

A System Design Project Report on

PICTURE PERFECT



Submitted by

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MCA II Semester

**For the award of degree of
Master of Computer Applications**

Under the Supervision of
Prof. (Dr.) Priyadarshi Patni
Faculty of Computer Science

Lachoo Memorial College of Science & Technology(Autonomous) Jodhpur

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**Faculty of Computer Science
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CERTIFICATE

This is to certify that the System Design Project entitled

PICTURE PERFECT

has been designed by

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in partial fulfillment of the degree of MCA II Semester Examination 2022, under
our supervision and guidance.

Prof. (Dr.) Priyadarshi Patni
Director
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Date: 09/09/22

Acknowledgement

In successfully completing this project, many people have helped us. We would like to thank all those who are related to this project.

Primarily, We would thank God for being able to complete this project with success. Then I will thank my Director Prof. (Dr.) Priyadarshi Patni Sir, Our teachers Dr. Seema Lunkar ma'am, Dr. Vaibhav Gupta sir & Dr. Krishna Kumar Bohra under whose guidance We learned a lot about this project. Their suggestions and directions have helped in the completion of this project.

Finally, We would like to thank our parents and friends who have helped us with their valuable suggestions and guidance and have been very helpful in various stages of project completion.

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1. Introduction

Our project is in the vicinity of the photography business, under which we will make some effort to solve the problems faced by the traditional photographer and his clients. In our project, we have designed it keeping in mind the benefits of both the photographer and his/her client.

We want that in today's era when everyone is doing their work through the Internet, then why not make it as easy as it can be done through the Internet. With this thought in mind, we have designed this project. So that both time and resources can be saved and a modern business can be promoted.

Our aim is to give a better way for photographers and customers to communicate with each other. Picture Perfect will try to give a medium which will help users to receive their precious memories directly through the power of the internet. Users will be able to decide according to their needs which photographers they want. Admin will be able to track the work of all photographers and also their pending works. Employees will be able to see user requests directly in their respective tab. Users will be able to access and download their data directly through the internet. Also picture perfect will provide a way for photographers to show their portfolios and their skills through www and gather users from wherever they want in the world and show their talent to the whole world.

2. Need

With the Picture Perfect project, we are thinking about how to make it sound. Our project was needed because we want to bring it on a big platform which is the internet so that a photographer or photography firm can promote their business easily without much cost and also an easy medium for client and client to easily be able to find it.

The main requirement is the time and resources that were being spent a lot in this traditional work, which had no justification, if we solve them through this project, then it will be very beneficial, with this thinking we designed it. Another important requirement was also to modernize it and make it competitive, which we took full care of. Keeping in view the demand of the market and the requirement and requirement of the customers, we have made many profitable and significant changes which were not there in the traditional.

Through this project, we have incorporated all types of portfolio, keeping in mind the need of the clients to view the portfolio as per their requirement and make decisions so that the user can take his decision easily. Our aim is to satisfy the customer and to help him in deciding his choice. We are trying our best to please both client and customer and we think that we are able to do so with this project.

3. Existing System with Limitations

Now we will discuss some problems photographers had to face traditionally and because of them the client also suffers.

As the biggest problem was about storage, in which due to limited storage with the photographer, he had to give data to the user on time and had to delete the old data so that in the event of any user's data being corrupted or deleted. There was little hope of meeting. In this project we have rectified that we save user data on our server, concerned clients can access their data through their login id and password anywhere anytime through the internet. At present, this work was done in pen drives or manual hardware devices, from which the user could not recover the data if the data was corrupted or the device was lost or the data was deleted. Another problem was time, in which the photographer and the user had to waste time in data transfer, apart from this it was difficult to maintain the data. Traditional photographers used to get fewer new clients, but through this new project, they can get many new clients by showing their portfolio on the internet. In traditional photography, the user has to go to the photographer's form to get any information related to it, but through this project of ours, he can enter his query and the photographer will give the answer to him. Customers will also be able to order after seeing the review of the photographer.

4. Proposed System

The main objective of this project is to bring photography to the online platform. Till now all photography work is done offline and their institute exposure can be online though. But in today's time everything is happening online, so we thought why not the photographer's customers get the data online only. Let us understand this in simple language, we know that till now the data communication between the photographer and the customer was going offline but in this project we will make the data of every customer available online with security so that the respective user can access through their login id and password. By doing this, you will be able to watch and save and share it anywhere anytime through your mobile. This will save the physical data storage of the user and the organization, which will save time and resources. Through this project, the photographer will also be able to showcase his works online, which will also attract online customers.

In this, we will also provide a form to the customers or users to order, photography or any other query through reviews and rating so that the interaction between the client and the photographer can happen and the customer can easily contact the photographer. Apart from this, we will also make available reviews of photographer's best clients or celebrities whose photography orders were executed very well by the photographer on our platform so that more and more clients can see them and make their decision. Apart from this, we are also providing all types of photography portfolio on our platform, which is a sample of the work of the photographer.

Benefits to Users

1. Users will get direct access to their Images and videos.
2. Users can see reviews to decide whether a photographer is appropriate for hiswork.
3. Users can give their opinion to others through reviewing and giving their opinions.
4. User will directly be able to purchase desired product from the application

Benefits to Photographers

1. Photographers can see request of users from their tabs directly
2. Photographers can show their talent to the whole world through the medium of Picture perfect.
3. Photographers' reach will be increased greatly through Picture perfect.
4. Client interaction will be easier or photographers

5. Process / Working

There are many processes associated with our project. We are dividing them into sub parts for better understanding.

1.Login System:-

The website will have a login system. There will be a different interface of both the employee and the client at the time of login. Employees login with their ID password, in which the employee who has logged in will only have access to the account of his customers or will be able to upload media in it. Its not required to login to view the normal page content but without login you will not be authorized for the employee or user section.

2.Authority Management :-

Not all clients will be visible to the employee. He will not have access to delete uploaded pictures. The admin will have the account access of all the clients and employees. Admin will have access to delete any uploaded pictures and all other features that an employee gets . Clients can login themselves, in which the interface of the client will be different. The client will be able to access and download the pictures uploaded by the employee on his account. All clients, Employees & admin will have access to the home page,about us page etc.

3.Review & Rating System :-

In the Feedback section, the Client will be able to post the Feedback by logging into his account, which will be available in the Feedback section of the website.

Clients can also give ratings to employees so that when someone else wants to decide which employee he should use for his purpose he will have better ways to find the best employee for his/her work.

4. Gallery Management:-

The website will have a portfolio section on the home page. In which there will be the Images clicked by the employees, which will be uploaded by the employee and it will be visible to the audience visiting the picture website.

5. Categories:-

In the category section, the client will be able to select the type of occasion for which he wants a photographer. When selecting a type of occasion he/she will be given the best options from all the employees according to their ratings given by different clients. Clients can go through details of Employees and also look at their sample images for decision making.

6. Feasibility Study

1. Technical Feasibility

All the Requirements for the project are very basic and There is no such software in which any heavy system requirement is needed.

In this, all the software we will need will be Available on the Internet . And Required hardware and software facilities are available to all the members who are associated with this project. It will not require any bulky hardware to run the software on an end user machine as it's a web project and will be running on a server .

Some of the software we will require to work on this project are:-

Sno	Software used in this project	System Requirements
1.	Visual Studio Code	Processor:-1.6 GHz or faster processor RAM:- 1GB
2.	XAMPP	Processor:-1 GHz or faster processor RAM:-512MB
3.	JavaScript	Processor:-x86 or x64 RAM:-512MB(minimum), 1 GB (recommended)

All members working on this project have the knowledge required to build this project and thus we can say that our project is technically feasible.

2. Behavioral Feasibility

Few Problems that we address while discussing about existing system are:-

1. Data sharing is through pen drives and hard disks etc.
2. User data may get lost permanently(for example:-hardware failure of user system)
3. Photographers will have no scope of growing as they will always be working in same locality and will not have any new client
4. Users can have only 1 or two choices for the photographers in their locality.

Now let's see how Picture perfect is solving these problems:-

1. The biggest problem is sharing of data and that will totally be fixed as user will be able to have all his data On internet
2. The photographer will Store the media into the cloud storage, which will solve the problem of both the client and the photographer. Clients will be able to easily access or download their images or videos directly from the "Picture Perfect" website.
3. Multiple choices will be available to the client. The client will be able to choose an occasion for which they need the photographer and then they will also be able to see the best photographer for each occasion with their sample images to judge which one will be better for the client.
4. The reach of photographers will also increase as their talent can be seen by people living far away from them and thus getting more deals. They will be chosen if they will do better in their projects as there will be a review and rating system ensuring that better photographers get more chances to shine, and this will also be beneficial to users.

3. Economic Feasibility

We divided economic feasibility in 3 phases and then checked if those 3 factors combined can be economically feasible or not.

Those phases are:-

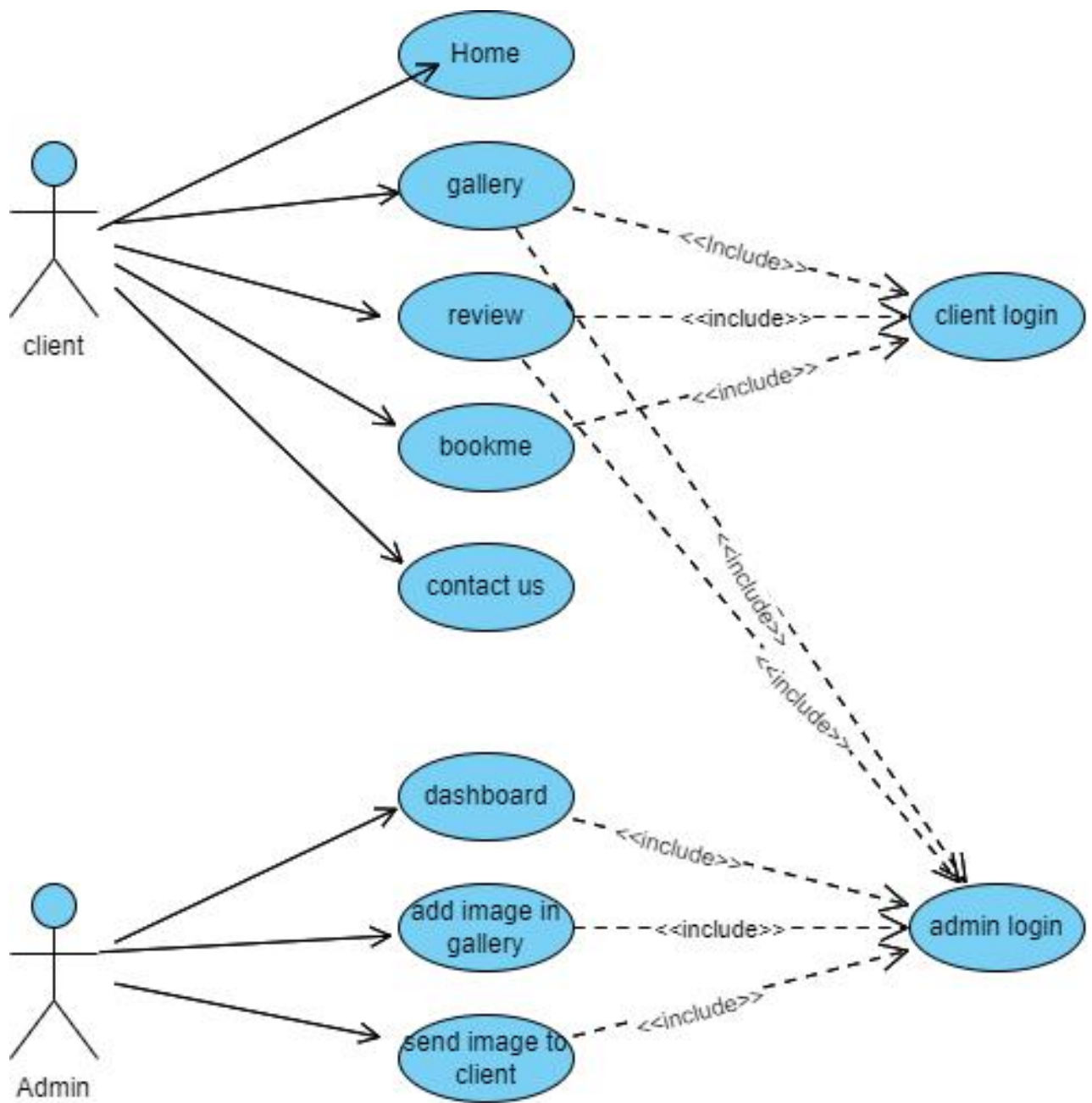
Developing Phase:- Our project is web based application and thus we have a wide variety of softwares to choose from and we decided to use all the softwares we already have access to, thus making it easy for our budget . Only cost in the developing phase is the lines of code written by our coders .

Deploying Phase:- While the development phase is not expensive as most of the cost was cut to 0 due to use of existing software and hardware we can say the same for running our project on www. First we will need to buy the domain for our web based project so that everyone can use it through the internet. Secondly cloud based storage to make sure that all our storage based needs are fulfilled, as this project main work is to secure the user data for as long as he/she wants and for that to happen we need to make sure that we have a secure storage which is reliable and user will have no problem accessing it anytime he needs it.

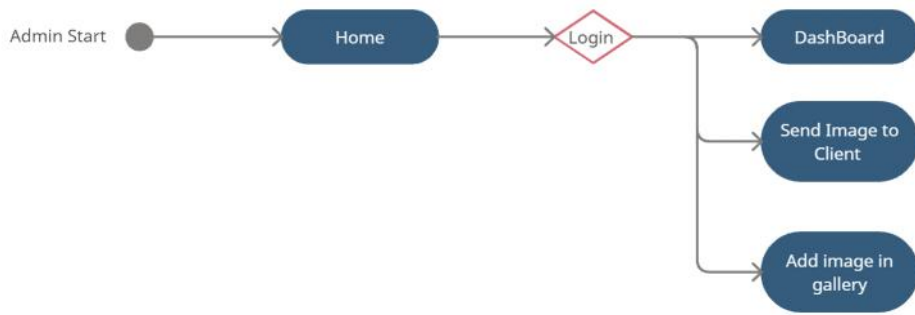
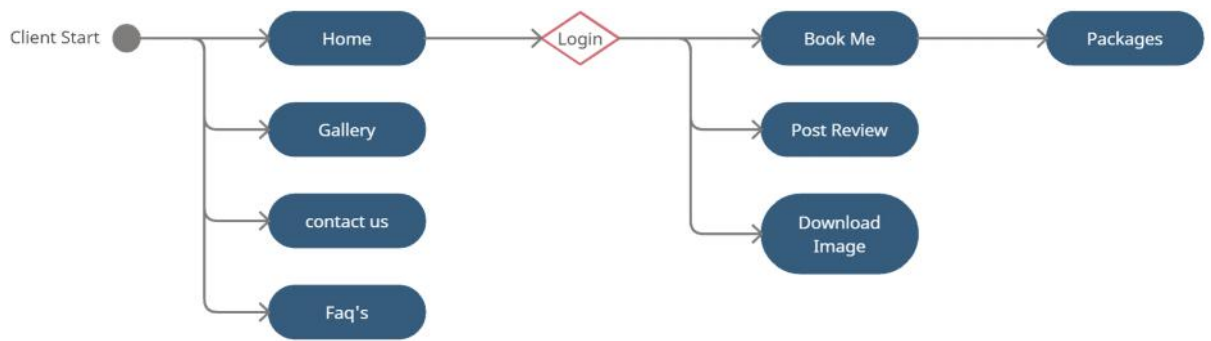
End User Phase :- We talked about what it will cost to run this project in the above phases now we will be looking at what it will cost for the end user. End users will only need to pay for the services they will be availing from us and a monthly fee for their data on cloud.

7. UML Diagrams

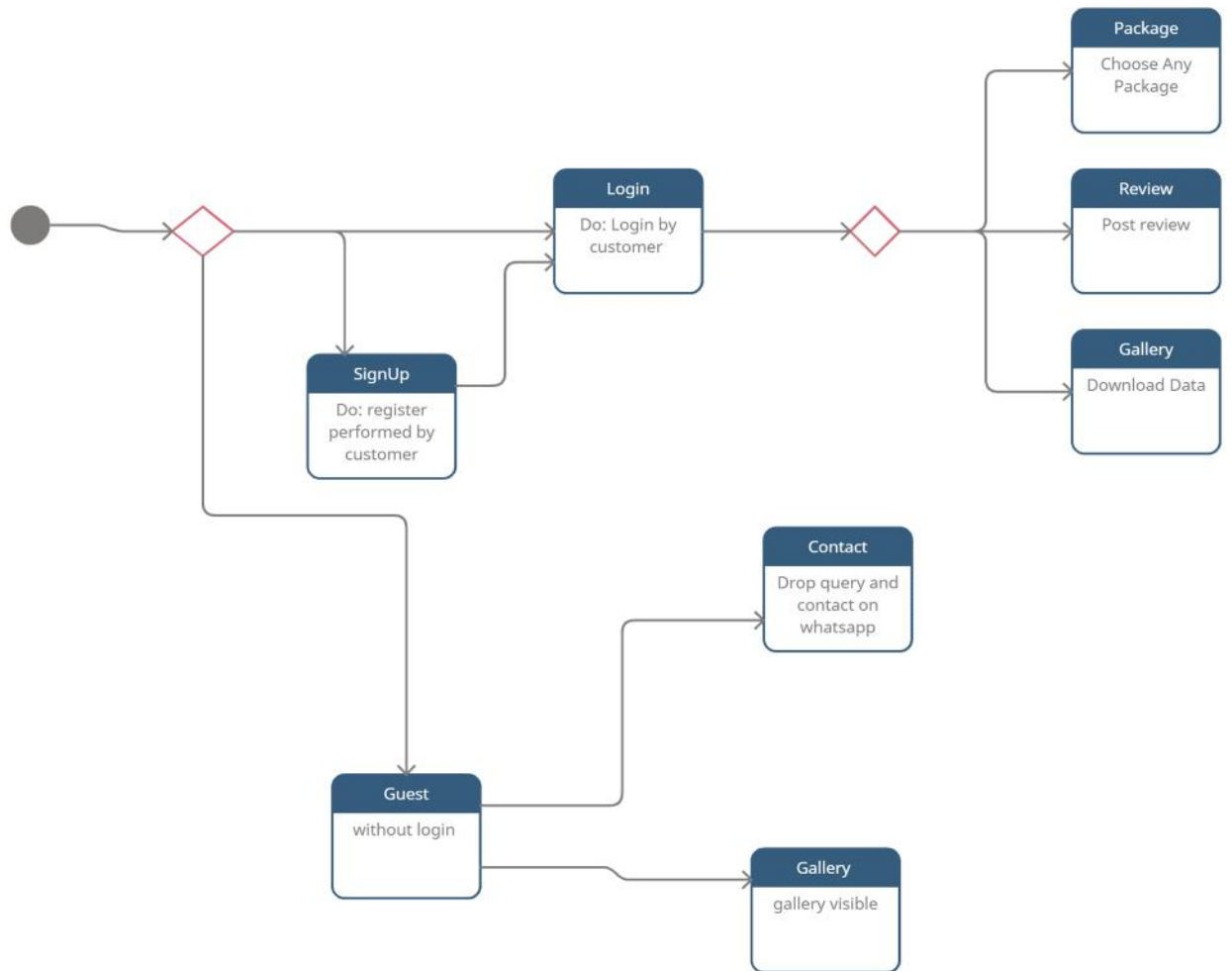
1. Use Case Diagram



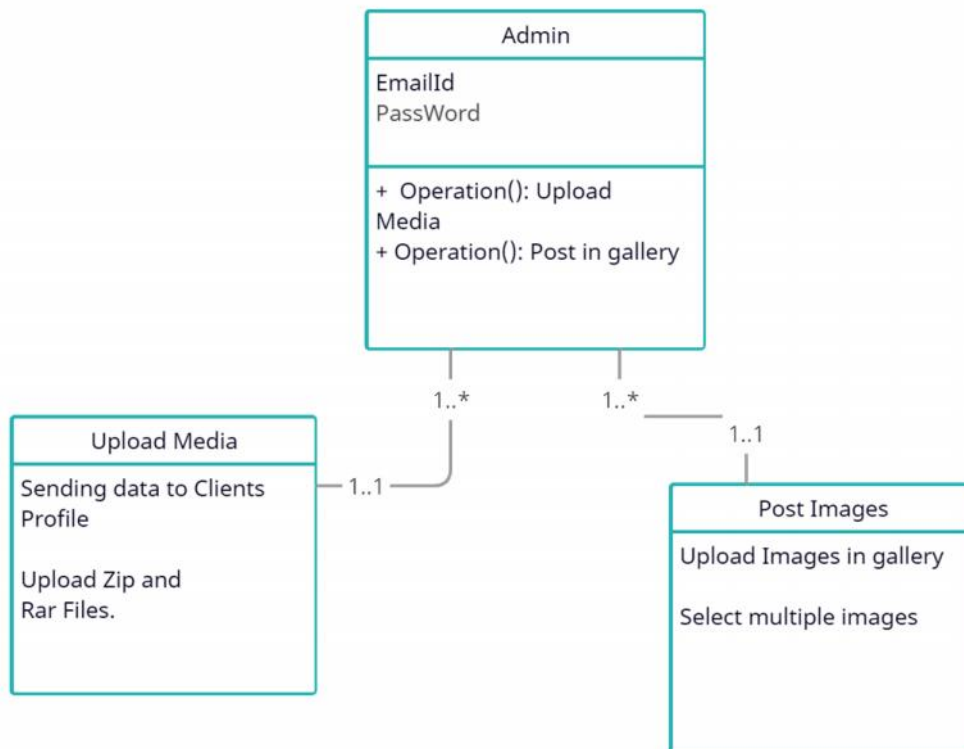
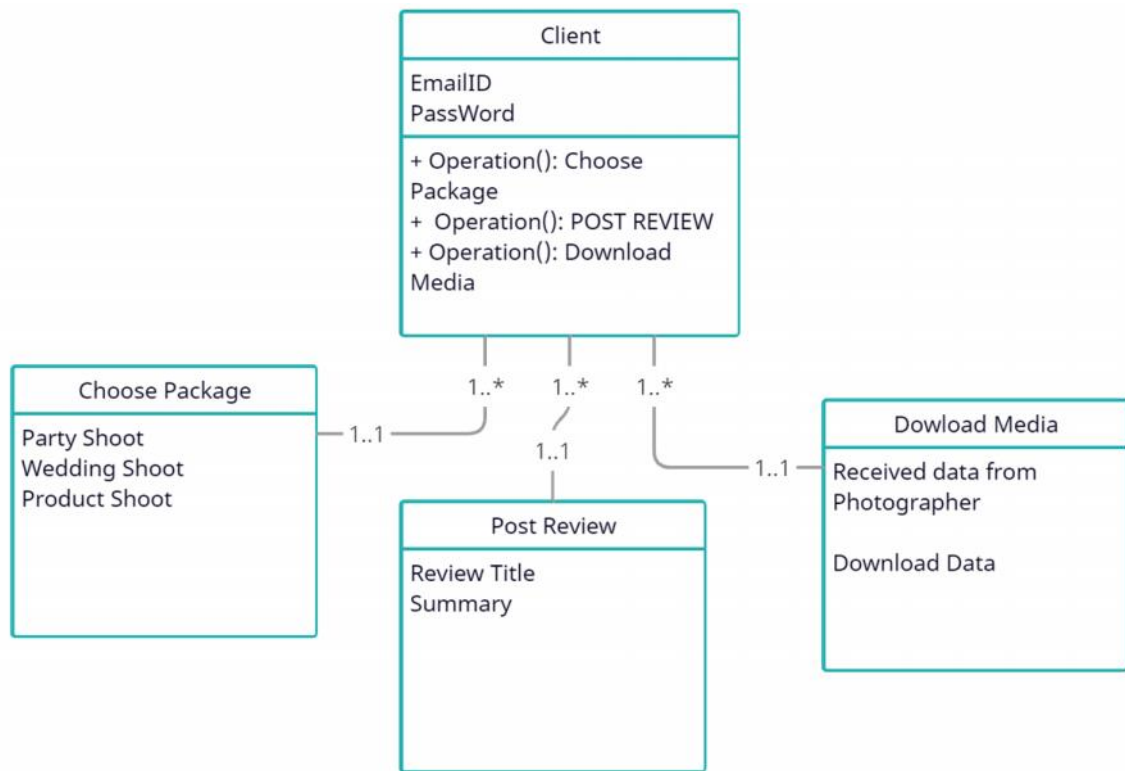
2. Activity Diagram



3. State Diagram



4. Class Diagram



8. Database Tables

1.Registration

Name	Data type	Key
ID	Number	Primary Key
Username	Varchar	
Email	Varchar	
Password	Varchar	
Token	Varchar	
Status	Varchar	
Role	Number	

2.Employee Table

NAME	DATATYPE	KEY
EmailID	Varchar	
Amout	Number	
Order Date	Date	
Payment Mode	Varchar	
TXN Status	Varchar	
Address	Varchar	
Uname	Varchar	
PID	Number	Primary Key

3. Review

NAME	DATATYPE	KEY
RID	Number	Primary Key
Rname	Varchar	
Remail	Varchar	
Rtitle	Varchar	
Rsummary	Varchar	
Point	Number	
Role	Varchar	

4. Upload Table

NAME	DATATYPE	KEY
ID	Number	Primary Key
File	Varchar	
Type	Varchar	
Size	Number	
Email	Varchar	

5. Gallery Table

NAME	DATATYPE	KEY
ID	Number	Primary Key
Image URL	Varchar	

9. Project Design (Screenshots)



Contact Us

Lorem ipsum dolor sit amet consectetur adipiscing elit. Asperiores, praesentium accusamus tempora sequi nostrum expedita autem fugit.

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Send Message

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4.08 / 5	4	Review
12 Review	3	
	2	
	1	
	1	

All Reviews

piyush
terabappayush@gmail.com
Verified User

Rating: 5 / 5

Title: good people
Summary: good people i got for my wedding photography also got our album with best pictures and prices so reasonable even broke can pay.

5 Tips For Having Beautiful Candid Wedding Photographs

Candid Photographs are becoming increasingly popular across the globe. While it was just a casual trend before, it has now gained popularity in the formal realm. Especially in weddings, couples now long to be captured in a beautiful candid picture. Infact, there are now photographers who claim to expertise in the field of candid photography. And nonetheless, the hype is well deserved. Candid pictures have a beauty so unique that it cannot be compared to the ones we pose for. However, getting a good candid picture is as tough as Joey Tribbiani sharing his food (and we all know just how difficult that was). And what makes it even tougher is when you are in a wedding setting. And therefore, we have compiled below a few tips that would help you get amazing candid pictures.

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1. Be Natural



10. Future Enhancements

We will be trying to deliver a full proof project but as the time scope of the project is limited everything is not possible in given time so we will be delivering them in future.

1. Our site can be accessed by multiple photographer providing user with sufficient choices.
2. Show live broadcast of marriage or other programs on the website so that the client can share it and share it with their relatives who can not come to that program due to any reason.
3. The client should get a chance to choose the package of his choice so that he can make the package of his wish and tell the photographer and the photographer can approve it.
4. Online tracking of the process of photo editing and video editing and album work by the photographer should also be made available, through which the client can see how much work has been done.

These are some of the future enhancements that we will be adding for now but we would like to mention that if something is required from the user side that will be our first priority & we will be supporting this project until it reaches a state where it does not require any assistance from our side.

11. Conclusion

Our project is based on photography. We tried to solve the problems faced by photographers and clients in the traditional photography business.

In this project, we have tried to make the work of photographers and clients easier and keeping in mind their benefits, according to today's era, it has been tried to make the work easier through the Internet.

Connecting this project to the internet has the advantage that now the customer can select the photographer by looking at the portfolio according to his requirement and the photographers can also promote this business at a low cost.

The customer can access and download the data through the Internet. This will save time for both the customer and the photographer.

We learned a lot of new things while making this project. We learned how to grow a business at a low cost. How to Work in Groups to Maximize the Production Value of a Project We tried to understand customer problems and situations where error can occur and tried to resolve them. We are not stating that our project is full proof but we tried our best to deliver a project which can handle most if not all the needs of users and employees and are committed to improve our project even further with time if any error is found or some new type of updates are required.

12. References

First of all select the proper software which is the most popular name VS Code which provides a lot of facility like auto-fill error in the proper line.

Took the help of some you tube channel to implement that design in real life project <https://youtube.com/c/CodeWithHarry>

<https://youtube.com/c/SmartProgramming>

<https://youtube.com/c/phpstepbystep>

<https://youtube.com/c/CSGeeksofficial>

With the help of all these, we completed this project well.