

**CAPSTONE PROJECT REPORT**

**Report 1 – Project Introduction**

– HoChiMinh, September 2020 –

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# I. Project Report

## 1. Status Report

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Work Item** | **Status** | **Notes (Work Item in Details)** |
| 1 |  | Pending |  |
| 2 |  | In Progress |  |
| 3 |  | Completed |  |

## 2. Team Involvements

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Task** | **Member** | **Notes (Task Details, etc.)** |
| 1 |  | Thaott |  |
| 2 |  | Datbc |  |
| 3 |  | Kiendst |  |
| 4 |  | Mytn |  |

## 3. Issues/Suggestions

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Issue** | **Status** | **Notes (Solution, Suggestion, etc.)** |
| 1 |  | Pending |  |
| 2 |  | In Progress |  |
| 3 |  | Completed |  |

# II. Project Introduction

## 1. Overview

### 1.1 Project Information

* Project name: Photographer Booking System
* Project code: PBS
* Group name: FA20SE21
* Software type: Mobile Application, Web Application

### 1.2 Project Team

#### a. Supervisor

|  |  |  |  |
| --- | --- | --- | --- |
| **Full Name** | **Email** | **Phone Number** | **Title** |
| Lại Đức Hùng | Hungld5@fe.edu.vn |  | Lecturer |

#### b. Team Members

|  |  |  |  |
| --- | --- | --- | --- |
| **Full Name** | **Email** | **Mobile** | **Role** |
| Trần Thiên Thảo | Thaottse62888@fpt.edu.vn | 0903917982 | Leader |
| Đào Sỹ Trung Kiên | Kiendstse63208@fpt.edu.vn | 0769606867 | Member |
| Bồ Công Đạt | Datbcse63154@fpt.edu.vn | 0915223623 | Member |
| Trương Ngọc Mỹ | Mytnse62050@fpt.edu.vn | 0906969071 | Member |

## 2. Product Background

Despite the ever-increasingly fast-paced development of science and technology, there are still difficulties in the connections between customers and photographers.

As for customers:

* They find it difficult to contact skilful photographers living nearby or near where they want to shoot.
* They cannot view photographers’ working schedule, so they are not able to book the ones they want.
* Without viewing photographers’ albums beforehand, they are not sure if photographers’ style meets their requirements before booking.
* They are unlikely to find the appropriate rates quickly.

As for photographers:

* They are likely to miss potential customers living nearby or near their current shooting sites because customers do not know where they are and how to contact them.
* Applications that allow them to arrange a working schedule and receive bookings from customers are scarce.

## 3. Existing Systems

Currently, there are a myriad of platforms that help connect freelancers from various industries to the customers. However, there are only a few platforms specializing in photography. In addition,

there are no systems or applications that provide photographers with time and business management.

Below are some employment and job-search systems that the team takes into consideration while doing research. Learning from their strengths and weaknesses can help better the team’s product/system.

### 3.1 WeHelp

WeHelp is a platform which allows freelancers from a wide range of industries to market their skills and services that companies, organizations and others may need.

Link:

<https://wehelp.vn/>

[https://apps.apple.com/us/app/wehelp-tìm-người-tìm-việc/id1447795502/](https://apps.apple.com/us/app/wehelp-t%C3%ACm-ng%C6%B0%E1%BB%9Di-t%C3%ACm-vi%E1%BB%87c/id1447795502/)

System actors:

* Customer.
* Freelancer.
* Admin.

Features:

* Allow freelancers to market their skills and services.
* Allow customers to state their requirements and book photographers.

Pros

* Good design, user-friendly

Cons

* Covering a wide range of job sectors, hence not well-support any sector.
* No time management for freelancers.
* No payment method.

### 3.2 vLance

A job-search website for freelancers, which helps companies or individuals reach the ones that can fulfil their needs.

Link: <https://www.vlance.vn/>

System actors:

* Customer.
* Freelancer.
* Admin.

Features:

* Allow customers to add job postings and desired commissions.
* E-wallet is supported.

Pros

* Allow freelancers to propose competitive commissions.
* E-wallet helps ensure both sides’ benefits.

Cons

* Complex layouts, not user-friendly.

### 3.3 Tripo

Tripo is a young developed web application for photographer booking. Provide photographer and studio ways to approach potential customers and express their skills.

Link: <https://tripo.vn/>

System actors:

* Customer.
* Photographer.
* Admin.

Features:

* Allows customers to post their request as auction format.
* Photographers can offer the price after viewing customers’ requests.

Pros

* Specialize in the photography domain.
* Easy to use design.

Cons

* Don’t support mobile applications, lack of interactivity.
* Don’t support schedule managing features for photographers.
* Customers can’t book directly from their favoured photographer.

## 4. Business Opportunity

The model that we want to build is not the one emerging in the current market, which freelancers seek websites such as vLance, FreeLancerViet in Vietnam or foreign ones such as Upwork, PeoplePerHour and so on. Despite their long-time existence, they still have limitations, which is a huge opportunity for the research team. Researching comparison websites and users’ feedback, the team realized that most job search websites allow customers to hire photographers, but they cannot arrange shooting time effectively. In addition, photography has various branches such as cosplay photography, portrait photography, product photography, etc. Each of these branches would have its techniques, which means that shooting prices vary. The team would like to improve the drawbacks of those job-seeking websites via this project.

In fact, there is also a need for contact between customers and photographers to help minimize difficulties in finding the most appropriate one. With the team’s product, customers could save a lot of time in searching and thanks to other users’ feedback, they no longer need to ask for advice from friends, family or social networks. Customers would be able to view photographers’ working schedule and then easily arrange desired shooting time. Photographers would not miss potential customers and have the chance to market their abilities via profile and users’ feedback. They could also be more flexible in their working time management.

## 5. Software Product Vision

Intending to help customers easily contact skilful photographers, the researchers came up with the idea of building two mobile applications, which serve as a platform for connecting customers and photographers and vice versa.

All things considered, this project is conducted to provide customers with a faster, more convenient and effective way to contact photographers. They now can view photographers’ working schedules and make their reservations easily without double-booking. Similarly, photographers can also efficiently arrange their schedule and manage their bookings.

Thanks to those applications, customers can reach the most appropriate photographers based on criteria such as shooting time, rates, and feedback from other users. Customers would also be provided with a pricing list and can avoid being overcharged. On the other hand, photographers can easily get booked, upload their album, efficiently manage their working schedule and develop their brand thanks to users’ feedback.

## 6. Project Scope & Limitations

### 6.1 Major Features

FE-01: Customer can search for photographers based on requirements

FE-02: Customer can view photographers’ album, services and profile

FE-03: Customer can like photographers’ album

FE-04: Customer can book photographers that meet requirements and be able to cancel bookings due to inconvenient time and weather

FE-05: Customer and Photographer can view booking history

FE-06: Customer and Photographer can view direction to booking history

FE-07: Customer and Photographer can edit and cancel booking

FE-08: Customers can rate and write review for photographers

FE-09: Photographers can manage their schedule

FE-10: Photographers can create and edit their album

FE-11: Photographers can manage services they provide

FE-12: Photographers can accept or decline customers’ request

FE-13: Photographers and Admin can view customers’ review

FE-14: Admin can disable customers’ review

FE-15: Admin, Photographer, Customer sign up and sign in

FE-16: Admin, Photographer, Customer add, delete and edit profile and change password

FE-17: Admin, Photographer, Customer có thể xem forum

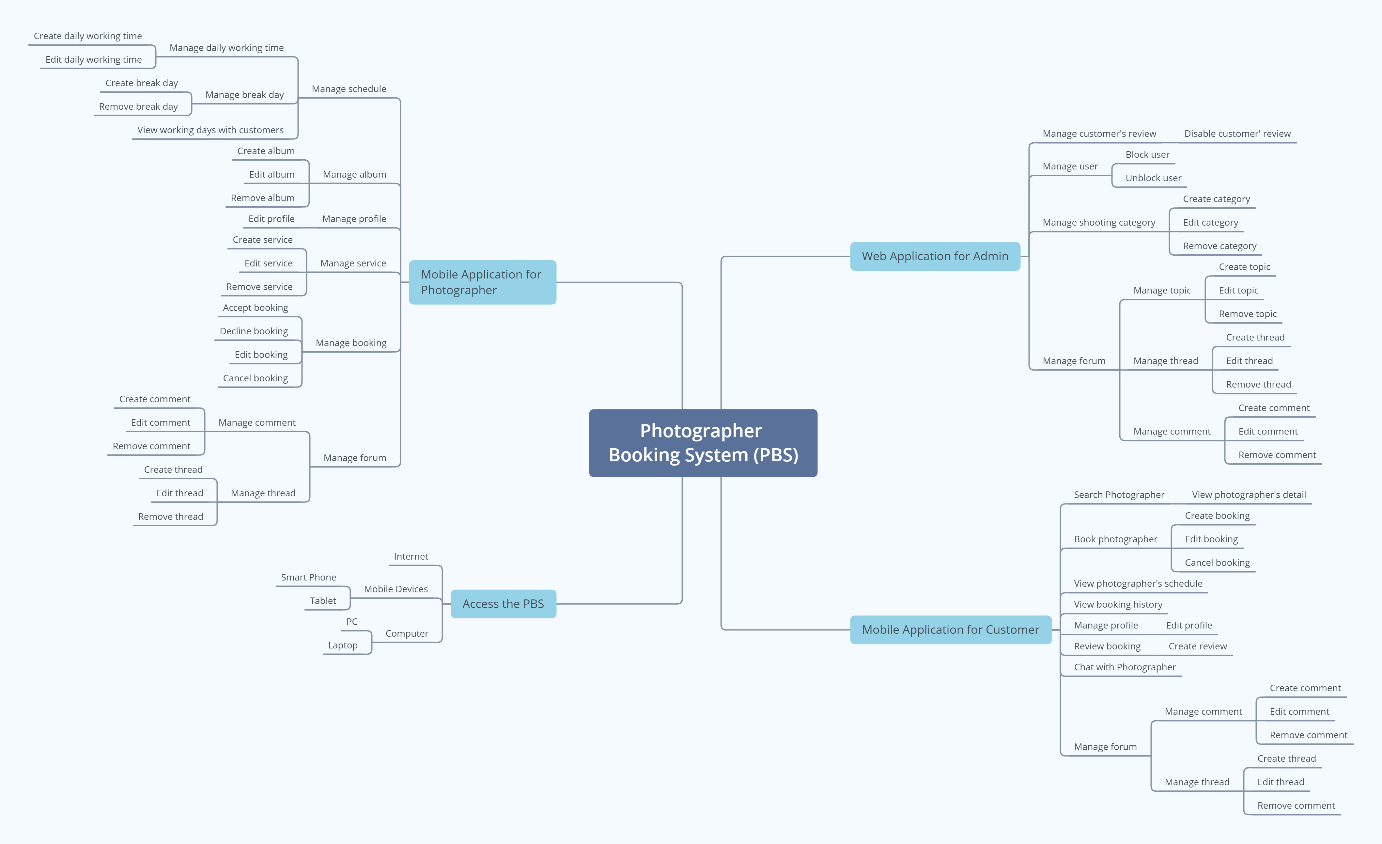
FE-18: Admin có thể tạo, chỉnh sửa và xóa topic của mình

FE-19: Admin, Photographer, Customer có thể tạo và chỉnh sửa và xóa thread của mình

FE-20: Admin, Photographer, Customer có thể tạo, chỉnh sửa và xóa comment của mình trong thread

FE-21: Admin có thể xóa comment và thread

FE-22: Customer và Photographer có thể chat với nhau



***Figure 1 - Mind map***

### 6.2 Limitations & Exclusions

LI-01: The application has not supported payment.

LI-02: The system has not had a photo verification feature.

LI-03: The system has not provided a website version to both customers and photographers. Users may find it uncomfortable to use applications.

LI-04: The system has not had a chat box for communication between customers and photographers.