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Petree’s Prints

CEN3031

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**1. Product Overview**

**1.1 Brief Description of the Project**

This project consists of a web app that allows customers to order large-format prints of their images on various media. Users can upload a file, select options, and then their payment details are processed via PayPal. The business owner can see and manage these orders through a business dashboard, as well as customize the size and medium options that customers may choose from.

**1.2 Major Features Proposed & Completed**

**Description of prioritized features for this development effort**

<Add description>

|  |  |
| --- | --- |
| **Proposed** | **Completed** |
| • Users accounts and log-ins  • |  |

**1.3 Links to Useful Project Information**

**Live Web Application URL** <https://petrees-prints.herokuapp.com/>

**GitHub** (Code Repository) - <https://github.com/ajohnsonhogan/PhotograFly>

**Web Server Hosting Provider - Heroku** <https://www.heroku.com/>

* Username: petreesprints2@gmail.com
* Password: printsgroup2!
* App Name: petrees-prints

**Payment Processing – PayPal**

<add info here>

**Database Hosting: MongoDB Atlas**

<add info here>

**Wireframes** (Visual Low-fidelity Mock-ups of Web Application)

**Pivotal Tracker Link** <https://www.pivotaltracker.com/n/projects/2310225>

**2. Product Planning**

**2.1 About the User Stories Creation Process**

After receiving information from the client about the web app, our Product Manager and Scrum Master spearheaded the effort to create user stories that encapsulated each aspect of the web app’s functionality. These user stories focused on the end user’s interactions with the site and ability to successfully complete orders as well as the business owner’s ability to quickly and efficiently fulfill orders and run their business.

During the development process, our team refined the user stories and tasks in order to better align with the intended goals of the web app and the features we planned to implement. This included adding new user stories for features that we determined were necessary to run the site, removing user stories for features that were phased out, and updating user stories and their tasks to be descriptive of the actual development process.

<3 paragraphs of information about making and updating user stories, talk about their adaptation>

**Pivotal Tracker link:** <https://www.pivotaltracker.com/n/projects/2310225>

**2.2 About the Wireframes Creation Process**

The client provided some basic expectations of the functionality required for the web app. Using these specifications, our team created a wireframe for each page of the web app, including the various buttons and fields that would allow users to interact with the app. These wireframes also included concepts for a business-side order management page which was not specified by the client, but that our team felt was necessary for the proper functioning of the web app.

During the development process, the visual design of some pages changed to better communicate the intended purpose of the web app to users and the client. These changes were motivated by input from testers during our usability testing procedures. In addition, some new pages and features were added during the development process when we felt that they could further the client’s goals and the usability of the site.

The interactions between each element of the web app were also mapped out at this stage using UML interaction diagrams in order to help us better understand the required functionality for the web app. Due to technical constraints discovered during the Agile development process, these described interactions are not entirely representative of actual functionality in the implemented web app, but they are indicative of the “broad strokes” of the web app’s functionality.

We constructed wireframes for each page on the web application …

**3. Technical Specifications**

*Example:*

**MEAN.JS Development Technology Stack**

This web application was built using MEAN.js Version 0.4.2 <<http://meanjs.org>>. We cloned the repository to GitHub <<https://github.com/ajohnsonhogan/PhotograFly>>.

**Modules Developed for this project**

<module> - link to Location in GitHub Repository - Developer(s) names

**Database**

Mongo is a No-SQL database that stores your data in simple schemas. Below are schemas that were developed for your project.

<Description of the schema and connection to web app functionality>

<Include screenshots or text representations of the schema>

**User Interface Styling (CSS & Bootstrap/other framework)**

Your web app was styled using CSS v. 2.1.3 & Bootstrap v. 3.3.5, as well as the Google Font API.

**Location of CSS & Styling for this project**

client/styles/main.css – Asher, Matthew, Jackie, Michael

**4. Deployment Information**

4.1 Description of Deployment

The application was deployed with Heroku, a cloud-based lightweight hosting platform. This platform interfaces with the Master branch of the GitHub repository, automatically updating and deploying changes to the codebase

4.2 Deployment Links

* **Copy from above**

**4.3 General Instructions for your deployment**

*<Describe where the source code for the deployment is located and how it is updated on the deployment site>*

The web app is currently deployed using Heroku under the low-traffic setup at no cost. This could be migrated to a new server provider using the provided information if the situation necessitates.

**Database**

We are using a Mongo database for your web app. It is located at <url>. Your capacity is ? and you are currently using ?. At current and expected capacity, this solution is free.

Login Information: Username & Password.

If you want to change your username and password, visit <link>.

If you want to review your account visit <link>

The current connection string/key/parameters are <>

If you want to change out your database, you will need to set “parameter” with xxx value.

You can update this value in your web app in file name - path to file or deployment settings. Include screenshots.

**Image Storage**

We are currently storing your files for your web app on <the server - location> or <AS2 - amazon’s web storage>. Your capacity is ? it cost you?

Login Information: Username & Password.

If you want to change your username and password, visit <link>.

If you want to review your account visit <link>

The current connection for accessing your string/key/parameters are <> .

You can update this value in your web app in file name - path to file or deployment settings. Include screenshots.

**5. Testing Information**

**6. Supplemental Documents**

* Web Architecture
* Database Models