

SCRAP SERVICES AND MANAGEMENT

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ABSTRACT

This project proposes the knowledge of trading the scrap metal from the discarded and re-modified containers. Generally, several container depots contain a huge amount of scrap metals with it. If a user is in need to buy a scrap metal for recycling or reconstruction they have to move to container depots and have to buy those metals by clearing the formalities in CFS (Container Freight Station). So our application helps the Depots to sell their scrap and helps the users to directly pick up those scraps.

KEYWORDS: Synchronized database, validation, Decentralized, Member Id, share and view.

I. INTRODUCTION

This project shows a secure management of scrap services connecting people in network and share the details of scrap materials with more security. Only the particular people can view the details not others can see the information. This is used to share the materials to the customers who have registered. This contains three modules. Depot will upload the scrap details for reconstruction and recycling respectively. User can view the details which was uploaded by depot and can book the materials of their choice.

Admin contains dashboard with count of total number of depots and users with scrap weightage and total number of orders. Admin needs to give approval to full depot details. Admin contains the registered entire user details and contains the entire orders placed by the user.

PURPOSE OF THE PROJECT

Our project is to provide the details of scrap in secured manner. We have implemented three modules for this project they are admin depot and user. Each module plays an individual role for storing and securing data. By implementing this in online it save the time for users and user can view the details of materials by their internet. User can able to choose materials in more efficient way and even can generate their invoice by using this application.

II. PROPOSED SYSTEM

The proposed system of this project is to share the scrap materials to the users through internet and make them buy through online by booking the materials. If a user is in need to buy a scrap metal for recycling or reconstruction they have to move to container depots and have to buy those metals by clearing the formalities in CFS (Container Freight Station). So we are going to develop a web application that helps the Depots to sell their scrap and helps the users to directly pick up those scraps, user need to register their details and they can order there scrap for recycling and reconstruction.

Advantages:

1. Easy to preserve records for future purpose.
2. Helps to identify the strengths and weaknesses in your business helps manage changes and improvements in your business
3. Maintaining records is easy and makes it quicker to prepare your accounts at year-end.

III. STUDY OF THE PROJECT

Module description.

Authentication and Authorization Module

Authentication is about verification of your credentials such as Username/User ID/Email ID and password to verify your personality. The system analysis, whether you are using your credentials or not. However, the authorization process of this is to give access in the form of approval to the user. So that after the approval the one can able to access by verifying your rights.

This project has three module.

Admin:

Admin Home : Contains dashboard with count of total number of depots and users with scrap weightage and total number of order.

Depot details : Contains full depot details and admin needs to provide approval.

User details : Contains the registered entire user details.

Order details : Contain entire orders placed with user and depot details.

Depot:

Depot Home : Contains dashboard with scrap weightage and total number of orders.

Add Scrap : Contains two panels to upload scrap details for reconstruction and recycling respectively.

View Scrap : Contains scrap detail of that individual depot.

Users:

Scraps : List of all the old containers and scrap metals will be displayed.

Bookings : Contain order details of that user's bookings.

Generate invoice : User can generate invoice for their current orders and can download.

USE CASE DIAGRAM

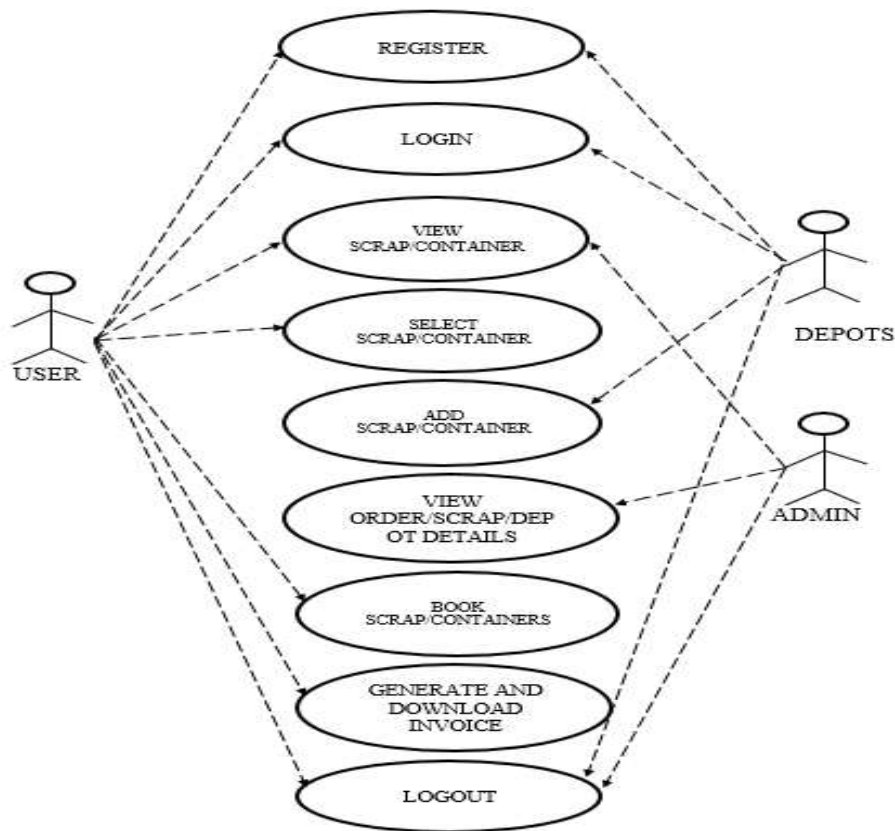


Fig-1: Use Case Diagram

IV. OUTPUT SCREENS

Home Page

The output screen for home page is a web page or an entry page to a website. This page is initial page to start the process.

- a. **Admin login:** A login page may be a website or an entry page to an internet site that needs user identification and authentication.
- b. **Depot login :**The depot after login goes to depot home page to view or add the scrap in that page and also view the orders which was ordered by user finally logout.
- c. **User login:** The user want login first by filling the details then the user can able to select and book the scrap or container after booking the scrap or container the user can generate and download invoice for the material they booked and then logout.



Fig-2: Output screen for home page

Admin Home

Figure3 shows the output screen for admin home page. This page shows the user, depot and order details and their count which is more efficient for admin to know the details.

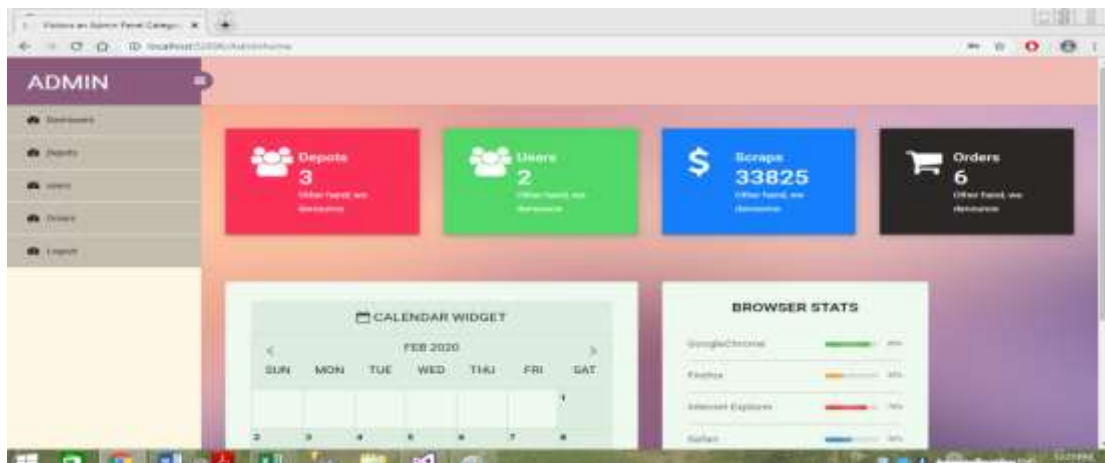


Fig-3: Advocate home page output

Admin login page:

The fig 4 shows the output screen for admin login page. A login page is a web page or an entry page to a website that requires user identification and authentication.



Fig-4: Home page for judge

V. CONCLUSION & FUTURE ENHANCEMENT

Scrapping will lead to a larger profit. Selling leads to a quick pay per day. Get the satisfaction of knowing that you did it yourself and made the most money from your scrap by helping the environment Final Thoughts Application for scrap materials has been developed users can book their scrap for reconstruction or recycling as per users need and invoice bill will also be generated for their booked scrap. Now it becomes easy for users to get their scrap materials and in the future for extracting scrap materials through heavy vehicles will also be booked in this application.

VI. REFERENCES

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