

Security-Petswala

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Project Overview

Petswala is an android app which aims to be a space which connects different members of the pet community. Built majorly using flutter, nodeJS, MongoDB and heroku plus other cloud services.

Main Features

- A pet related service marketplace where you can book and hire service providers
- A pet accessory marketplace where shop owners can set up their stores to sell accessories
- A social media feed where users can chat, share advice, post blogs, post lost/injured pets, post photos and much more.
- An adoption service where users can put up pets for adoption or adopt them



Security Threats/Risks

- Sensitive Data Exposure
- Broken Access Control
- Insecure Communication

Potential losses

- Reputation loss
- Business loss
- Litigation losses



Controls

- Server side authentication and authorization
- Secure and Encrypted Storage
- Using SSL/TLS certificates
- Input validation



Tools Selection

Dynamic Testing

- Flutter-test
- Burp Testing tool

Static Testing

- Dart analysis



The background features a dark purple gradient with three large, semi-transparent overlapping circles. One circle is light blue at the top and magenta at the bottom. Another is magenta at the top and light blue at the bottom. A third, smaller circle is located in the bottom right corner.

Questions?