



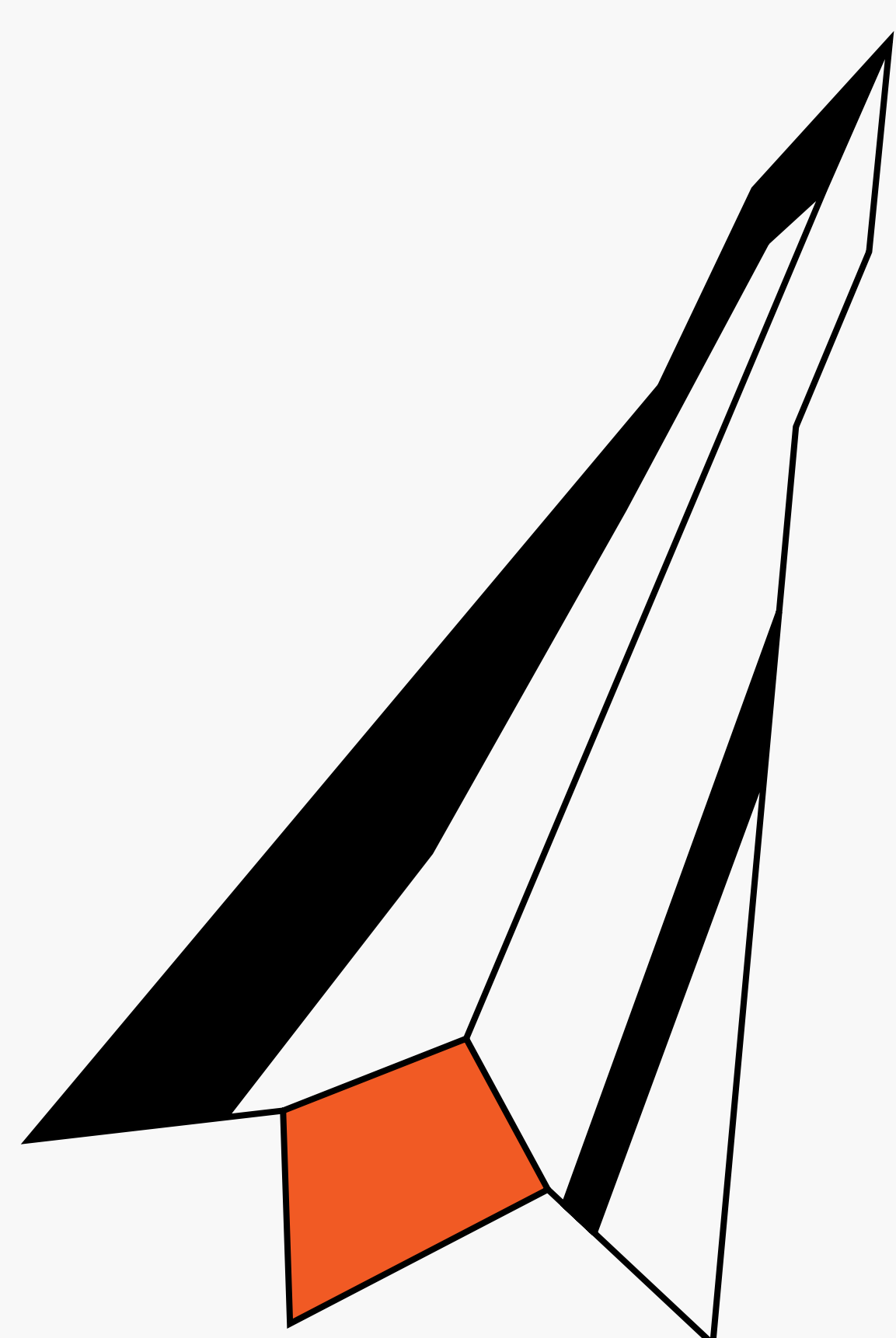
```
// Greeting  
Hi there!
```

```
// Who am I?  
const me = {  
  name: "Rouxan",  
  student: true,  
  studentNumber: "231013",  
  age: 21,  
  majors: ["Interactive Development", "Industrial Design"],  
  likes: ["Raccoons", "Cats", "Cars", "Tech", "Design"],  
  instagramHandle: "@rouxan.designed"  
}
```

```
// DV200 Semester 1 Project Showcase
```


// DV200 Semester 1 Term 1 Project

// Rocket Readouts



Rocket Readouts



About the Project

Rocket Readouts is my first project of second year at Open Window DV200. Using React and Charts.js to make a SPA that visualises data from the SpaceX API. It has: a Dashboard (providing a summary of the data gained); a Compare page (that allows you to compare two objects - Rockets and Launchpads); a Timelines page visualising a number of data points over time and, lastly, a map displaying successful and unsuccessful launches at various launchpad sites using Leaflet.

Features

- **Data Dashboard:** Summary of important launch data.
- **Launch Data Visualisation:** Display detailed information about SpaceX launches.
- **Compare Objects:** Compare rockets or launchpads respectively.
- **Timelines Data Visualisation:** Display information about SpaceX launches over time.
- **Map Visualisation:** Interactive map showing launchpad locations with circles indicating successful and unsuccessful launches.

Tech Stack

- **React:** A JavaScript library for building user interfaces.
- **react-chartjs-2:** A React wrapper for Chart.js for creating interactive charts.
- **Leaflet:** An open-source JavaScript library for interactive maps.
- **Axios:** A promise-based HTTP client for the browser and Node.js.
- **React Router:** A collection of navigational components for React applications.

Repo Link

https://github.com/RP231013/DV200_S1T1Project





About the Project

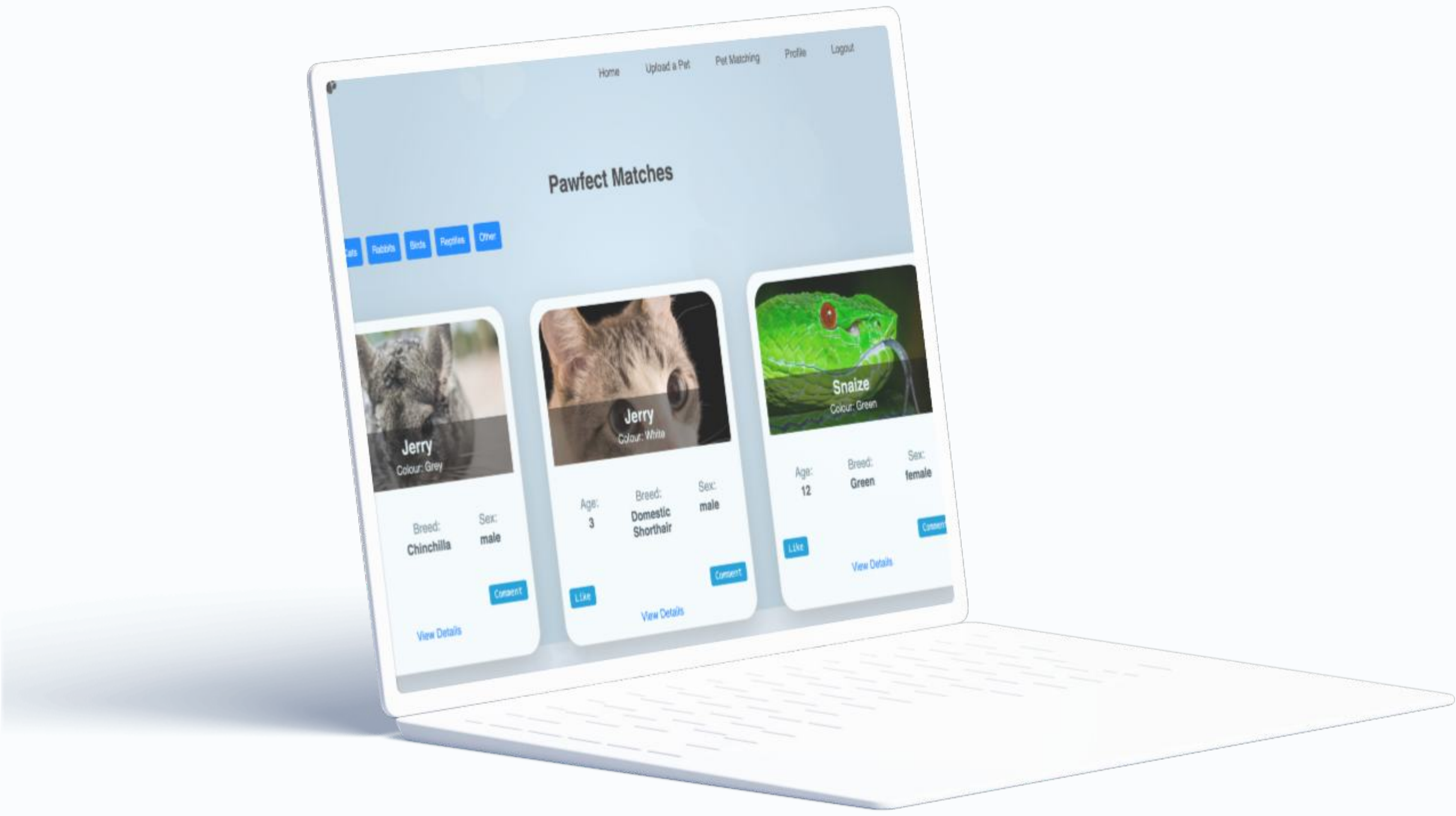
PawPrints is a pet adoption application built using the MERN stack (MongoDB, Express.js, React, Node.js). It allows users to register, log in, upload pet listings, like and comment on pets, and adopt pets. Admin users can approve pet listings and manage users.

Features

- User authentication (registration and login)
- Upload pet listings with images
- Like and comment on pet listings
- Adopt pets
- Admin approval for pet listings
- Admin user management

Tech Stack

- **MongoDB Atlas:** A NoSQL database for storing user and pet data.
- **Express.js:** A web application framework for Node.js, used to build the backend API.
- **React:** A JavaScript library for building user interfaces, used for the frontend of the application.
- **Node.js:** A JavaScript runtime built on Chrome's V8 engine, used to build the backend server.
- **Mongoose:** An ODM (Object Data Modelling) library for MongoDB and Node.js.
- **Axios:** A promise-based HTTP client for the browser and Node.js, used to make API requests from the frontend.
- **Bcrypt:** A library to hash passwords, used to enhance security by storing hashed passwords.
- **Multer:** A middleware for handling multipart/form-data, used for uploading images.



Repo Link

https://github.com/RP231013/PawPrints_DV2_T2_GroupProject

ERD Diagram

