

Table of Contents

1. Introduction  
 Business case

1. Task 1 Frontend Development

page developed

Technologies Used

3. Task 2 Backend Development  
  
Server Set

API Endpoints

1. Database Deign  
   ERD  
   Implementations
2. Conclusion

Introduction

Business Case

for this project I made web application for my photography business I've been doing photography now for the past half decade, so he thought it would be a good idea to have finally have a website that I can call my own I used to have a WordPress website and Squarespace website but it got too expensive so for years I didn't have any place to share my work. The project aimed to develop a full-stack e-commerce web application using the stack of React, Node.js, Express and Firebase, and I used Material UI’s for responsive Design.

Prototype

Before I started, I laid out the design for the website to give myself a clean vision, I make this in Figma.

A grey rectangular object with text

AI-generated content may be incorrect.

**Page development**

**The Home page**

The Home page is divided into sections, which are the following   
  
**Hero section:**   
  
Portfolio section: where I show a quick overview of what my photography highlights are  
  
Print shop section: where users can buy prints  
  
Services section: an overview of the services I give  
  
Contact form: how people can get in contact with me

**Login/Signup Page**

Login/Signup page unfortunately does not work at time of writing. Was trying to do dirty work around.

**Portfolio page**

This page is just to show up my work over the years

**Photo catalogue**

The photo catalog Is split into 3 sub-sections

Dublin, Celbridge and Miscellaneous entering one of them will open the shop front, All prints are 20x30cm and printed on high-quality paper.

Then, if a user clicks on all details, it will open the next page, which is for payment. The page displays two buttons: pay with PayPal, which goes to a boilerplate PayPal ink, and remove from cart will pop up the cart page where you can remove items

**Hire me page**

This is a form that lets people hire me for shoots. The information it gets from users is the following

User Full Name, Email, Type of Shoot, Preferred, and Additional Details.

Overall user experience

The user experience was a big part of the processes for me, I wanted everything to be laid out nicely 95% of the font is the same through all the website I kind of wanted to have like a handwritten style for the typeface so I chose Dancing Script and Reenie Beanie for most of the website.