

+ ECommerce Fraud Detection



+ Requirement Overview

The eCommerce Fraud Detection System aims to provide a secure and reliable platform for users to buy and sell products online. The system will be developed using Flutter, ensuring cross-platform compatibility for both Android and iOS devices.

Requirement	Details
User Registration and Login	<ul style="list-style-type: none"> ● Users should be able to register with the system. ● Users should be able to log in and log out securely.
User Roles	<ul style="list-style-type: none"> ● The system should differentiate between admin and regular user roles. ● Admins should have additional privileges compared to regular users.
Product Management	<ul style="list-style-type: none"> ● Admins should be able to add new products to the system. ● Users should be able to view products and add them to a shopping cart.
Transaction Processing	<ul style="list-style-type: none"> ● Users should be able to purchase products. ● Transactions should be processed in a reliable manner.
Search Functionality	<ul style="list-style-type: none"> ● Users should be able to search for Terms using autocomplete. ● Search results should be accurate and relevant.
Fraud Detection	<ul style="list-style-type: none"> ● AI to detect transaction fraud. ● AI to detect malicious URLs when adding a product. ● AI to detect content moderation fraud when adding a product. ● AI to detect whether a user is a bot or not.
Power BI Report	<ul style="list-style-type: none"> ● The Power BI report will provide visualizations and insights into the eCommerce platform's performance and fraud detection statistics. ● The report will feature several dashboards that provides an overview of key metricsnumber of users and fraud detection rates. ● The 3 fraudulent types are vizualised, summarized, and displayed.