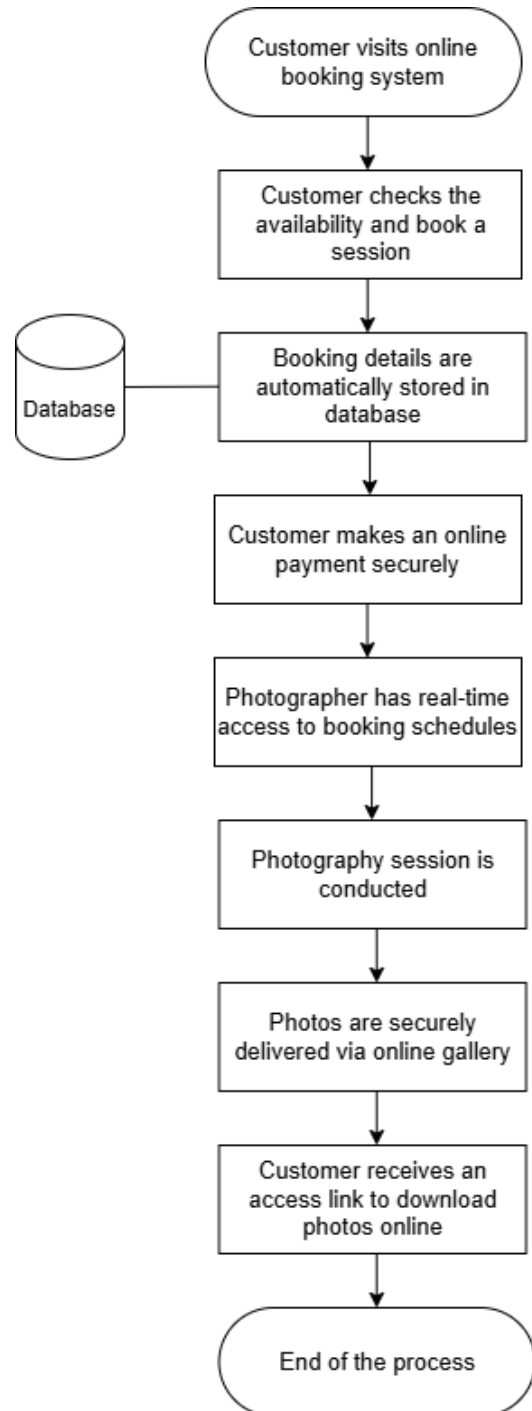
- Customer – can book a suitable photography package, make online payments
- Guest – can browse the web application and read feedback
- Photographer /Admin – can add items to rent, add photography packages, blog to promote the website
- Other Photographers – can rent camera parts (lenses, tripods, lights)

3. Current and Proposed processes

Current Process



Proposed Process



4. Main features of the automated system

- User / Admin dashboards
- Blog and review management
- Payment management
- Inquiry management (contact us)
- Rental services management
- Photo Gallery management
- Availability of add to cart option

5. User Requirements

- User / Admin dashboards – Users can view their bookings, payments while admin can add admin analytics
- Blog and review management – admin can add a blog about their recent work and users can get informed about them and make reviews.
- Payment management – Users can pay for the selected services securely online.
- Inquiry management (contact us) – Users can contact photographer for any inquiry or issues related to the website.
- Rental services management – Admin can add items to rent, and clients can rent the items
- Photo Gallery management – Photographer/admin can upload edited photos to the gallery with a link and a description.
- Availability of add to cart option – Users can add items to the cart, book packages and get the payment amount calculated easily.

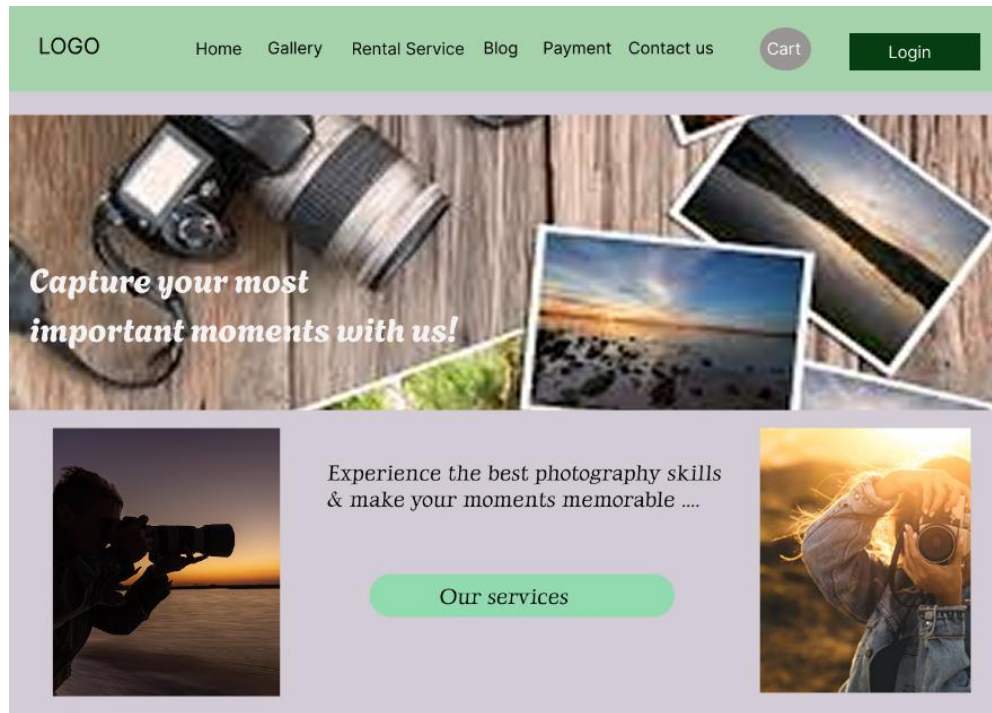
6. Project name suggestion

Lavendra Photography Booking Management System

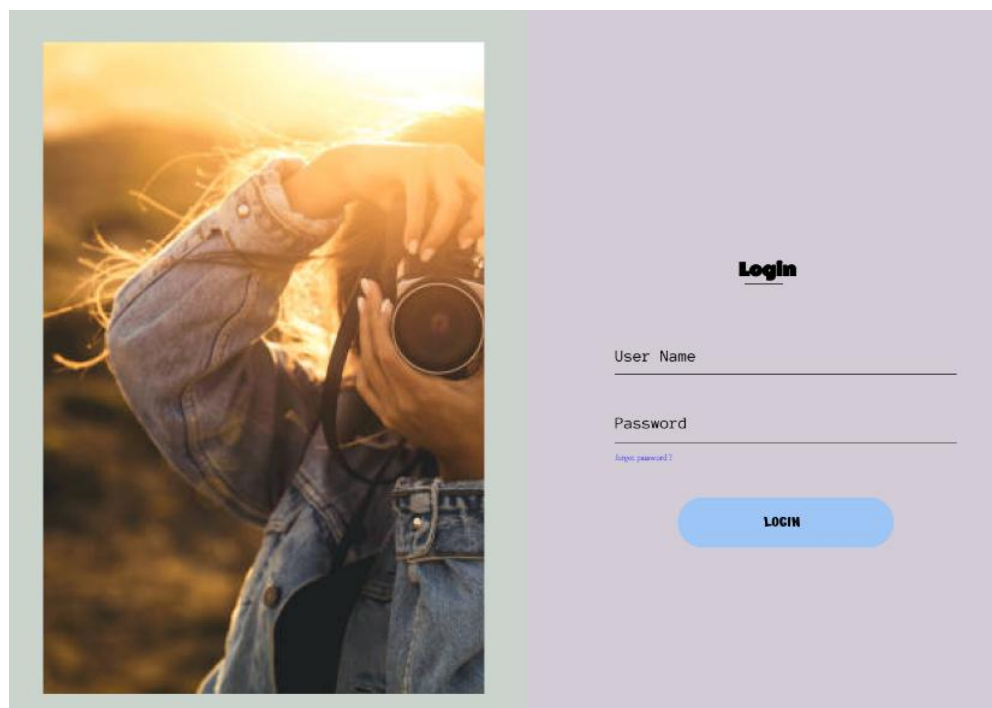
Part 2

GUI s

Home page



Login page



Register

LOGO

[Home](#) [Gallery](#) [Rental Service](#) [Blog](#) [Payment](#) [Contact us](#) [Cart](#) [Login](#)

Register

Name

Value

Phone

Value

Email

Value

Address

Value


Submit


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Get in Touch

 20, Main Road, Colombo.

 lavendraphotography@gmail.com

 +94 77 123 4567


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User Profile

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User Profile



User ID

Value

Name

Value

Address

Value

Phone

Value

Email

Value

Edit


Delete


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Inquiry management

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Cart

Login



Reach out to us!

inquiry id :

name

email

phone

inquiry type

subject

enter your message;

submit

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Cart

Login

Inquiry details

ID	name	email	phone	inquiry type	subject	message		
in001	anne	xx	0778463825	general	xxxxxxxxx	We want to hire you for our shoot.....	update	Delete
in002	Nuvan	xx	0717749302	support	xxxxxxxxx	How to add further requirements for a package	update	Delete
in003	Ashen	xx	0704271042	support	xxxxxxxxx	Can't download my photo from drive	update	Delete
in004	Risini	xx	0774529054	other	xxxxxxxxx	Can't download my photo from drive	update	Delete

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Gallery management

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Login



List item
Supporting line text lorem ipsum dolor sit amet, consectetur

Images Link

Value:

Description

Value:

Submit

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Cart

Login

Gallery Details

Gallery ID	User ID	No of Photos	Images Link	Description		
123	U001	100	xxxxxxxxx	Sanath's wedding	Edit	Delete
					Edit	Delete
					Edit	Delete

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Payment management

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Total Amount
Rs.0.00

choose payment method :

payment id :

order id :

First name :

Last name :

card number

cvv

dd/mm/yyyy

Pay now

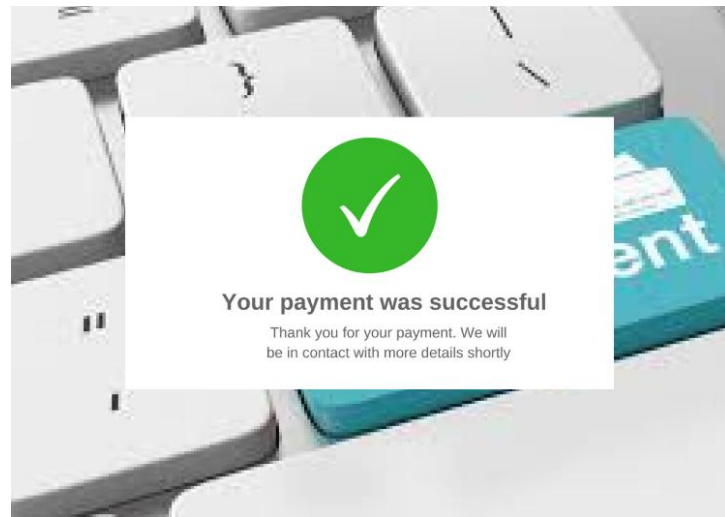
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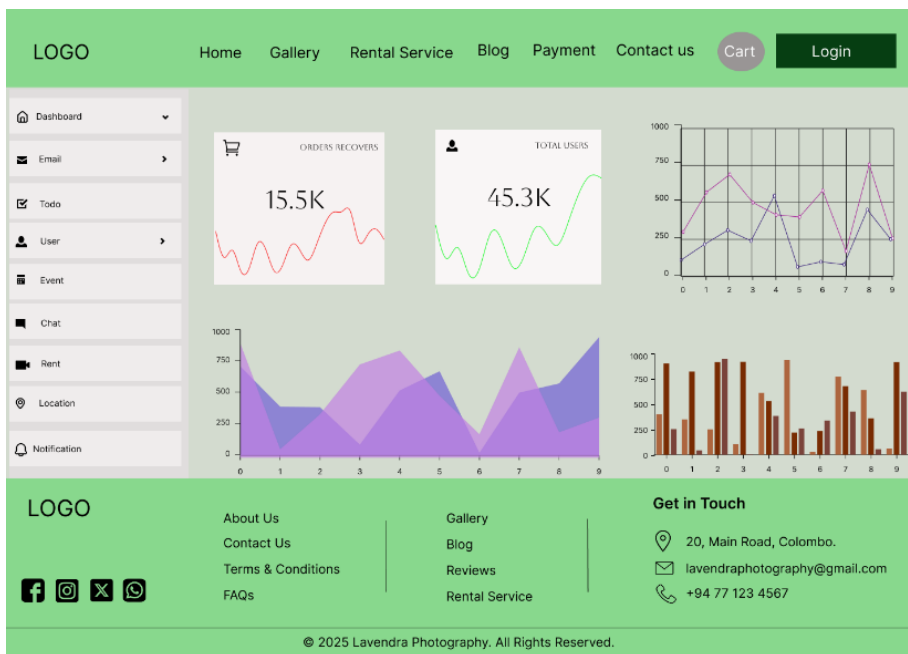
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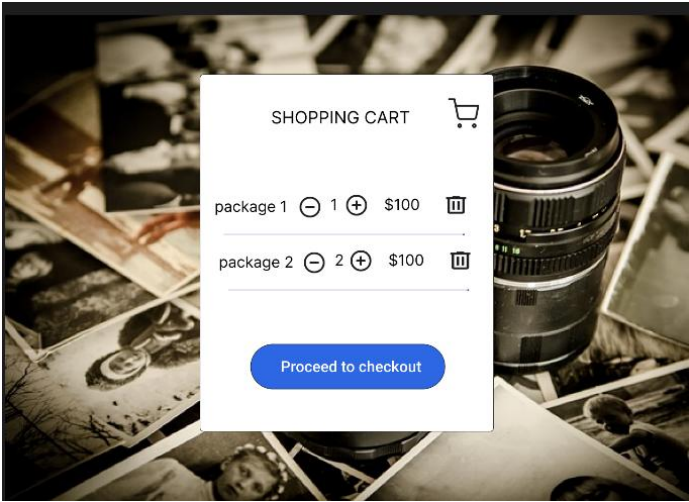
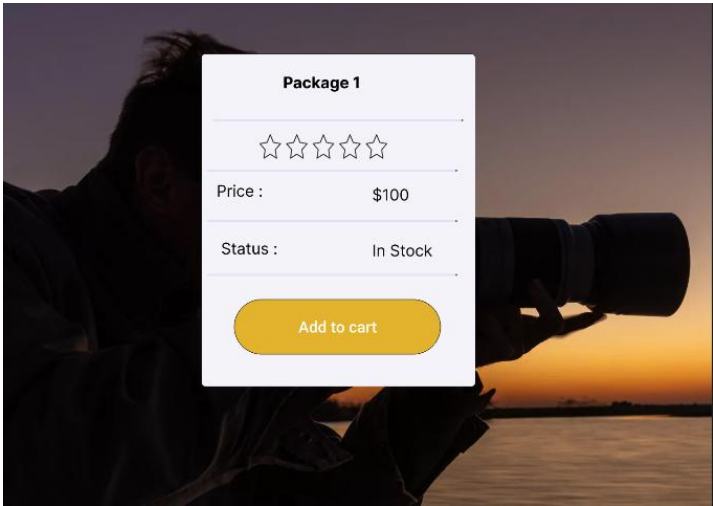
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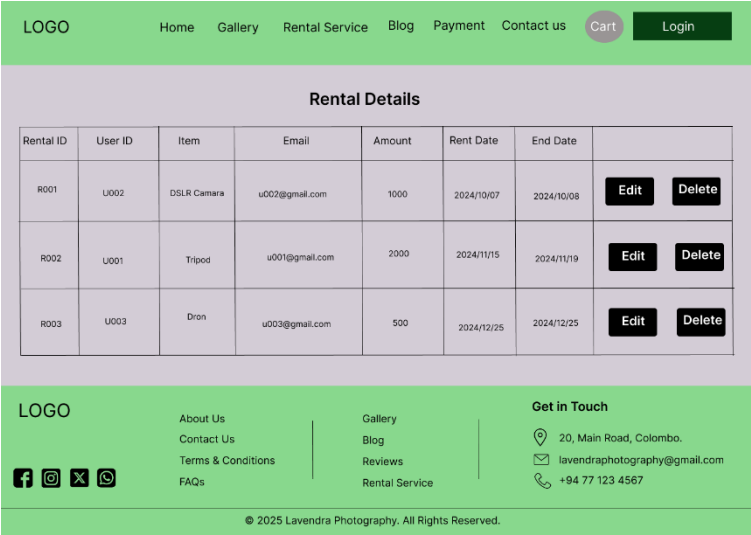
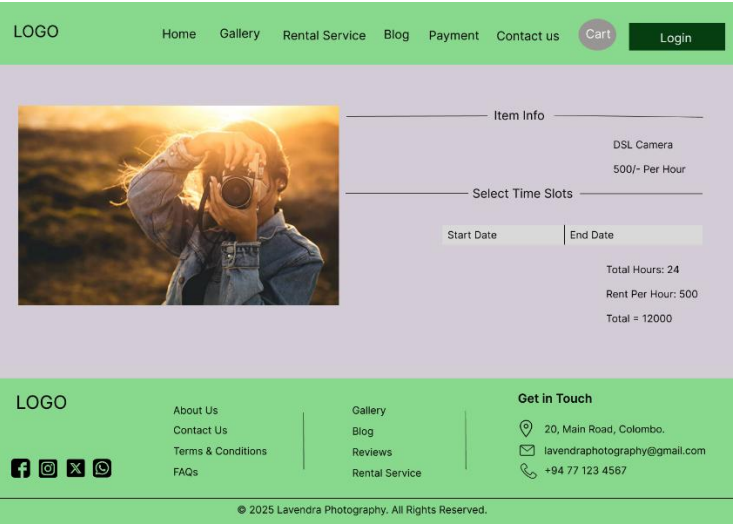
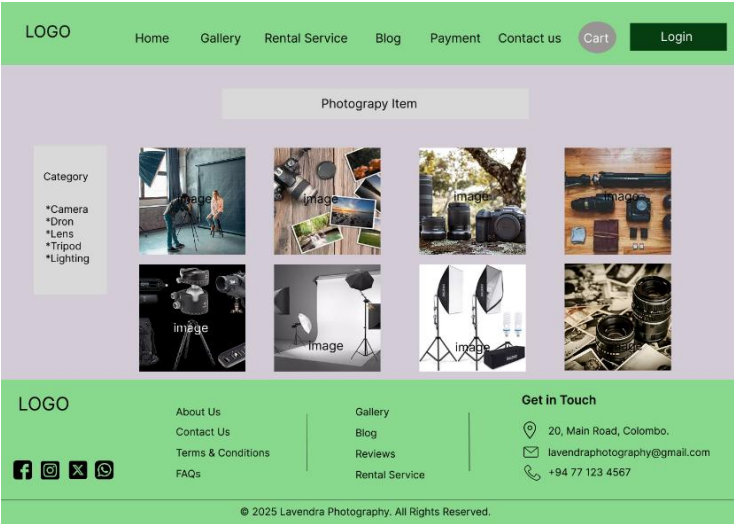
Admin dashboard



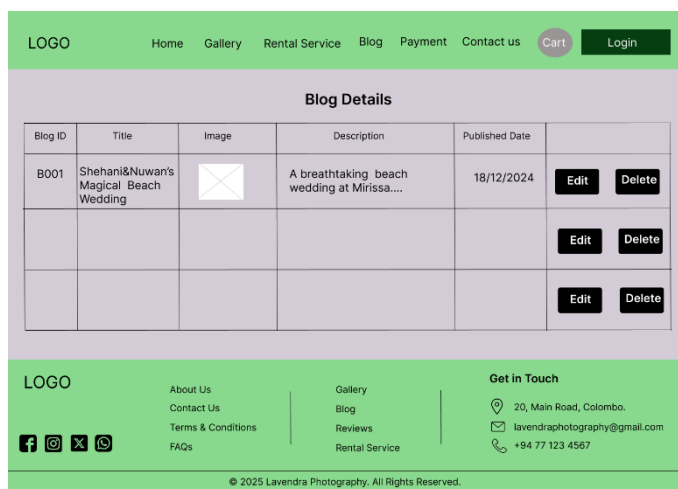
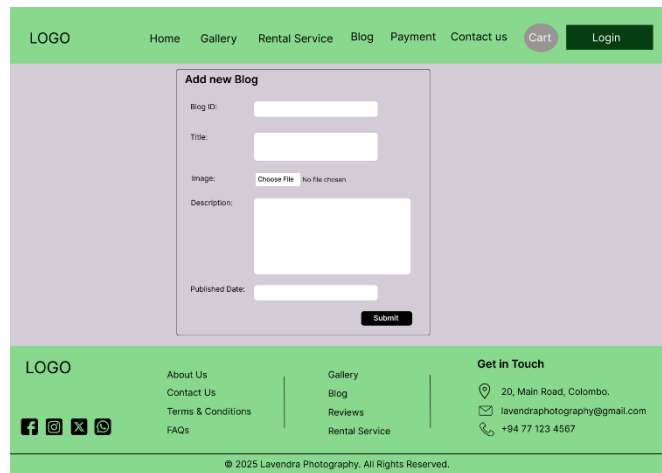
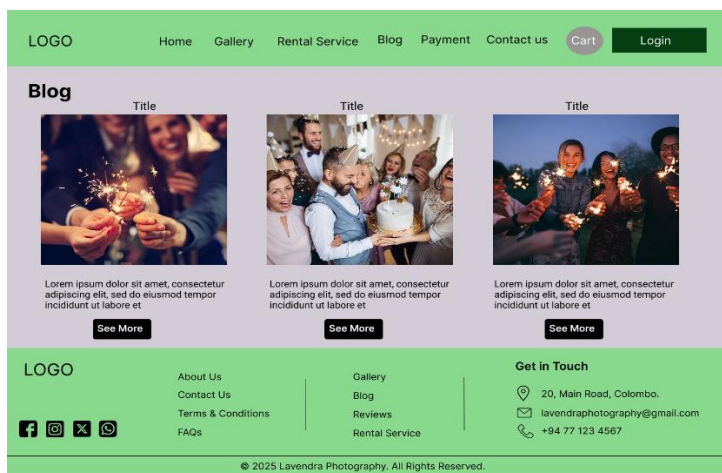
Shopping cart



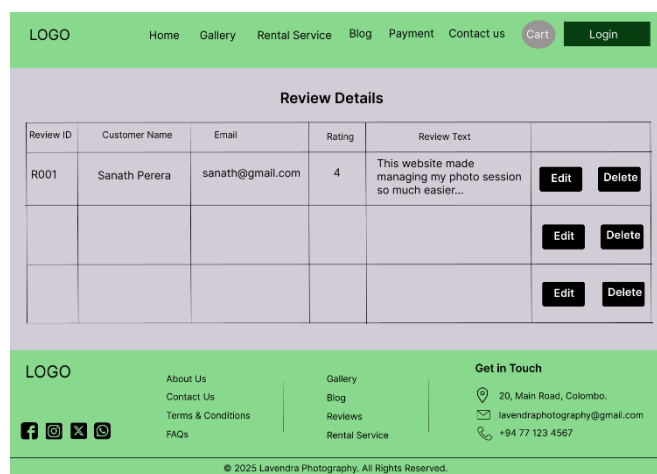
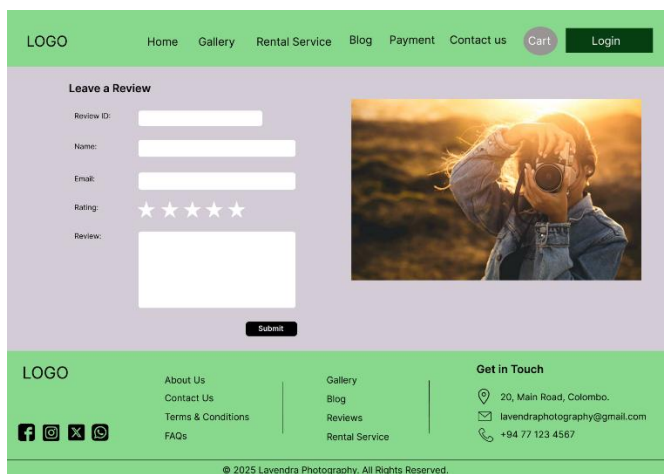
Rental services management



Blog management



Review management



Database Tables

- Users (**User ID**, Name, Email, Phone No, Location)

User ID	Name	Email	Phone No	Location
U001	Sanath Jayasinghe	SanathKumara1960@gmail.com	0775494585	Kandy
U002	Nimasha Fernando	NimaFernando23@gmail.com	0714555586	Colombo

- Gallery (**Gallery ID**, User ID, Description, No of Photos , images)

Gallery ID	User ID	Description	No of photos	Images
123	U001	Sanath's wedding	100	Images link
234	U002	Nimasha's Birthday	150	Images link

- Cart (**Cart ID**, Package ID , No of items , User ID , Total price)

Cart ID	Package ID	No of items	User ID	Total price
CRT01	PKG001	10	U001	100\$
CRT02	PKG002	2	U002	10\$

- Payment (**Payment ID**, Order ID, FirstName , LastName, PaymentMethod, PaymentDate, Status)

Payment ID	Order ID	First name	Last name	Payment method	Payment date	Status
001	1	Anne	Perera	Credit card	2/1/2024	Successful
002	2	Nimal	Gamage	Credit card	3/5/2024	pending
003	3	Saman	Fernando	PayPal	10/3/2024	failed

- **Inquiry (InqID, Name, email ,Phone, InquiryType, Subject, Message, Status)**

InqID	Name	email	Phone	Inquiry type	Subject	Message	Status
IN01	A.R.Perera	12@hjc.gc	0912345578	General	About packages	How to add further requirements for a package ..	Pending
IN02	B.W.Fernando	F2@yf.nv	0389123914	Support	Issue in downloading	Can't download my photos from drive ..	Resolved
IN03	P.R.Gamage	9u@hnj.oij	0213844529	Other	About Hiring	We want to hire you for our shoot.....	Resolved

- **Blog(Blog ID, Title , Image, Description, Published Date)**

Blog ID	Title	Image	Description	Published Date
B001	Shehani & Nuwan's Magical Beach Wedding	Image file	A breathtaking beach wedding at Mirissa....	18/12/2024
B002	Annual Get Together of Sujatha Vidyalaya Matara	Image file	A heartwarming reunion of alumni....	30/12/2024
B003	Aanya & Roshan's Baby Gender Reveal Party	Image file	A joyful celebration filled with excitement....	15/01/2025

- **Review(Review ID, Customer Name, Email, Rating, Review Text)**

Review ID	Customer Name	Email	Rating	Review Text
R001	Saman Perera	saman@gmail.com	4	This website made managing my photo session so much easier...
R002	Kamal Liyanage	kamal@gmail.com	5	Very easy to use. I can manage bookings effortlessly...
R003	Namalee Dias	namalee@gmail.com	3	A simple system with useful features...

- **Rental(Rental_ID, UserID, Email, Amount, Rent_Date, End_Date)**

Rental_ID	UserID	Item	UserID	Email	Amount	Rent_Date	End_Date
R001	U001	DSLR Camera	U001	perera1@gmail.com	Rs300.00	2024/10/05	2024/10/07
R002	U002	Dron	U002	senevirathna5@gmail.com	Rs.500.00	2024/11/20	2024/11/21
R003	U003	Tripod	U003	rathnayaka7@gmail.com	Rs.1000.00	2024/12/24	2024/12/26