Introduction

Existing System

There is no existing system that operates currently in India that have a feature of distributing waste food on a 2 wheeler pick and up drop system.

Need of New System

Over 20 crore Indian’s sleep hungry every day . In India food wasted daily is worth of 244 crore(Rupees) . India stands 103 position among 119 countries in the Global Hunger Index. This is a very serious concern and it has to be resolved so we came up with an idea of food management with bike pooling system(X-RIDE).

1. we can even deliver a little amount of food to a needy so that at least one person will get decreased from a mark of 20 crore.

2. by the use of this system people can earn puniya as written in bhagwat Gita (holy book) food donation is the most holy thing.

3.

Proposed System

Proposed System

Proposed system is very easy to interact as it has been developed to make easily understandable user interface so as it can be used by various range of people in India.

Our system has provided knowledge related to source reduction, recycling and composting and we have a two main system that is bike pooling system(X-Ride) and food donation it would be very helpful for many range of people.

objective of System

This project is an innovative idea of left over food management delivery using bike pooling system i.e. X-Ride.

The system is designed very interactive and simple so as to minimise the complexity in using our system because end user of this people are underprivileged.

user Requirements

People can donate from food donation site i.e.. hotel or Resident.

People i.e.. recipient can raise a request for food .

Rider can search for the Hotel or resident donating food.

People can get information about source reduction from source reduction site.

People can get information about Recycling and composting .

First oneself should register if he/she is not register then the person should fill the ride details and search for the rider/customer respectively and then contact the rider/customer then finally take the ride.

We are continuously improving our services to provide our user a safe and comfortable ride.

Analysis and Design

Entity Relationship Diagram

UML Diagram

UseCase Diagram

Activity Diagram

SequenceDiagram

Screen Shots

Main Page

Testing

Testing & characteristic of Testing

| **Test Case Id** | **Test case Name** | **Input** | **Expected Output** | **Observed Output** |
| --- | --- | --- | --- | --- |
| **1** | Login | Username, password | Access should be granted | Access is Granted |
| **2** | signup name entry | full name | should take | error if not entered full name |
| **3** | Rider signup without puc paid | no selected | should not make a id give error msg | giving error message |
| 4 | signup userid | userid entered | if user id available it will go to next tab | doesn’t give warning as user-id is available. |

Conclusion

Limitations & Drawbacks

**Drawbacks:**

* + 1. Rider and customer should be of same starting and destination area.
    2. The Rider can’t take a ride in between as behave not used google API.

**Limitation:**

The payment Module so there is only cash payment allowed.

Future enhancements :

In Future we are planning to include -

i. Google Map API.

ii. Payment Module (With all sorts of online payment).

iii. With online Tracking Module For Tracking of Rider and Customer while Riding.

We are planning to make a standalone application of our system with more interactive user interface.

Conclusion

All the modules are completed and working . Miniproject is completed and the whole making of this project was veey informative.