

A Mini Project Synopsis on
Care Provider App

T.E. - I.T Engineering

Submitted By

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CERTIFICATE

This is to certify that the Mini Project Report on **Customer Relationship Management** has been submitted by Purvesh Gangapurkar (20104063), Rahul Patil(20104073), and Ambadas Malegave (20104112. who are students of A. P. Shah Institute of Technology, Thane, Mumbai, as partial fulfillment of the requirement for the degree in Information Technology, during the academic year 2022-2023 in a satisfactory manner as per the curriculum laid down by the University of Mumbai.

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Date:

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Chapter 1

Introduction

Nowadays, every technical field is trying to style human life at ease. With the rapid growth in the use of the internet and the technologies associated with it, several opportunities are coming up in the web or mobile application. In today's busy life we are in a great rush to make money. But in the end, we are unable to spare time for our loved ones. As we are unknowingly ignoring this issue and care for our loved ones is important. So, we have come over with the idea to provide care for everyone in need. The application "We Care" is developed to bridge the gap between caregivers and the people who need care. In a more efficient and manageable way. By using this application we can reduce the manual search for professional and trustworthy caregivers, who will look out for your loved ones in your absence.

We Care website is designed to bridge the gap between caregivers, caretakers, and customers. This website provides caregivers for any time period. This System divides household care into five main categories. These categories are Child Care, Elder Care, Tutor, Housekeeping, Day Care, and Pet Care. We Care aims to help everyone who needs a perfect caretaker for their loved ones.

We Care will become an important application for any individual to find the care instantly at the moment of need. Users need not waste their time in finding the care at the moment of need. Our caregiving website will provide various options to the user. These options will be based on the filters provided by users. The caregivers are provided according to categories. These caregivers will help the user to take care of their loved ones in their absence.

1.1 Purpose :

Technology is constantly changing the way we live our lives, from living in the metaverse to getting a prescription on a smartphone app, our lives are transforming fast. The innovation in WEB apps or as we like to call it “Appnovation” is taking over every industry and healthcare is not behind. With the booming app market with its ability to keep you in close touch with your audience, healthcare as we knew it has changed. Medical applications are becoming increasingly popular around the world, with more people using them for everything from medical treatments to general health and well-being. Every indicator points toward the Healthcare application development boom which brings us to an all-important question.

1. Bridging the gap between who needs care and who serves care.
2. Aiming to provide quality services at affordable prices.
3. Instant booking with desired services
4. To provide employment for house workers.
5. To bring this service all over India
6. We make sure health and social care services provide people with safe, effective, compassionate, high-quality care and we encourage care services to improve.

1.2 Problem Statement:

1. We all are busy in our day to day lives and sometimes it is difficult to manage both work and home simultaneously.
2. Now-a-days it's difficult to find a trust worthy person for our loved ones.

Solution:

1. Here we are introducing WeCare, our app for sharing your responsibilities hand in hand.
2. We have trained, kind, humble and qualified companions who will help you by staying beside you.

1.3 Objectives:

1. To serve people by sharing their responsibilities.
2. To ensure adequate qualitative care to people.
3. To provide quality service at an affordable price.
4. To provide employment in the care sector.

1.4 Scope:

1. Bridging gap between who need care and who serves care.
2. Aiming to provide quality services at affordable prices.
3. Instant booking with desired services.
4. To provide employment for house workers.
5. To bring this service all over India.



Chapter2

Literature Review:

[1]THE CHANGE FOUNDATION (Profile of Family caregivers - report):

Family caregivers are people, family, and neighbors who provide critical and often ongoing personal, social, and physical support, assistance, and care, without pay, for family members and friends in need of support due to frailty, illness, or physical/cognitive disability circumstances.

Family caregivers are a vital part of society. They are important to their loved one(s), to the healthcare system, and to the economy. They give up personal time and resources to care for someone else who is in need.

[2]Mobile phone apps for family caregivers:

The growth of mHealth apps has been exponential in recent years, but there is limited knowledge regarding the availability, functionality, and quality of apps to support family caregivers. Our objectives were to identify the apps currently available to support family caregivers and to analyze the app functions and evaluation claims.

Family caregivers face challenges balancing care for their loved one(s) with their existing personal and work duties, which may cause negative health effects both physically and psychologically. Mobile health applications (mHealth apps) may be one solution to help family caregivers care for their loved one(s) and themselves. mHealth, as defined by the World Health Organization (WHO) is: “medical and public health practice supported by mobile devices, such as mobile phones, patient monitoring devices, personal digital assistants, and other wireless devices.” In recent years, there has been a steady increase in the number of mHealth apps. In particular, the coronavirus disease (COVID-19) has accelerated the development and adoption of technology in healthcare worldwide.

[3]An IoT-based health care system for elderly people:

The Internet of Things is a new reality that is completely changing our everyday life, and promises to revolutionize modern healthcare by enabling a more personalized, preventive and collaborative form of care. Aiming to combine these two important topics, this work presents an IoT-ready solution for the elderly living assistance which is able to monitor and register patients vital information as well as to provide mechanisms to trigger alarms in emergency situations.

Chapter 3

Proposed System

1. User Friendly:
 - Simple and interactive user interface.
 - All services provided at one place.
2. Categories:
 - Select Services according to your requirements.
3. Personalization:
 - We provide customizable services.
4. Location Base search:
 - Customer can find the nearest available service person in their locality to avail the service nearest to them.

Chapter 4

Requirement Analysis:

There are three main stages in conducting a thorough requirements analysis:

1. The first step is to gather the requirements by collecting business process documentation and conducting interviews with stakeholders.
2. Next, analyze and validate the requirements, evaluating whether they're clear, complete, consistent, and unambiguous.
3. Finally, record the requirements and monitor their implementation throughout the project.
4. **Data flow program:** A data flow program (DFP) defines the project scope without delving into elaborate details.
5. **Use cases:** Use cases can help define system behavior and communicate from the end user's perspective.

FUNCTIONAL REQUIREMENTS

1. They are the key functions without which, the app would not function, or do what it is supposed to do.
2. These are requirements that must be met, and cannot be done without.

Chapter 5

Project Design

5.1 Use Case Diagram:

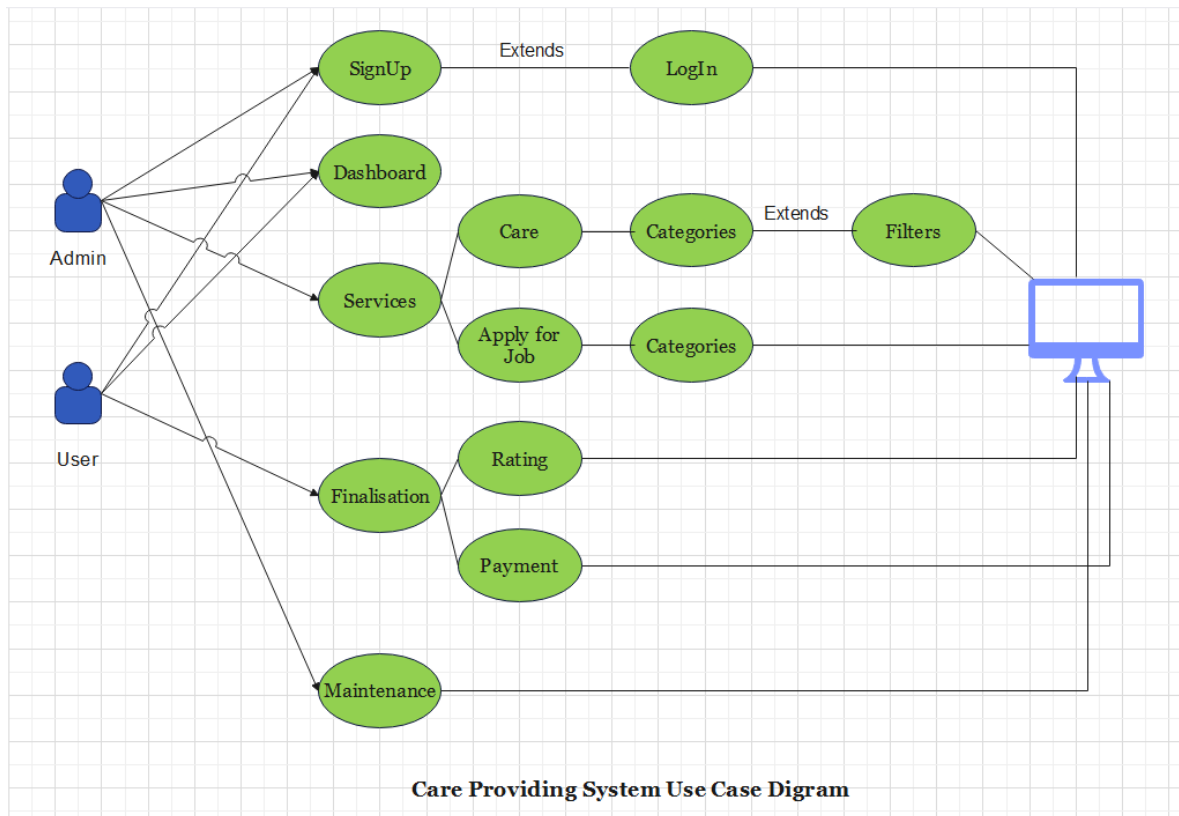


Fig 5.1: Use Case Diagram

5.2 Dataflow Diagram:

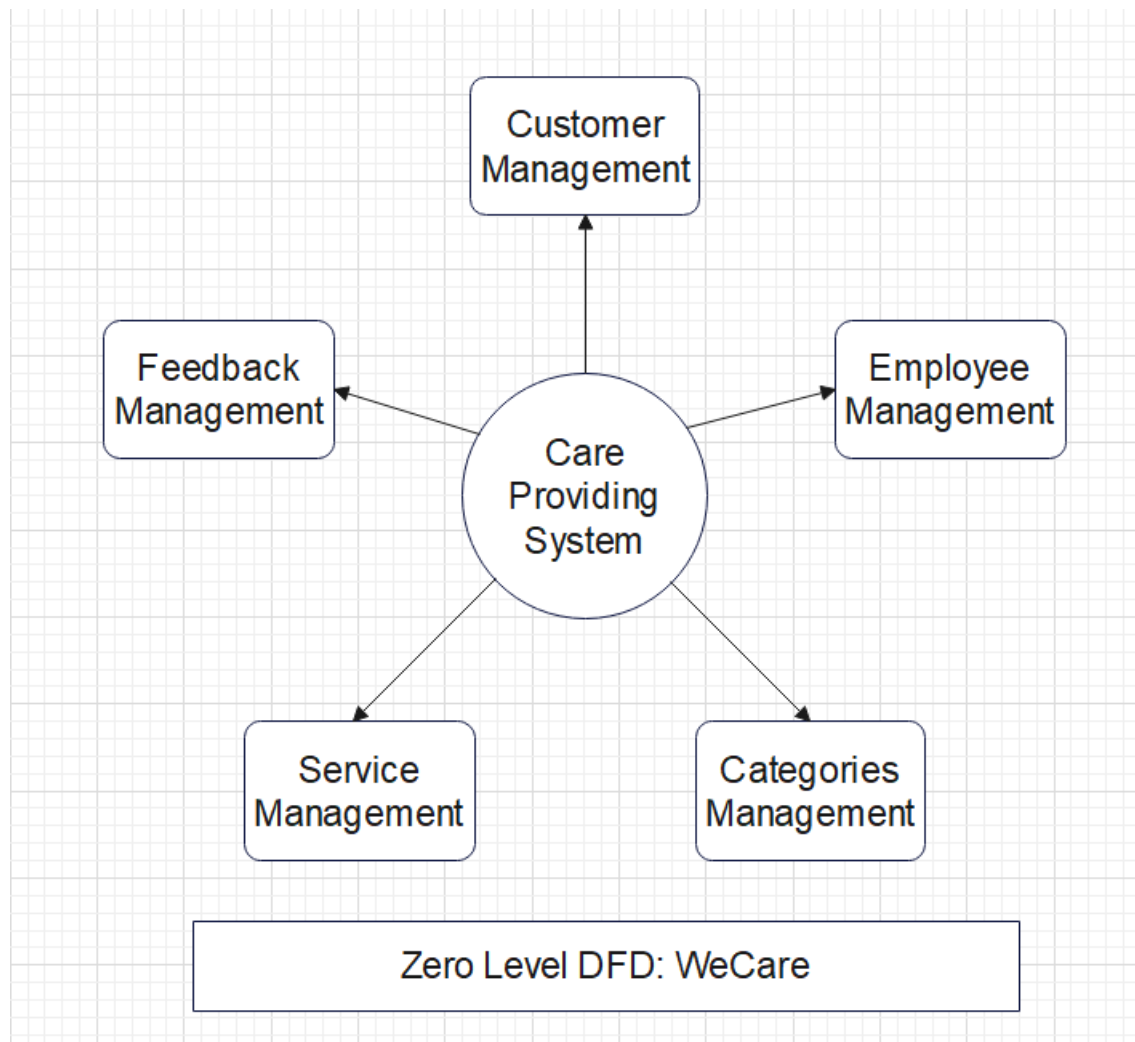


Fig5.2: DFD Level 1 Diagram

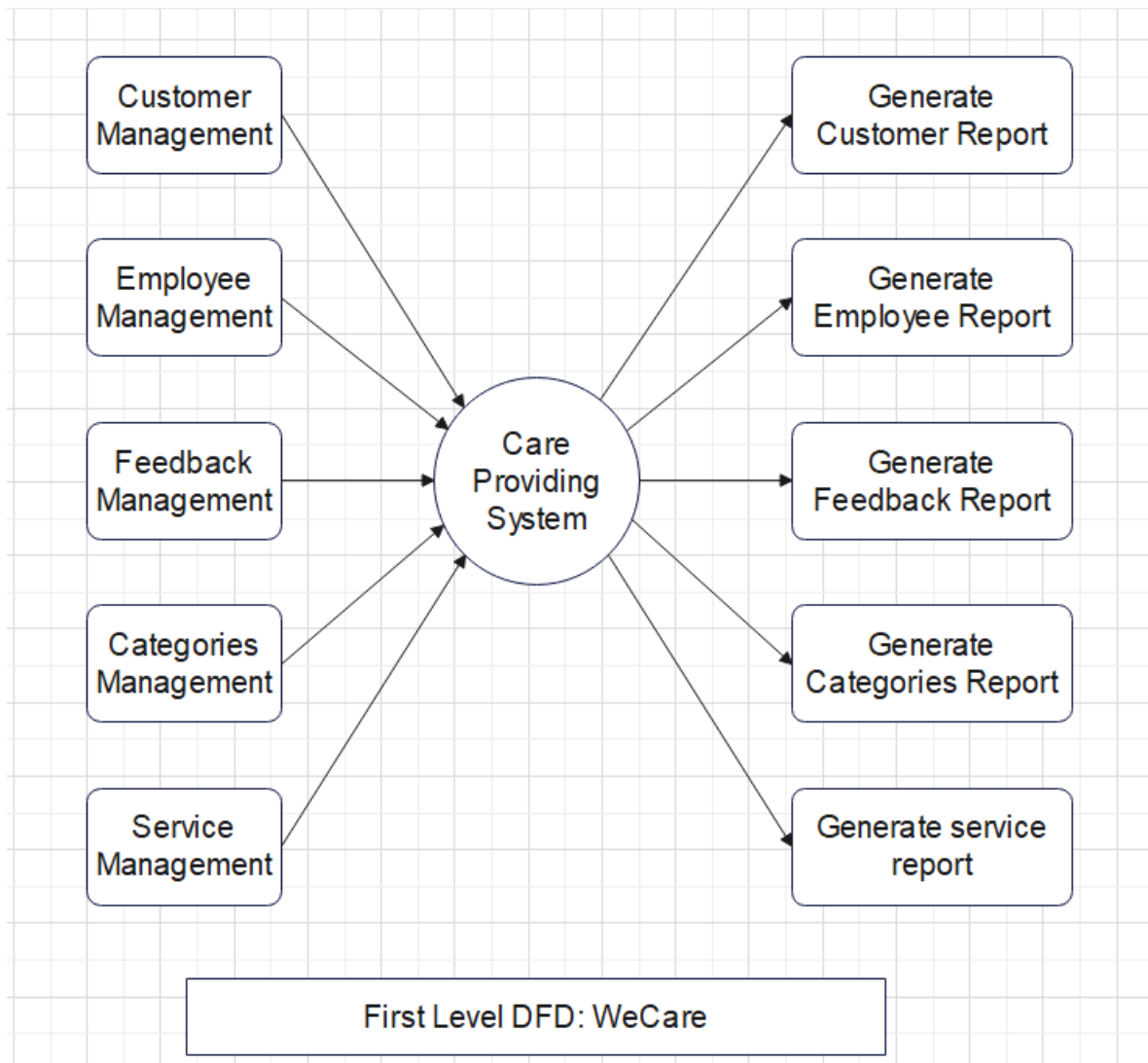


Fig 5.3: DFD Level 2 Diagram

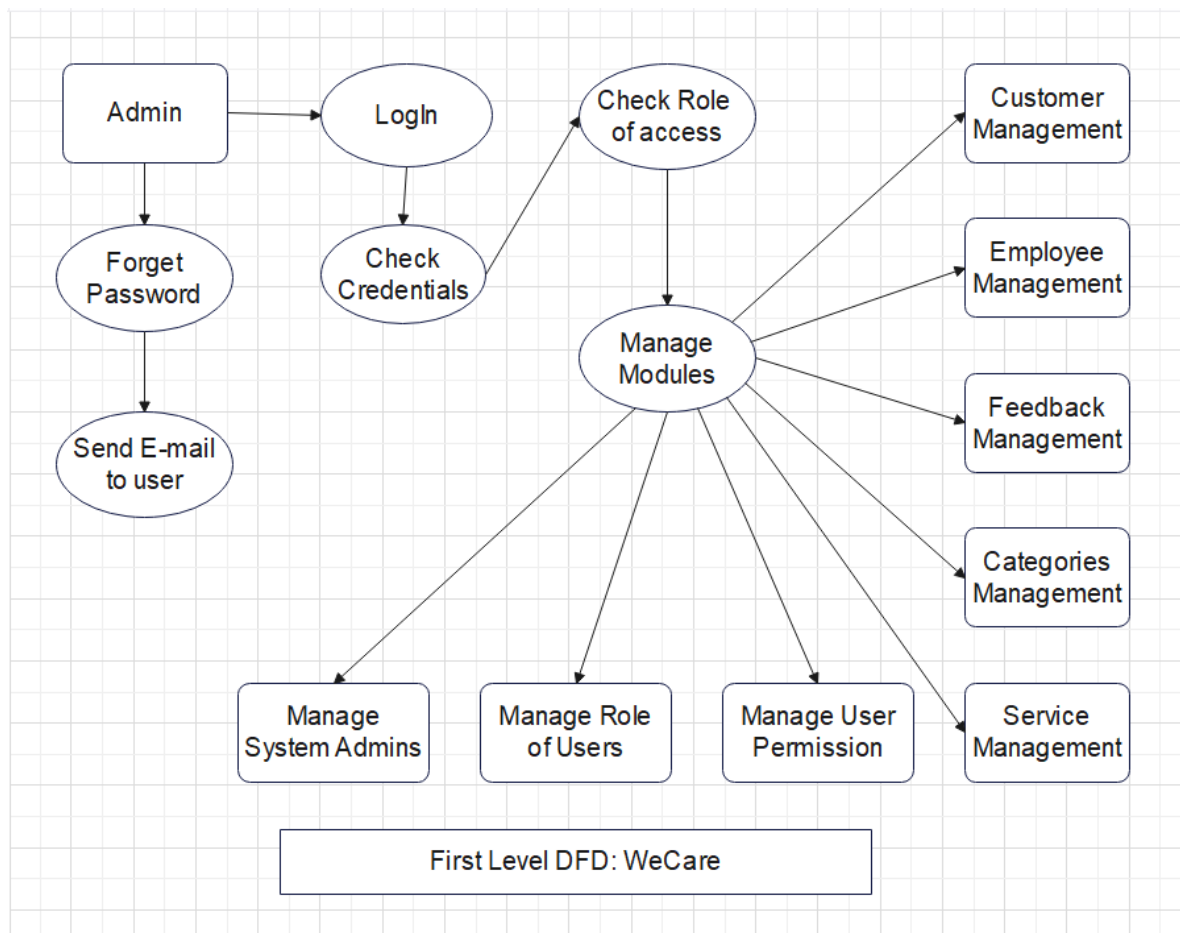


Fig 5.4: DFD Level 2 Digram

Chapter 6

Technical Specifications:

Development: VS Code

VS Code also known as Visual Studio Code is a source code editor made by Microsoft for Windows, Linux, MacOS. It has various features such as Debugging, Syntax highlighting, extension, intelligent code completion.

Frontend: Html, CSS, JavaScript

As a web developer, the three main languages we use to build websites are HTML, CSS, and JavaScript. JavaScript is the programming language, we use HTML to structure the site, and we use CSS to design and layout the web page. These days, CSS has become more than just a design language, though. You can actually implement animations and smooth transitions with just CSS.

Backend: Firebase

Firebase is a Backend as a service app development platform that provides hosted backend services such as a real-time database, cloud storage, authentication, crash reporting, machine learning, remote configuration, and hosting for your static files.

Chapter 7

Project Scheduling Template

Sr. No	Group Member	Time duration	Work to be done
<u>1</u>	Purvesh Gangapurkar	1 st week of August	Implementing 1 st module/ functionality <i>(mention the name of module/ functionality at the place of 1st module/functionality)</i>
		2 nd week of August	Testing 1 st module <i>(mention the name of module/ functionality at the place of 1st module/functionality)</i>
<u>2</u>	Rahul Patil	3 rd week of August	Implementing 2 nd module/ functionality <i>(mention the name of module/ functionality at the place of 1st module/functionality)</i>
<u>3</u>	Ambadas Malegave	By the end of September month	Implementing 3 rd module/ functionality <i>(mention the name of module/ functionality at the place of 1st module/functionality)</i>

Chapter8

Implementation:

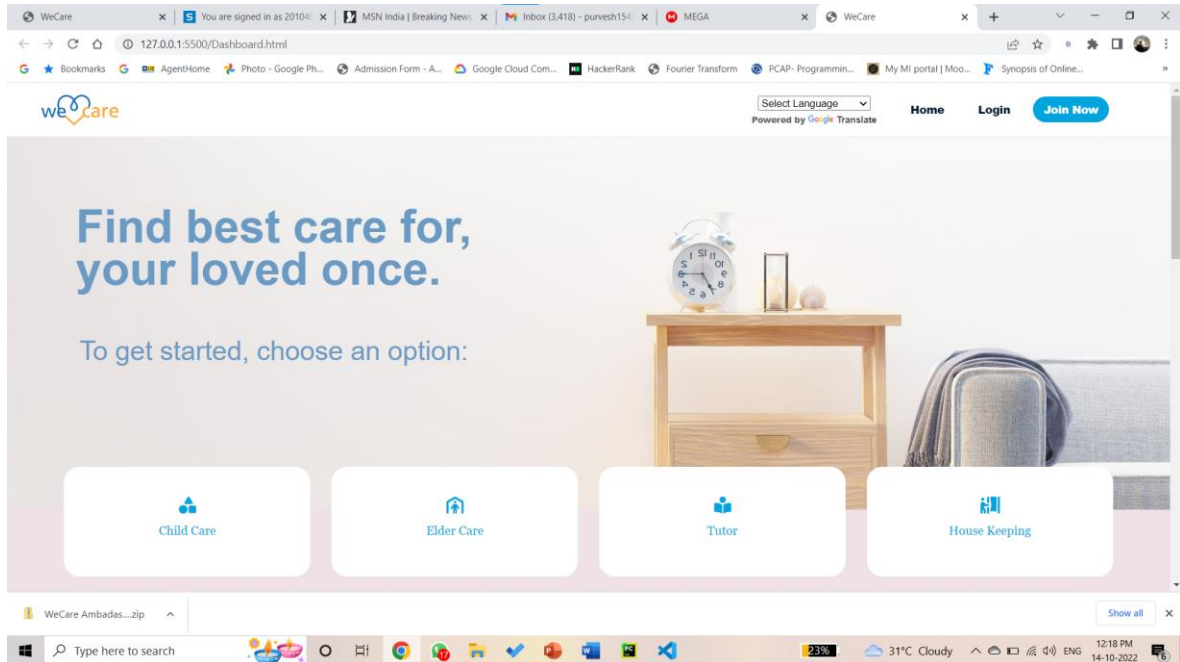


Fig.8.1 Dashboard

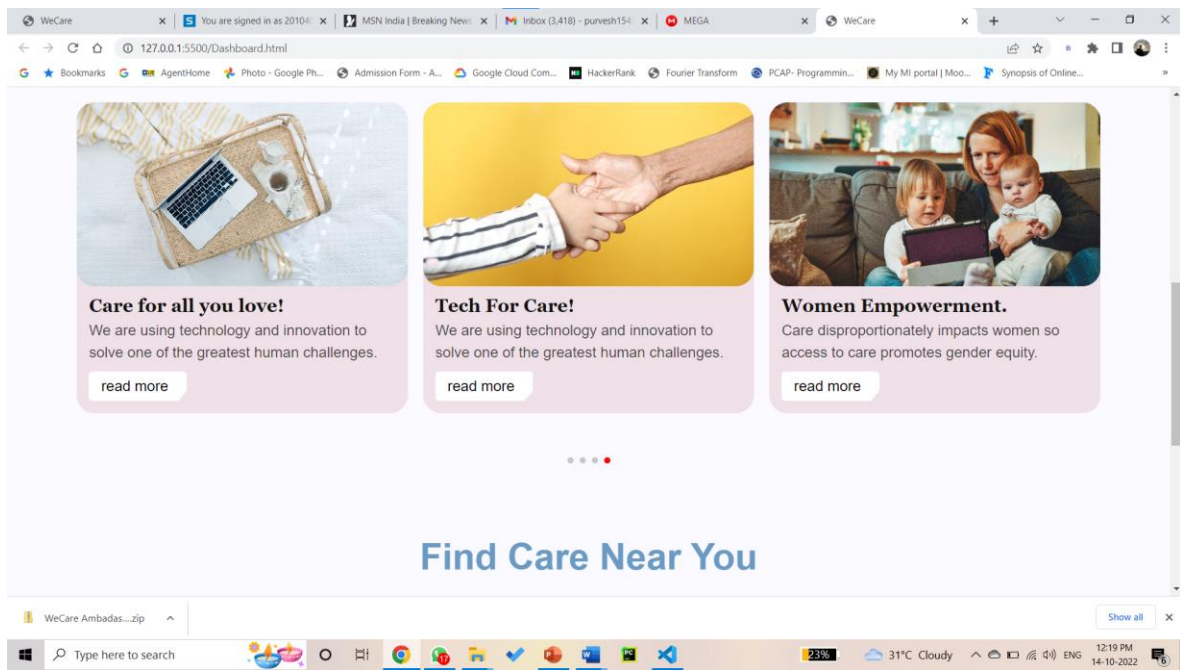


Fig: 8.2 Dashboard

Chapter 9

Result And Discussion:

Dashboard:

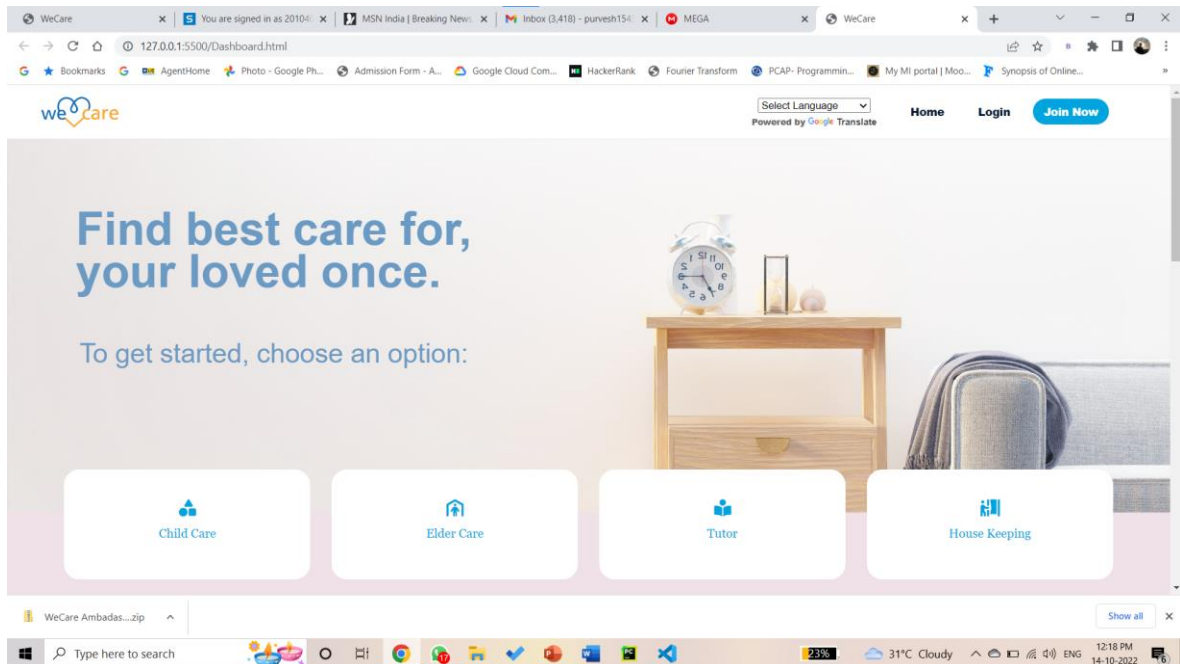


Fig 9.1 Dashboard

All the important information and functions are displayed on this page. User can select required services from different categories.

Login:

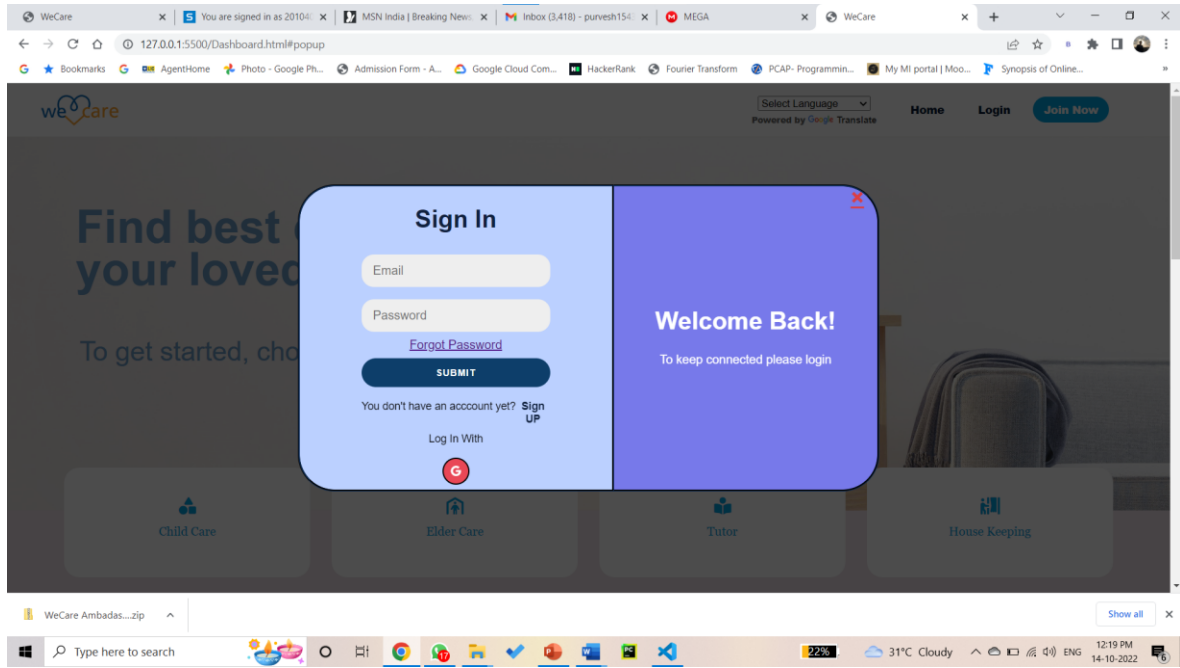


Fig 9.2 Login

Users can log in through log in page and new user can register themselves using registration page.

Registration:

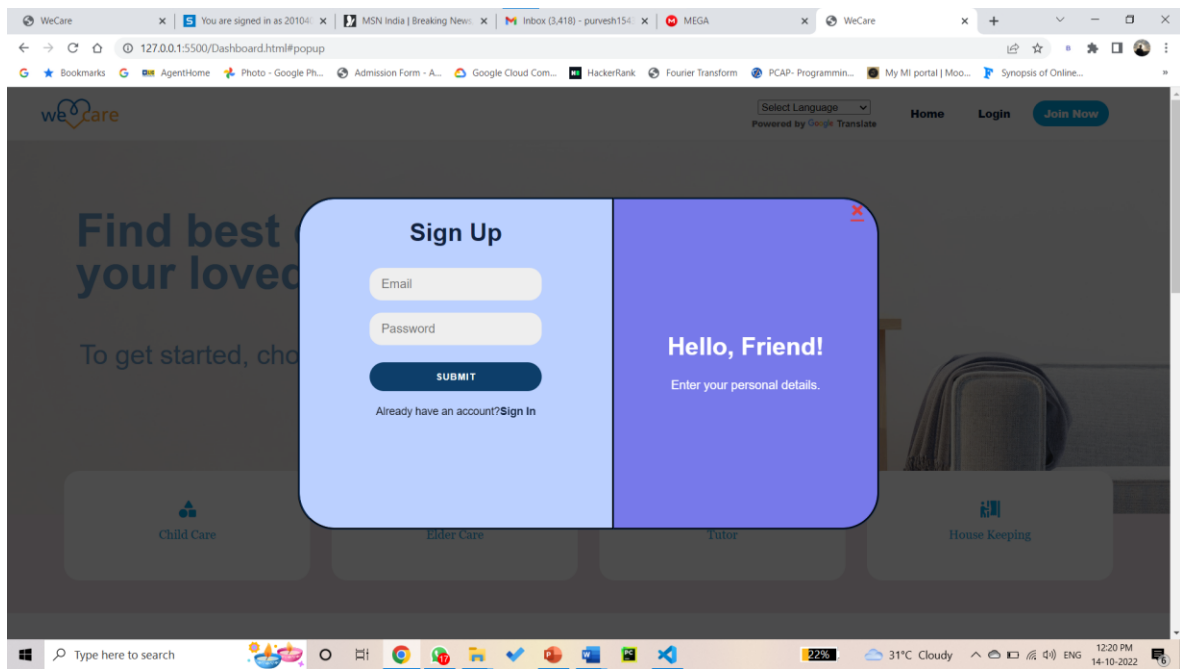
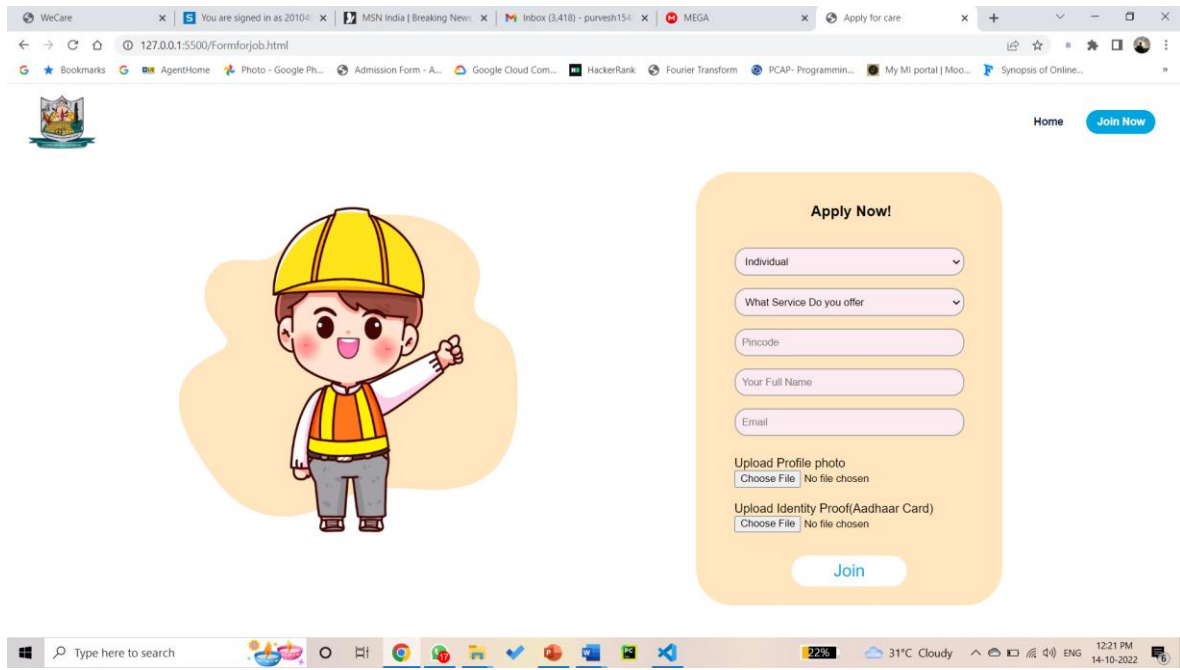


Fig 9.3 Registration

Apply for Job:



Apply Now!

Individual

What Service Do you offer

Pincode

Your Full Name

Email

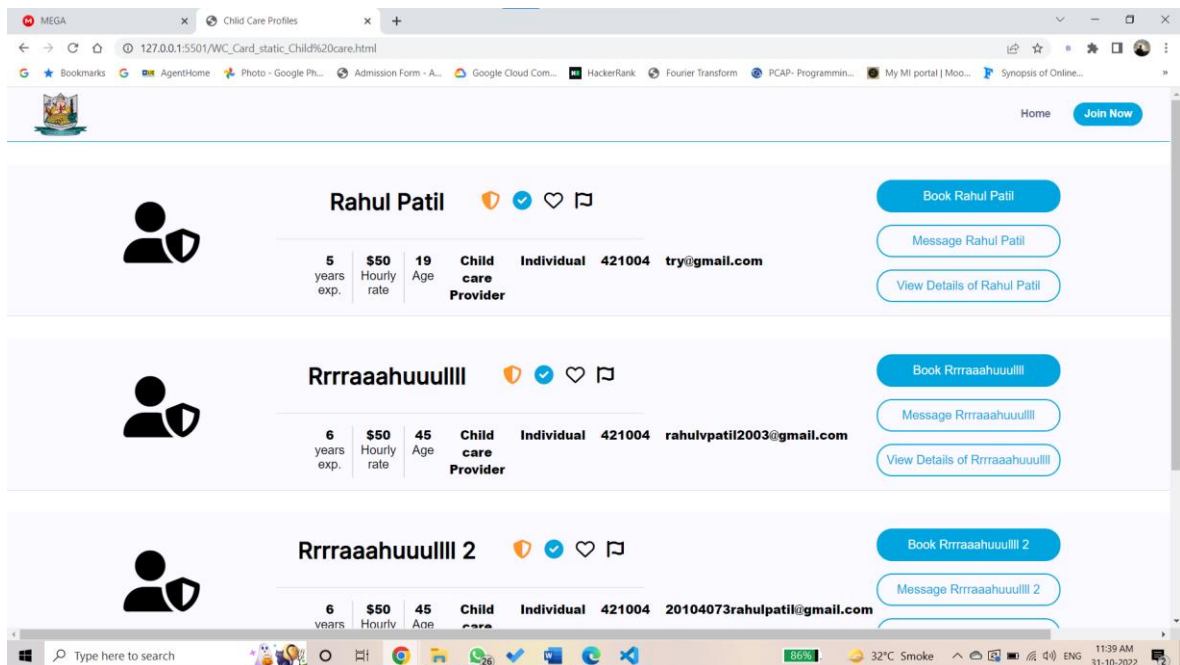
Upload Profile photo
Choose File | No file chosen

Upload Identity Proof(Aadhaar Card)
Choose File | No file chosen

Join

Fig. 9.4 Apply for job

Booking Page:



MEGA Child Care Profiles

127.0.0.1:5501/WC_Card_static_Child%20care.html

Home Join Now

Rahul Patil 5 years exp. \$50 Hourly rate 19 Age Child care Provider Individual 421004 try@gmail.com

Book Rahul Patil

Message Rahul Patil

View Details of Rahul Patil

Rrrraaahuuulll 6 years exp. \$50 Hourly rate 45 Age Child care Provider Individual 421004 rahulvpatil2003@gmail.com

Book Rrrraaahuuulll

Message Rrrraaahuuulll

View Details of Rrrraaahuuulll

Rrrraaahuuulll 2 6 years exp. \$50 Hourly rate 45 Age Child care Provider Individual 421004 20104073rahulpatil@gmail.com

Book Rrrraaahuuulll 2

Message Rrrraaahuuulll 2

Fig. 9.5 Booking Page

E-R Digram:

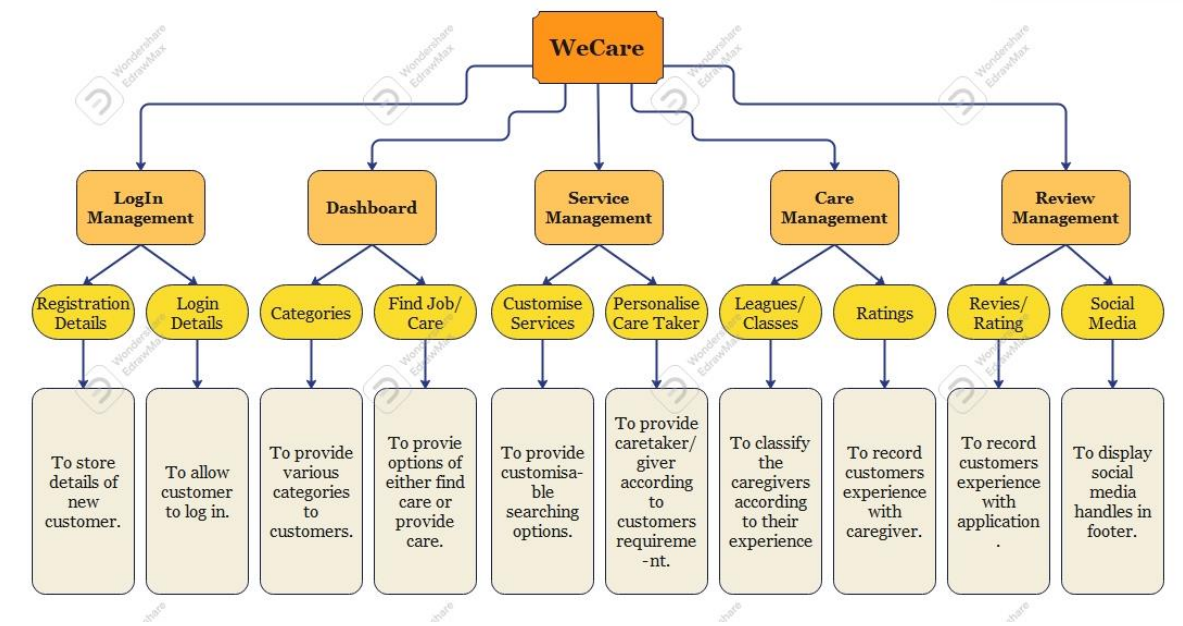


Fig. 9.6 E-R Diagram

Chapter 10

Conclusion and Future Scope:

Thus, care providing website will provide a user-friendly and easy interface to operate. Users can find caregivers of their choice. Users can select from various types of categories such as child care, elder care, etc. Users are able to translate the content of the website according to their preferences. Hence WeCare is a very helpful website for those who need care for their loved ones.

In the end, it is concluded that we have made effort on the following points...

- Made a statement of the aims and objectives of the project.
- The description of Purpose, Scope, and applicability.
- We define the problem on which we are working on the project.
- We describe the requirement Specifications of the system.
- We understand the problem domain and produce a model of the system, which describes operations that can be performed on the system.
- We designed the user interface and security issues related to the system.
- Finally, the system is implemented and tested

Future Scope:

1. We aim to make website more user friendly and attractive.
2. To reach to the greater number of users and caregivers.
3. To provide user specific customization based on there preferences.
4. We aim to provide more customization option according to user's need.

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