Scrap Management System

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Abstract: *In today's sustainability-driven landscapes, efficient scrap management stands as a paramount concern. This project presents "Scrap", a web platform designed to facilitate recyclable material exchange and promote sustainable practices. Core features include user registration, easy scrap listing, buyer interaction, secure transactions, and an admin interface. Following user-centered design principles, Scrap prioritizes simplicity, accessibility, and intuitive navigation. Sellers can effortlessly list items, while buyers explore diverse listings. Real-time messaging and secure payments enhance trust, fostering convenient interactions. The project's foundation includes seamless user experiences. Using this web application we are designing a user friendly interface which is helpful to manage a scrap without having any issue.*

Keywords: Scrap management, Managers, Web application, User friendly interface

I. INTRODUCTION

1. Scrap-A Marketplace for Scrap and Tangible Waste Scrap/waste Management, Android, e commerce, ScrapApp logistic regression SCRAPP is an app that will help users to browse products and communicate with the seller in matter of no time. Reduce work of searching for the sellers.

2. Research on Web-of-Trust- Based Personalized Seller Recommendation Algorithm for ECommerce web-of-trust, trust transitivity, direct trust, recommending trust Personalized Seller Recommendation Algorithm . A new solution of using trust information for personalized recommendation is explored. Customers need an internet data package in their devices to use this system.

3. Lessons from the scrapyard: Creative uses of found materials Sustainable design, Musical controllers, Wearables, Artistic applications DIY Computing Scrapyard principles and methodology may prove be a powerful and flexible asset Product suitability: Customers have to depend on product images to purchase products.

II. PROPOSED SYSTEM

The proposed system, "Scrap Management," introduces an online platform that revolutionizes scrap material management. It offers an organized marketplace for sellers to list and sell recyclable items, while buyers can easily discover and purchase valuable resources. This system provides secure transactions, real-time communication, and promotes responsible recycling practices. Scrap Management addresses the inefficiencies of the existing system by creating a user-friendly interface, connecting users, and contributing to sustainable waste management and environmental preservation.
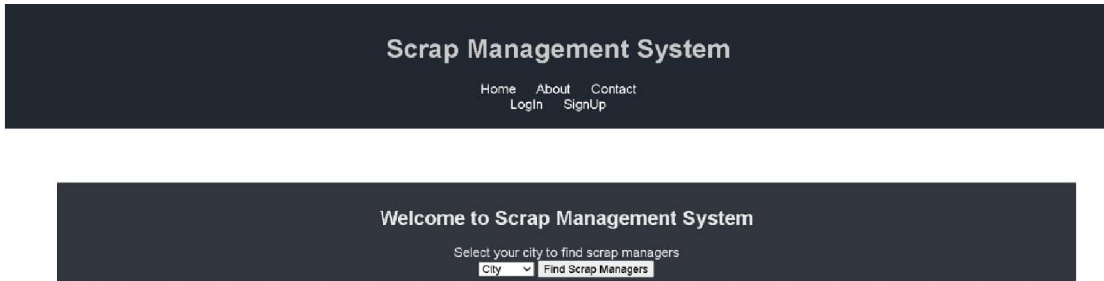
Advantages of Proposed System:

- Efficient resource utilization
- Convenience and accessibility
- Promotion of recycling
- Reduced environmental impact
- Secure transactions
- Awareness and education
- Economic benefits
- Scalability and broader impact

III. ACTIVITY DIAGRM
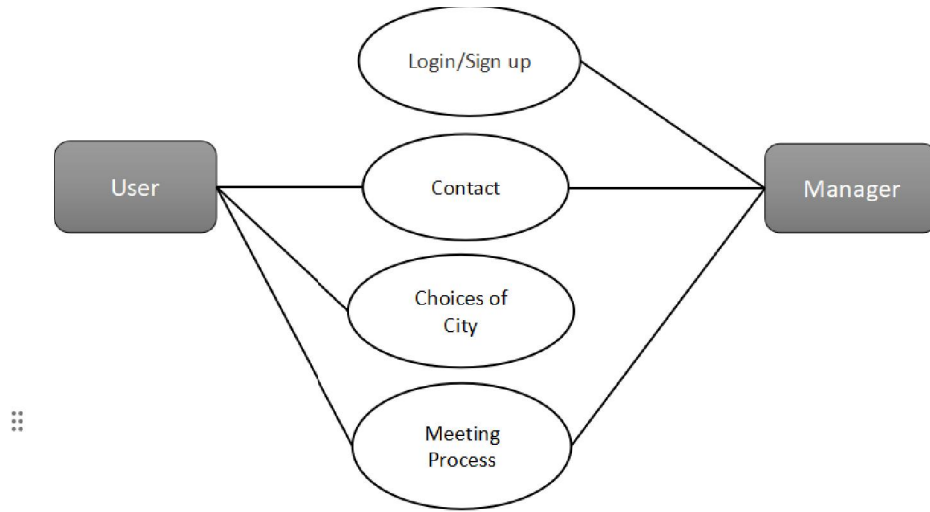
IV. RESULTS

V. CONCLUSION

All In conclusion, the development of the "Scrap Management system" represents a significant milestone in providing an efficient and user-friendly platform for managing scrap materials. Through rigorous testing, including and integration testing, the system's functionalities have been thoroughly validated, ensuring its reliability and functionality. The integration of user authentication, listing creation, messaging, transactions, and search features has been successfully implemented, creating a cohesive user experience.

VI. ACKNOWLEDGMENT

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