**Problem statement of Project**

The aim of this project is to develop a web application of **Second-hand goods Buying and Selling Platform** named 2nd trust (second trust).People look forward to reliable application that enable people to sell and buy without the hassle of contacting or paying an intermediary. People can post the picture of product which they want to buy with details like price a short description etc. On sell of product user will get some coin after a certain amount of coin the seller can buy a product with more than 50% discount.

**Application end Users:**

Admin.

Customers.

Shopkeepers.

**Functional requirements:**

* Phone or Email authentication.

customer can register using email and phone.

* Upload multiple pictures.

A Shop keeper who adding their product can add multiple pictures for product.

* Update products.

A Shopkeeper can add 1 product or multiple products.

* User Dashboard.

User that Registered in app must have Dashboard to see details and visited products etc.

* Coin management with user.

On buy a product customer would get some coins. After a certain amount of coins customer will be able to buy a product on discount.

* Difference between new item products and used products.

Shopkeeper can add brand new items and also used product.

* Payment management.

Payment management for shopkeepers and customers. A Shopkeeper can view amount earned by selling products.

* Link payment Gateways.

Stripe Payment gateways is use for product. Stripe must be integrated.

* Customers Locations.

Customer location must me add when a product will be added. Customer can view product seller’s location.

* Suggestion of different products.

Suggestion of product on the bases of key points.

* Easy searching of products based on different entity.

Different type of search e.g on the base of name or type and price.

* Everything manages on the base of (uid).

Product, shopkeepers and customers must be managed by universal user Identifier.

* Sold out button.

Sold out button on the product page to place order.

* Reports .

Admin can view and generate some reports.

* Complete Details about products.

Customer can explore completes details about Product.

* Admin dashboard.

On admin dashboard there are many functionalities like admin can view and explore product, can search product and user and shopkeepers.

* Admin can view statistics.

Admin can view different Statistics for product. e.g product added in last week’s etc.

* customers history record.

Customers history from when customer register an account on app. Customer search history and product visit history.

* Product related questions (messaging).

Customer can ask questions about product and can message to shopkeepers.

* Download product images.

Customer Can download product images for explore more detail from internet about product.

* Product Feedback.

Customer can give Feedback about product.

* Share product data.

Customer can Share product details to on other social media platform.

**Non-Functional Requirements:**

1. Performance.
2. Scalability.
3. Security.
4. Compliance.
5. Reporting and Analytics.