

A PROPOSAL BY

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BSC IN CSE

RELIABLE ONLINE STUDIO

Capturing Moments

Problem statement

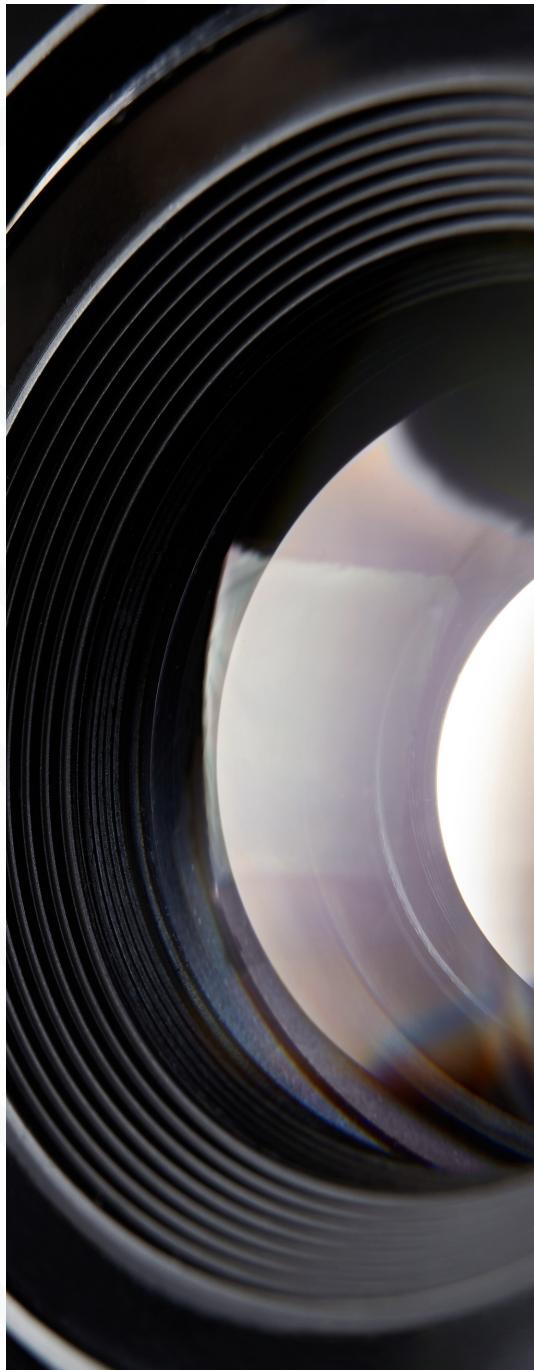


Photographers in Bangladesh are mostly bounded by their familiar contacts for getting a job. They mostly rely on references from acquaintances or other photographers to get a job. As a result, they get far fewer jobs compared to their expertise. On the other hand, clients also cannot find the type of photographer they want in terms of their demand, budget and time. Currently existing software do not balanced distribution of jobs, meaning that newcomers on the platform do not get much work even if they are highly skilled. A digital system must be developed which will be focused on actual skill and reliability of a photographer. Also, clients will be able to get their projects done by the right photographer who is flexible with their demands. The system will be called "Reliable Online Studio" or **ROS** in short.

Background Information

My inspiration for this project related to photography always has been to help the community in a way so that everybody involved wins. For the first time, we are providing service as a studio that is secure and punctual. As we will have total control over the pieces of machinery used and the delivery process, customer's photos or videos cannot be misused. We will also be able to deliver the products in time. In case of any accident, there will be spare employees who will finish the work in time. To speak about other renowned freelancing platforms, novice but potential candidates cannot prosper because of their rating system. To solve the problem, we have introduced a new parameter that will let the customers know about the novice but potential candidates who may thrive shortly on top of the rating system of choosing the best photographer. In this way, even not-so-skilled novice photographers can challenge the professionals in terms of cost. We have tried our best to create such a platform where the customers and the photographers will be benefited greatly.





Related/similar software systems

Fiver, Upwork is the existing software system available in the market for this purpose but the main problems with those are that they do not create a balanced marketplace. But our one does it dedicatedly. There are also other features like backup teams that we hold, which is unavailable in currently existing software.

Justifications

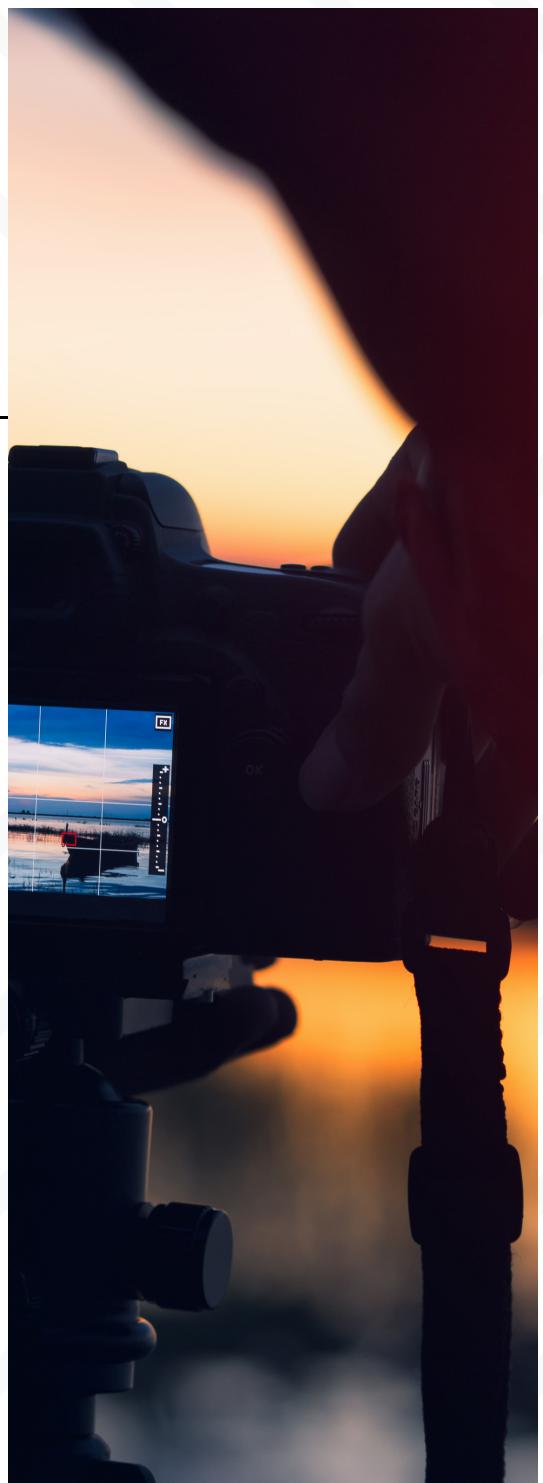
- Photographers can find their jobs very easily.
- Photographer get their jobs according to their expertise.
- Clients can find photographer in terms of their demand, budget and time.
- Photographer grow themselves by working with other photographers.
- Privacy

Goal

Build a web-based application to develop a marketplace for photographers.

Objectives

1. Build a web-based application to find a job easily for photographers.
2. Build a web-based application to find photographer easily for the clients.
3. Build an encryption system to ensure the security of both photographers and clients.
4. Build a job-oriented integration where a team of photographers will be ready to give backup for a dropped job to ensure that all clients task will be delivered in right time.
5. Build a web-based application where user can report and those reports are fixed by the staff members.
6. Build a user-friendly UI.
7. Build a web-based application to provide confidentiality between photographer and client.
8. Build a web portal to keep records for a long period of time as specified by policies.



Modules

Modules/ Work Items	Description
Login	Check all credential for login and redirect to destination account.
Photographer	Photographer module will manage job related to all operations: job finding, contacting with client, delivery, viewing progress report.
Client	This module will deal with finding photographer, post jobs, receive delivery.
Reporting	This module will be handled by the stuffs where they solve issues of photographers and clients.

Scope

In Scope	Out of Scope
Design and development of web portal for employee data management system	Automatic photographer suggestion.
Database server provision/management and security	Built in Photoshop.
Testing of system	Photographer Mentorship.
Secure and manageable code	
Deployment	

Deliverables

The complete web application along with all features, security and server services.

Help tour.

Risks

There maybe security risks due to vulnerability to cyber-attack.



Plan of work

A structured project management approach is being followed.

Note: The time allotted here is subject to change based on client availability to give details to project team

#	Phases	Details	Duration	Cost
1	Initial works	Define the project in detail based on targeted business case. Stakeholders need to be identified, information should be collected to understand feasibility and business values.	3 days	20,000
2	Planning phase	Clearly define specific and attainable goals. We will set a timeline, decide on project milestones and determine project deliverables in this phase. Works will be done in collaboration of all team members. Project will be broken down into smaller parts in this phase for better handling.	1 weeks	20,000
3	Execution phase	Project development team will be created and works will be handed down to appropriate resources. Project progress will be monitored based on the schedule created in the previous phase. Design, development and testing of the product will be done by the development team.	12 weeks	2,00,000
4	Closing things up	Look back at things and determine success level of the project.	2 weeks	10,000
Total Time			15 weeks 3 days	2,50,000

Product development work breakdown (12 weeks)

Traditional waterfall method is used for this breakdown.

Note: The time allotted here is subject to change based on client availability to give details/guidance to the implementation team

#	Phases	Details	Duration
1	Understand requirements	Requirements will be collected and documented in use case format.	1 week
2	Architecture and design	Architecture of the product will be determined. Detailed design will be created to start the actual development. Technology platform will be decided. Design for data storage (database design) will be created. We will also create an initial test plan and test cases in this phase.	2 weeks
3	Coding/Implementation phase	Implementation of the use cases will be done based on established practices and standards. Unit testing may be enforced for cleaner code.	6 weeks
4	Testing	Testing will be done based on test plan and test cases. User acceptance testing will be done in closed groups. Bug fixes and regression testing will be done here.	2 weeks
5	Deployment	Deploy the system and make it live for general users.	1 week
			Total Time 12 weeks

Signatories

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