A

PROJECT REPORT

ON

"WORKER RECOMMENDATION SYSTEM"

Submitted By

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Under The Guidance Of

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Academic Year 2021 -2022

Shree Pandurang Pratishthan Pandharpur's

Karmayogi Polytechnic College Shelve – Pandharpur

CERTIFICATE

This is to Certify that

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Of Diploma [Computer Technology] have satisfactory and successfully completed their project entitled as, **"Worker Recommendation System"** and has submitted this project report in partial fulfilment of the requirements for the Diploma ("Computer Technology") of the Maharashtra State Board Of Technical Education Mumbai during academic year 2021 – 22.

Date:

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(Project Co – Ordinator)

Acknowledgement

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CHAPTER 1

INTRODUCTION

1.1 Overview

A website is a collection of web pages and related content that is identified by a common domain name and published on at least one web server. Notable examples are wikipedia.org, google.com, and amazon.com. All publicly accessible websites collectively constitute the World Wide Web.

A Worker Recommendation System is one where the businesses can advertise themselves and the visitors can find the list of businesses with the services they want. Each business can advertise itself by submitting a listing under a specific category.

Now a days in metro-cities like Pune, Mumbai all are need a worker but they are not having time to search for helper in case of electrician, plumber, house keeper, etc. so they are use this web application And also this web application help to give job to that workers they need a job so it is very beneficial to both users (citizens) and the workers.

1.2 Proposed System Study

Today's citizens life scenario is rapidly changing and demanding .In metro-cities all are need a worker but they are not having time to search for helper in case of electrician, plumber ,house keeper ,etc. In the existing system the user don't have to get all the information in one place, hence the citizen search the worker here and there.

1.3 Project Scope

What being delivered?

- Information about Workers.
- Home services.
- Estimated cost and booking.

What not being delivered?

- All over India not delivered.
- Recommendation of other workers which are not logged in.

1.4 Motivation

India is a country where in a lots of peoples. The problem is that we although having many websites but they offer different kind of services. The purpose for making Worker Recommendation System is that internet users are increasing today, also facilitate the offline customer to online because customers cannot spend their precious time in trying to find out the best deal. The customers are enjoying a lot but there is lack of relationship between workers and customers and hence we are establishing relation by caring and serving all customers in same manner that we wish tube serve.

1.5 Objectives:

It is to pack the entire metro city details into the web application. The users just open the website. After they can fetch the more details about the Workers. The website has more unique features.

- Saving Time and Money
- Easy terminology used for better understanding
- We can use this anytime anywhere

CHAPTER 2

LITERATURE SURVEY

2.1 Existing System Study

If citizens want a worker, they don't have to get all the information in one place, hence the citizen search the worker here and there and they do not get any worker information easily and they spend, more time to search the worker and they also waste more money. Using the existing system, interaction or sharing of information is not possible. It is very difficult to manage due to less resource.

1. Title :Job Recommendation System

   Authors Name: Yingya Zhang, Cheng Yang, Zhixiang Niu

   Description: To reduce this laborious work, design and implement a recommendation system for online job-hunting. In this paper, the contrast user- based and item-based collaborative filtering algorithm to choose a better performed one. The background information including students' resumes and details of recruiting information into consideration, bring weights of co-apply users and weights of student used-liked jobs into the recommendation algorithm.

2. Title : People Finder.com

   Authors Name: Robert Miller

   Description: It is largely a "People Search" company, providing individuals with various types of public records that will allow them to obtain contact information for most private citizens in the United States. This data is collected from various sources,

3. Title : Worker India.com

   Authors Name: Hemanta Kumar Sarkar

   Description: Hire from India's largest staff network. Try for free and experience our quality service. Hire People with WorkIndia. Hire the Right Candidate Online. Access Candidate Resumes. Post a Free job. Get calls from candidates. Hire in 3 days. Large Candidate pool.

4. Title : gigsmart.com

Authors Name: Hemanta Kumar Sarkar

Description: GigSmart provides local staffing solutions to source skilled, on-demand temporary **labor**. From coast to coast, GigSmart has thousands of available Workers looking for their next Gig. Use our worker search functionality to identify skilled Workers in your area.

CHAPTER 3

METHIODOLOGY

3.1 System Architecture

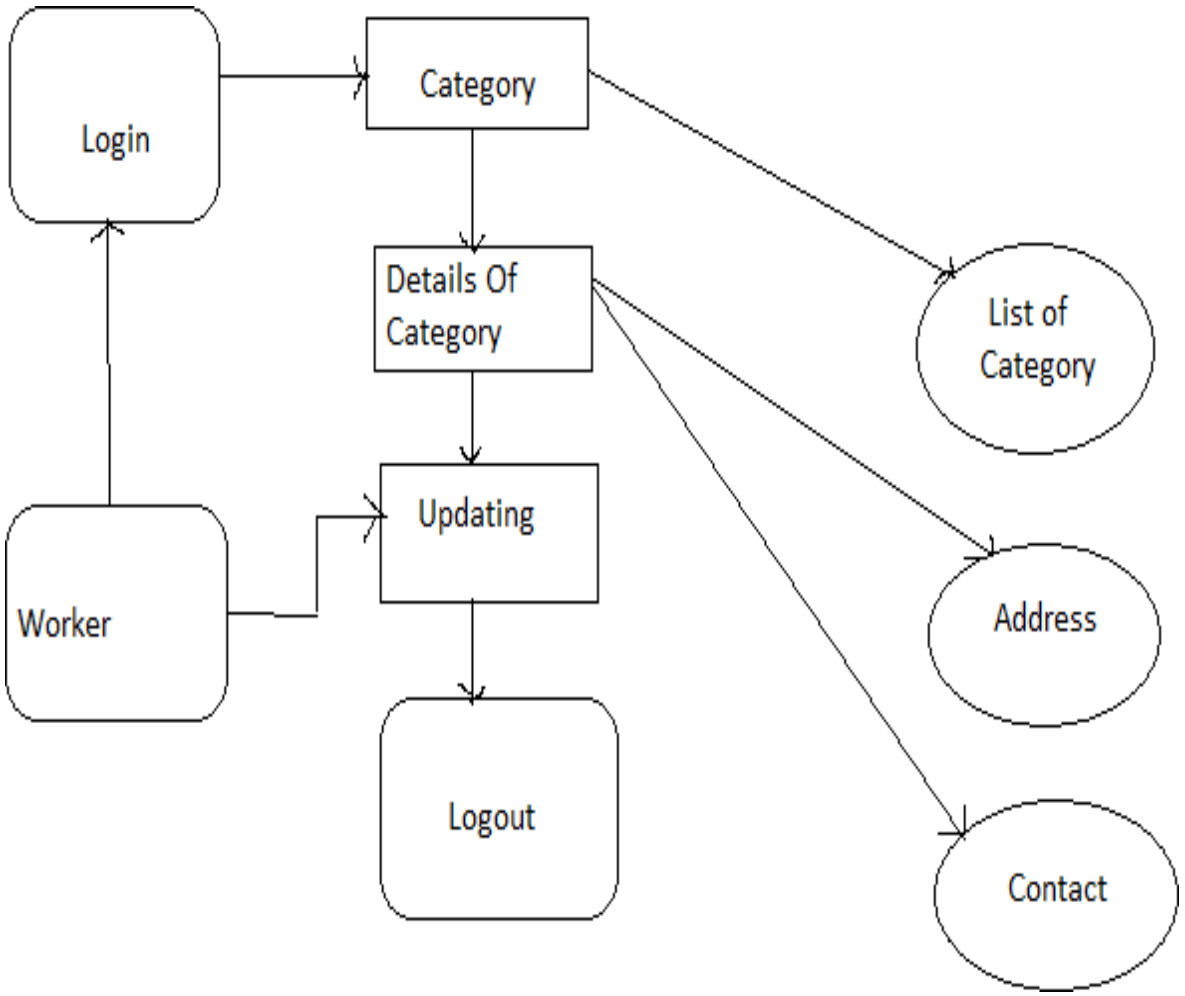


Fig 4.3.1 System Architecture

3.2 UML

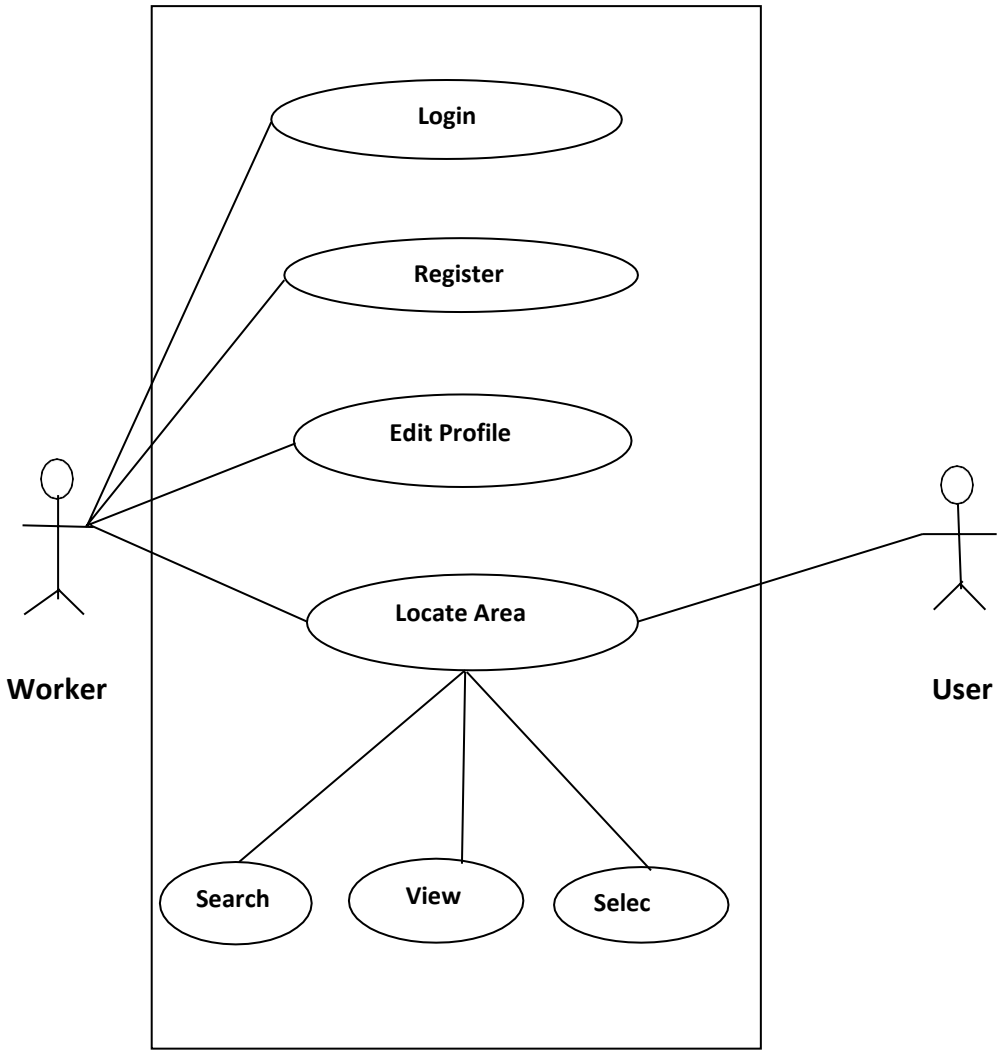


Fig 4.3.2 UML diagram

3.3 DFD:

Fig.4.3.3 DFD level 0

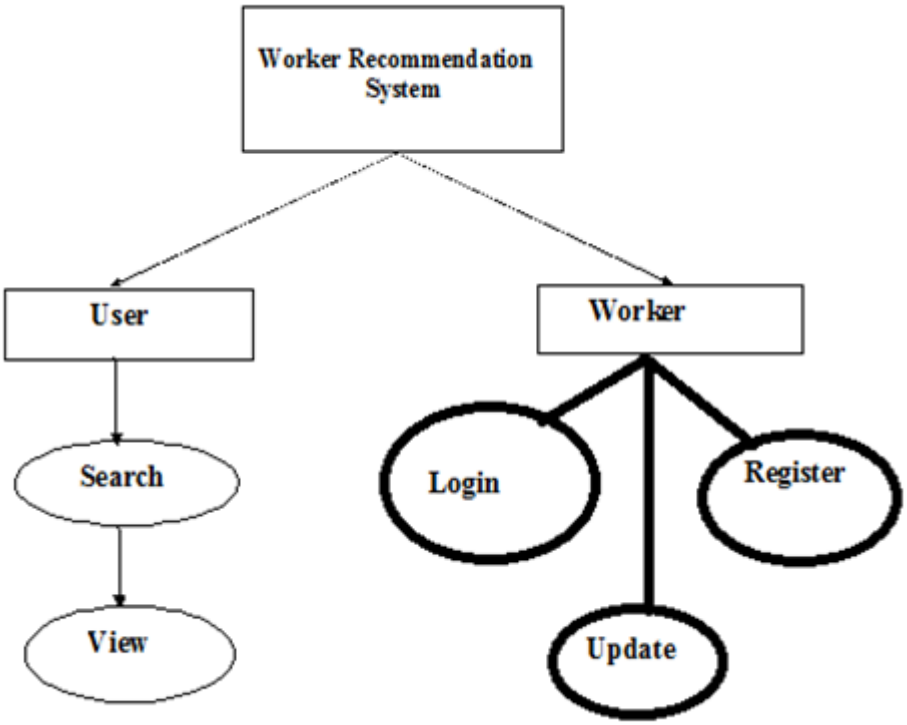


Fig.4.3.4 DFD level 1

3.4 Sequence Diagram

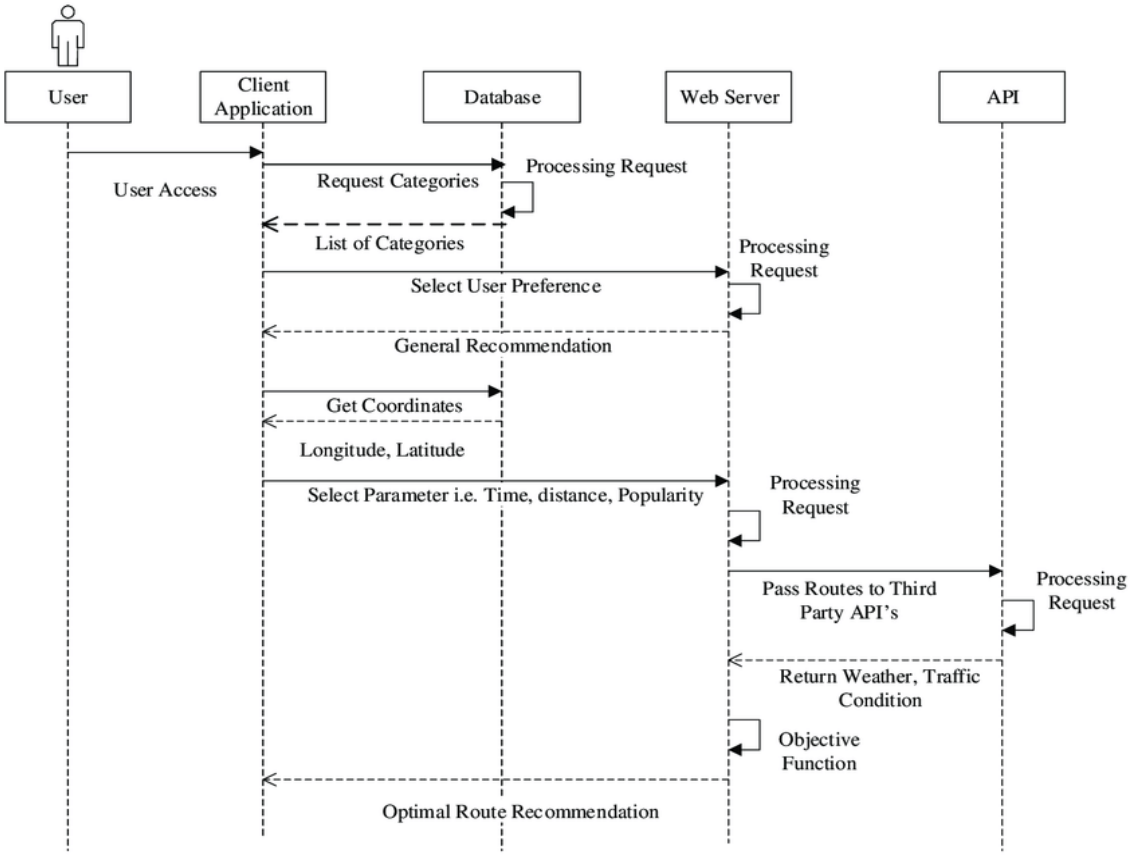


Fig.4.3.5. Sequence Diagram

3.5 Algorithm

Step 1: Start

Step 2: Register Worker and Login Worker

Step 3: Update Worker Profile

Step 4: Search Worker

Step 5: Display Worker

Step 6: End

3.6 Flowchart

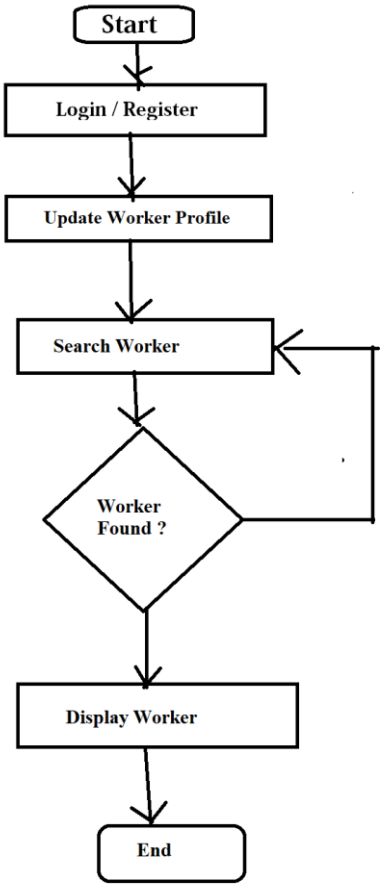
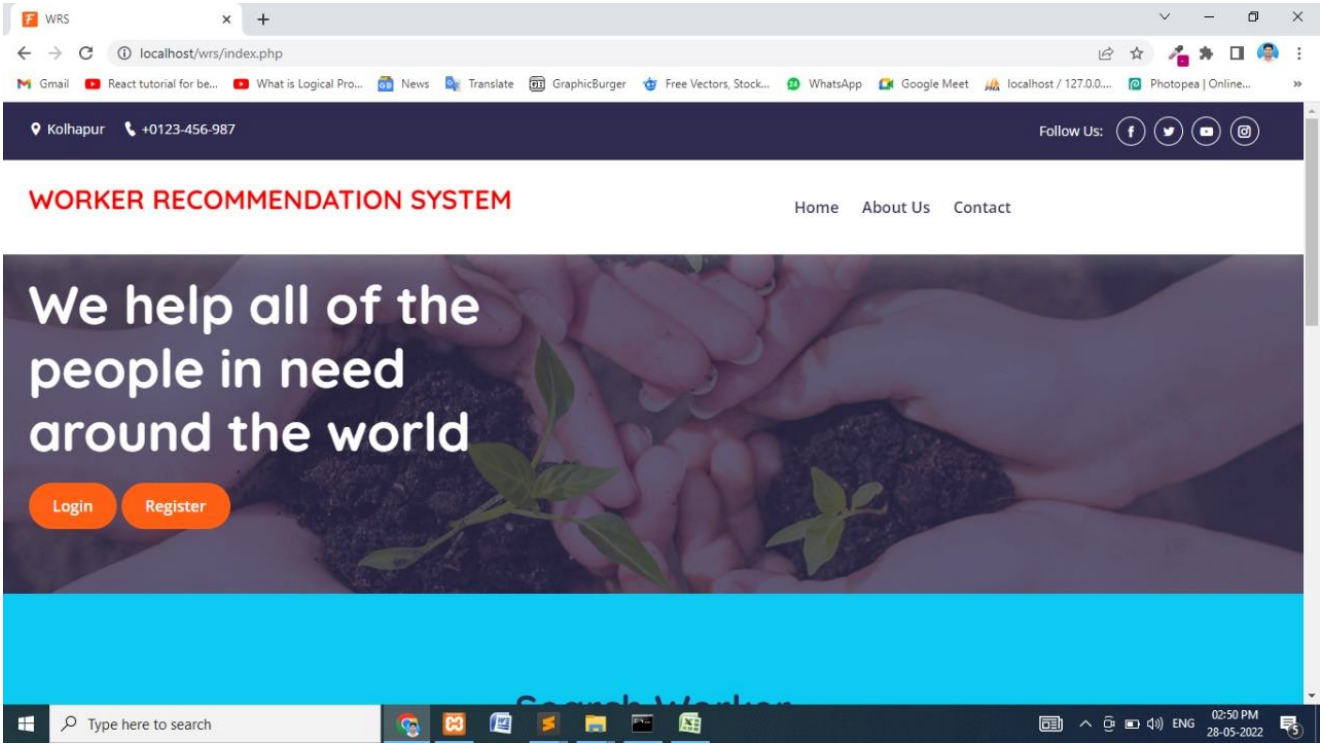


Fig.4.3.6. Flowchart

Screenshot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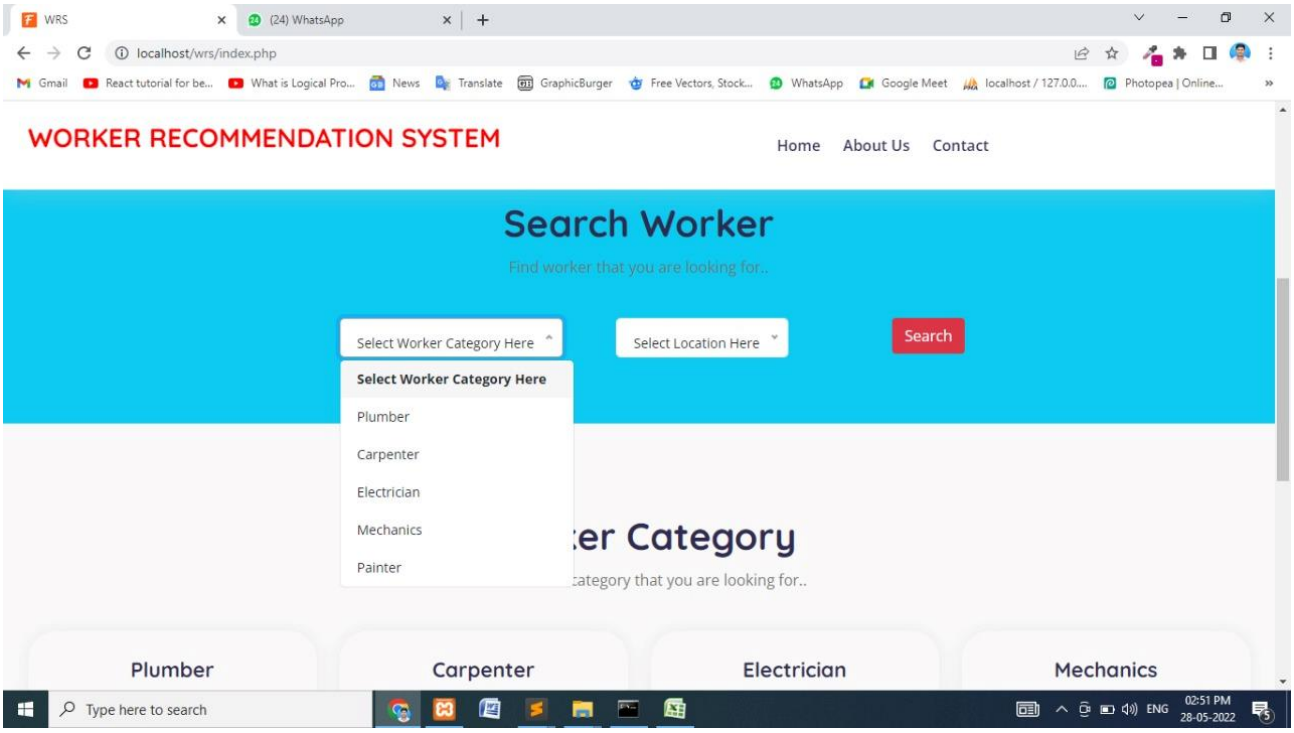
localhost/wrs/index.php
Kolhapur
+0123-456-987
Follow Us:
WORKER RECOMMENDATION SYSTEM
Home
About Us
Contact
We help all of the people in need around the world
Login
Register
Type here to search
ENG
02:50 PM
28-05-2022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Home
About Us
Contact
Search Worker
Find worker that you are looking for..
Select Worker Category Here
Select Location Here
Search
Select Worker Category Here
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Carpenter
Electrician
Mechanics
Painter
Plumber
Carpenter
Electrician
Mechanics
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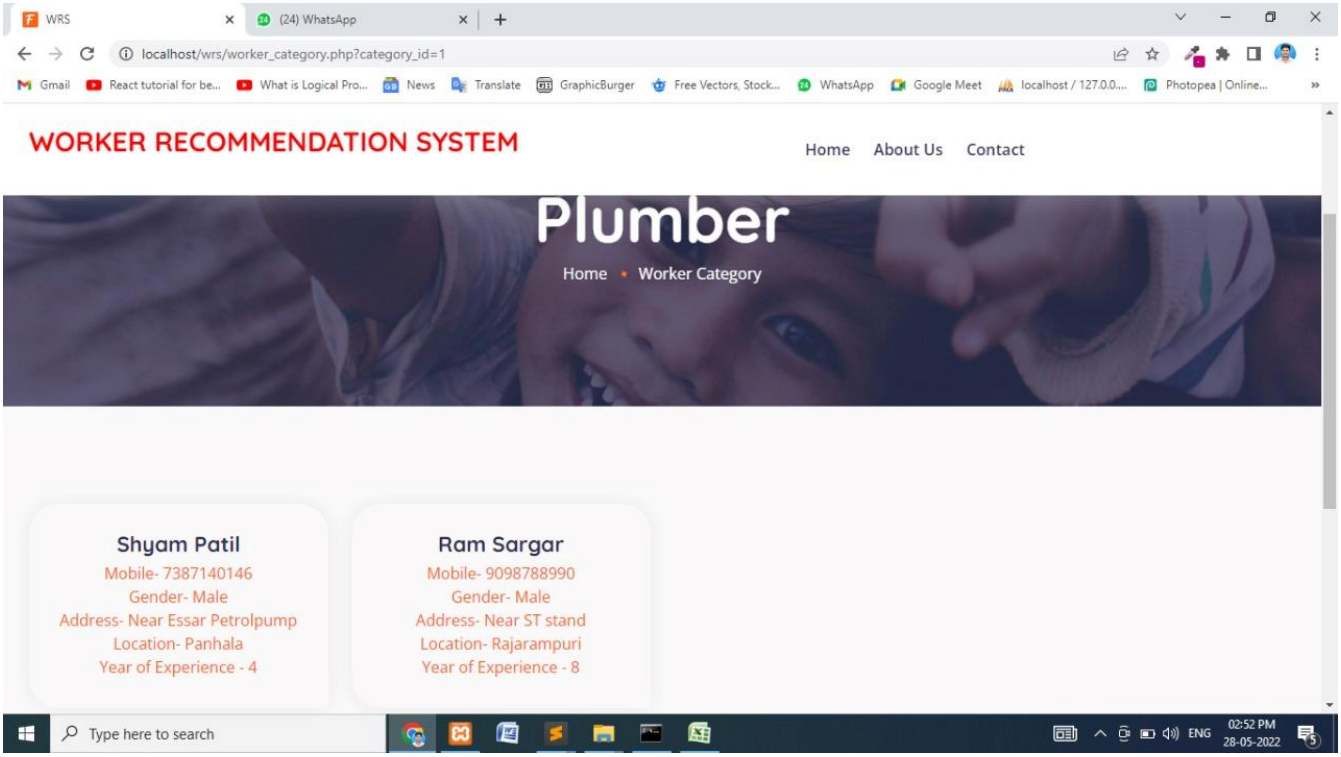
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WORKER RECOMMENDATION SYSTEM
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About Us
Contact
Plumber
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Gender- Male
Address- Near Essar Petrolpump
Location- Panhala
Year of Experience - 4
Ram Sargar
Mobile- 9098788990
Gender- Male
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Year of Experience - 8
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ENG
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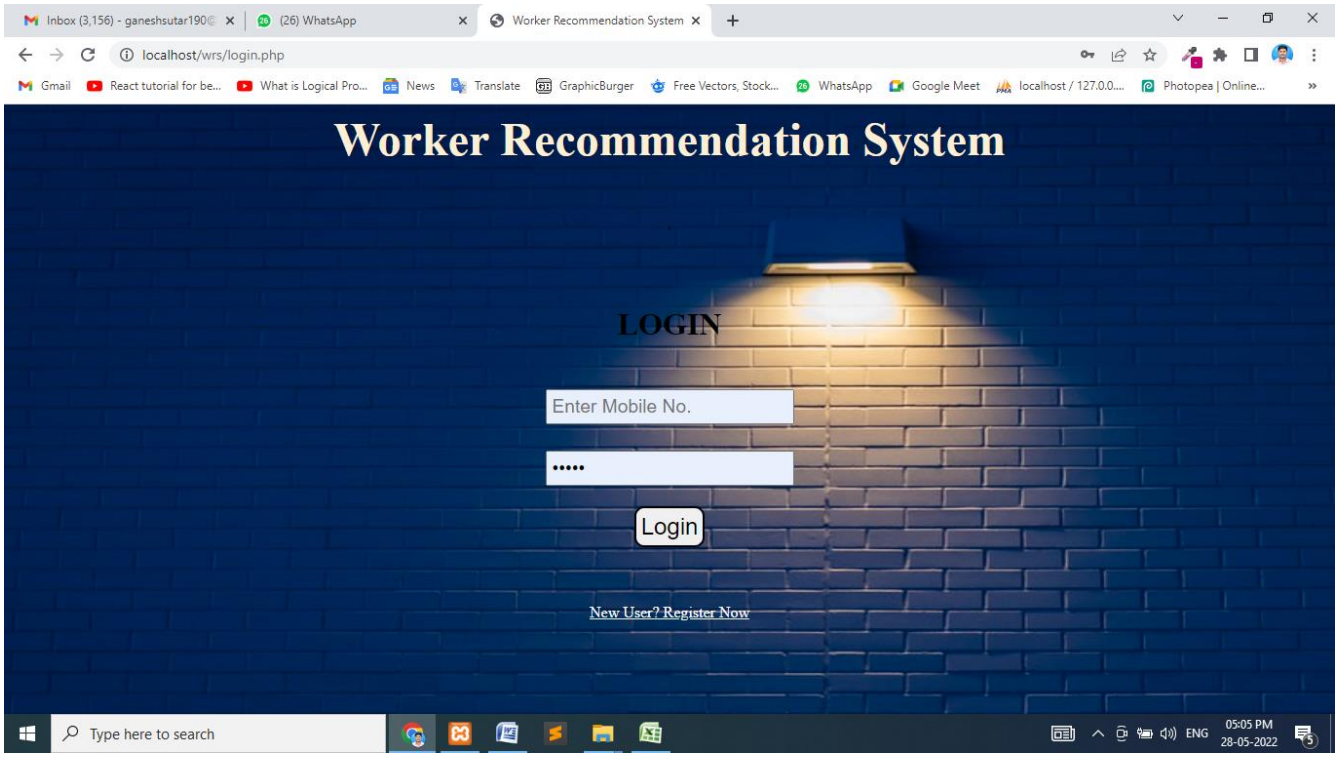
Worker Recommendation System
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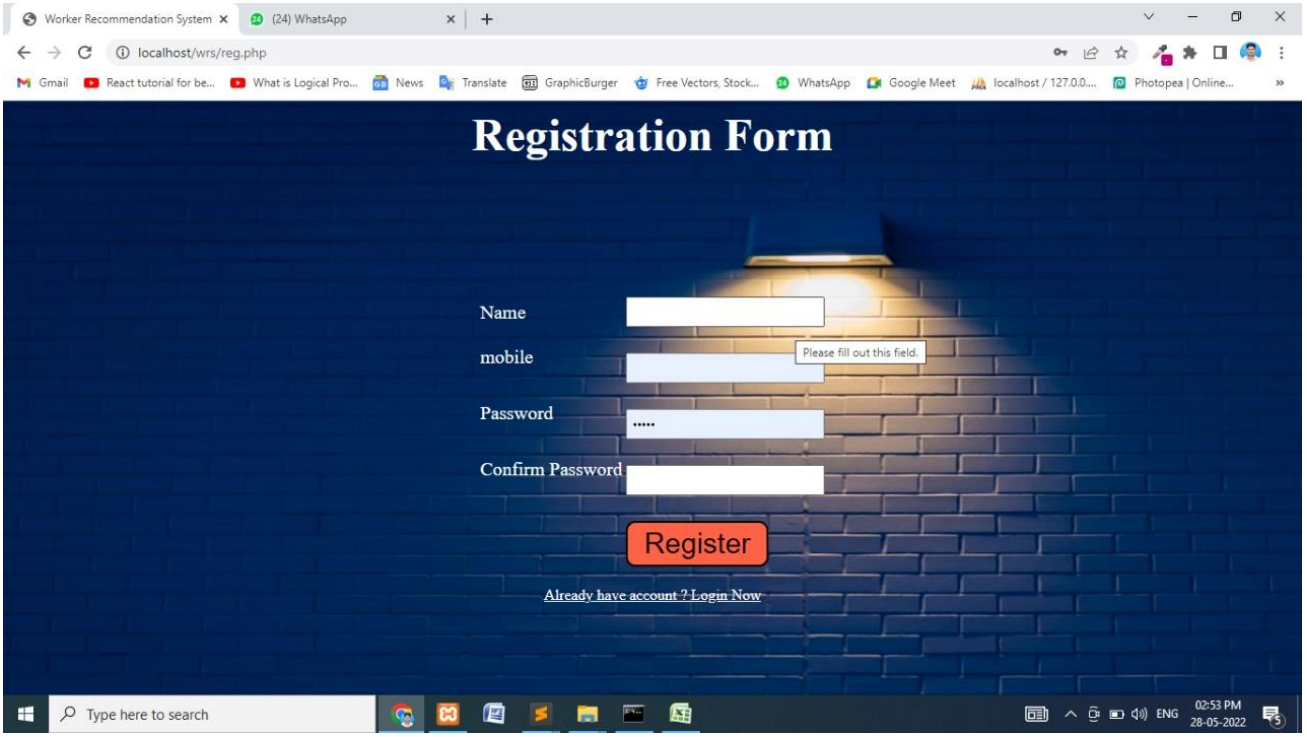
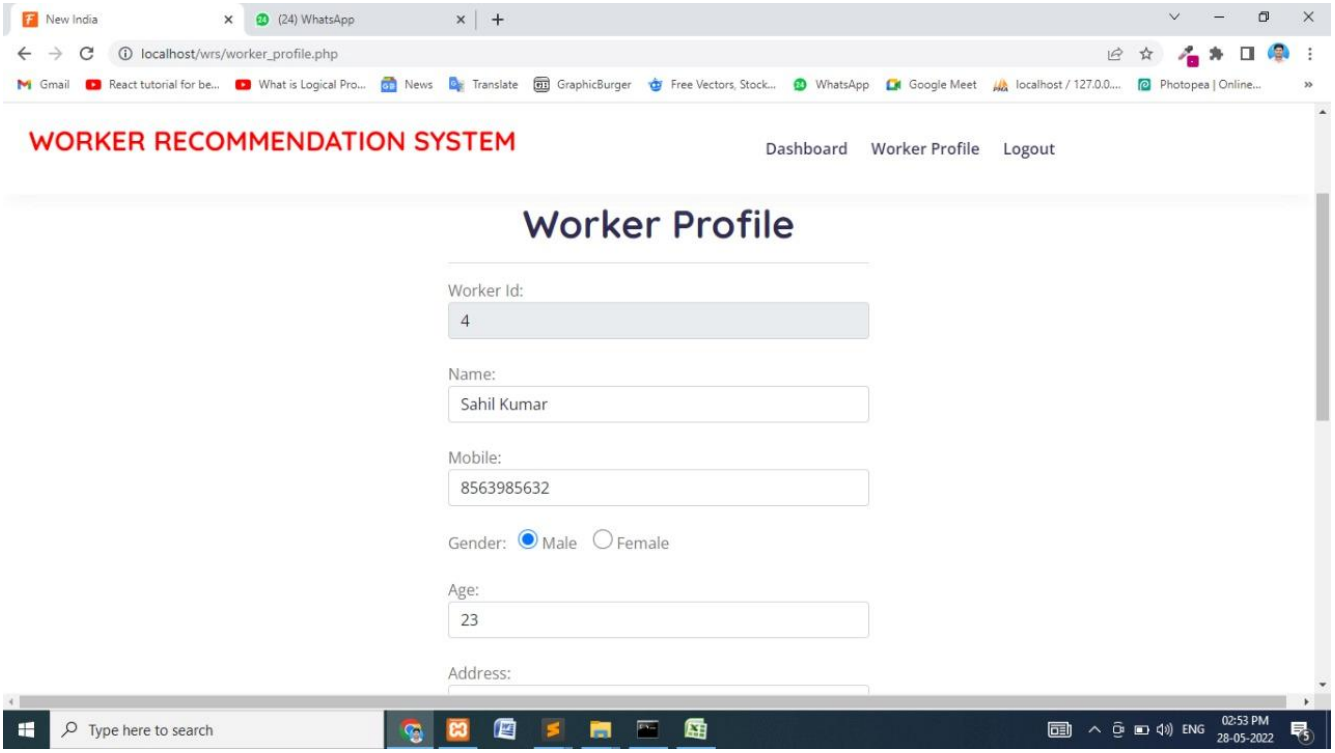
Worker Recommendation System
Worker Recommendation System
LOGIN
Enter Mobile No.
Login
New User? Register Now
Type here to search
ENG
05:05 PM
28-05-2022


Worker Recommendation System
(24) WhatsApp
localhost/wrs/reg.php
Registration Form
Name
mobile
Please fill out this field.
Password
Confirm Password
Register
Already have account ? Login Now
Type here to search
ENG
02:53 PM
28-05-2022


New India
(24) WhatsApp
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WORKER RECOMMENDATION SYSTEM
Dashboard
Worker Profile
Logout
Worker Profile
Worker Id:
4
Name:
Sahil Kumar
Mobile:
8563985632
Gender: Male Female
Age:
23
Address:
Type here to search
ENG
02:53 PM
28-05-2022

3.2. SYSTEM CONFIGURATION:

Software requirement

- XAMPP Server
- VS Code
- Browser

Hardware Requirement

- Processor - Intel core i3
- RAM – 2 GB

CHAPTER 4

RISK MANAGEMENT

Risk Identification

1) **Identification of Risk**: Here mostly identification of source or rootof risk is done
2) **Classification of Risk:** There are various types of risk that user has to follow forplanning the risk minimization
3) **Plan for minimizing the Risk:** What methodology should we use to plan theminimization of risks
4) **Implementing mitigation action:** What action should be performed while controllingthe risks
5) **Communicate risk status through the project:** What is risk status at each and everystage of the project is mentioned and communicated to project concern people

Risk Management

- By having discussions, group meetings, etc, the information requirements of users, faculty and students can be found.
- Communicating with other agencies like library schools, professional associations for finding outλ the latest syllabus, in order to develop the content accordingly.
- Detailed discussion with publishers / vendors for collection management covering all aspects ofλ the future needs /demands / changes.

CHAPTER 5

CONCLUSION

Worker Recommendation System helps people to find workers when they needed. Also, it helps the worker get work so they can earn money and get survive.

A Worker Recommendation System is one where the businesses can advertise themselves and the visitors can find the list of businesses with the services they want. Each business can advertise itself by submitting a listing under a specific category.

System is developed which is accessible at any time as long as internet connection is available.

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