

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY,
BELAGAVI**



Internship Report

on

“HOUSEKEEPING MANAGEMENT SERVICES”

A report submitted in partial fulfilment of the requirements for the award a
degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

Submitted by

AKSHATA J H

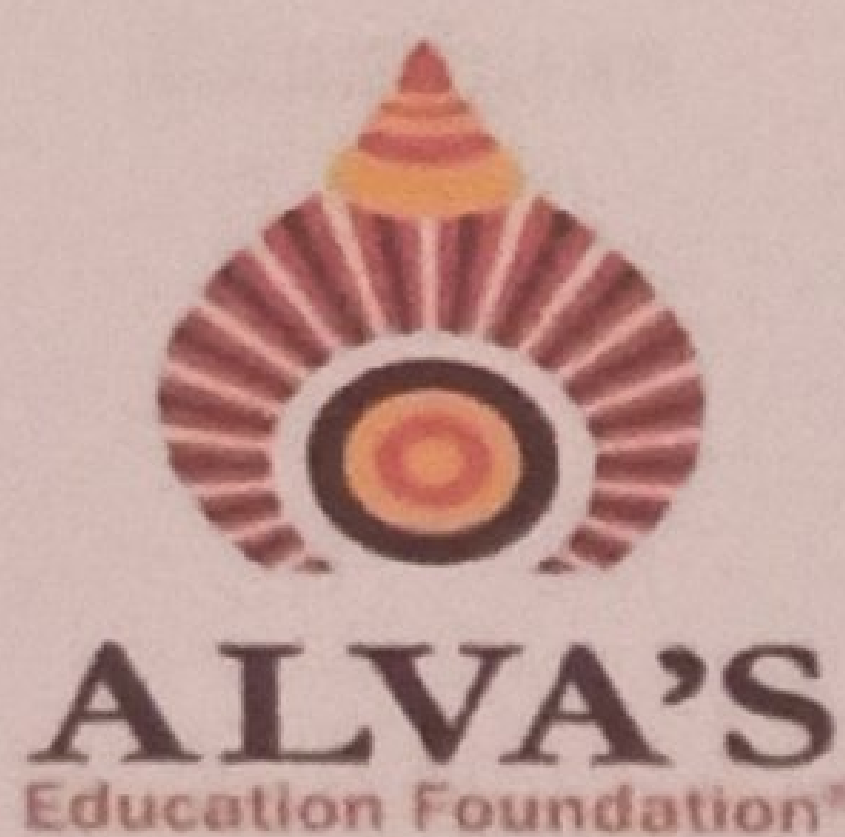
4AL20CS011

Under Supervision of

Dr. Bramha Prakash H P

Associate Professor

Computer Science and Engineering

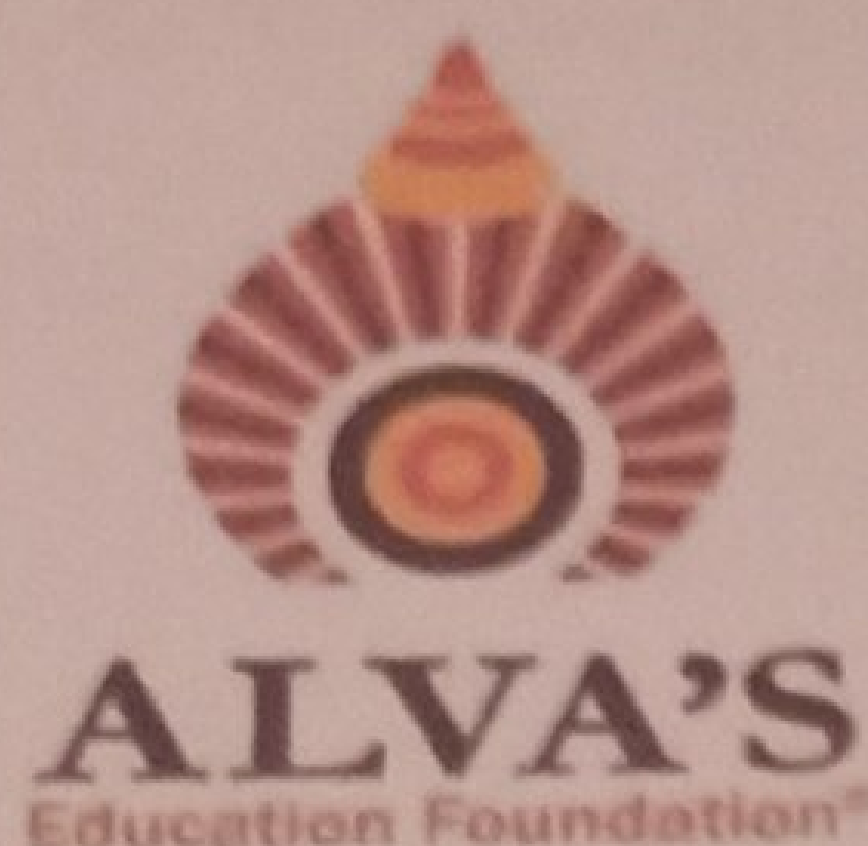


**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY
MOODBIDRI-574225, KARNATAKA**

2023 – 2024

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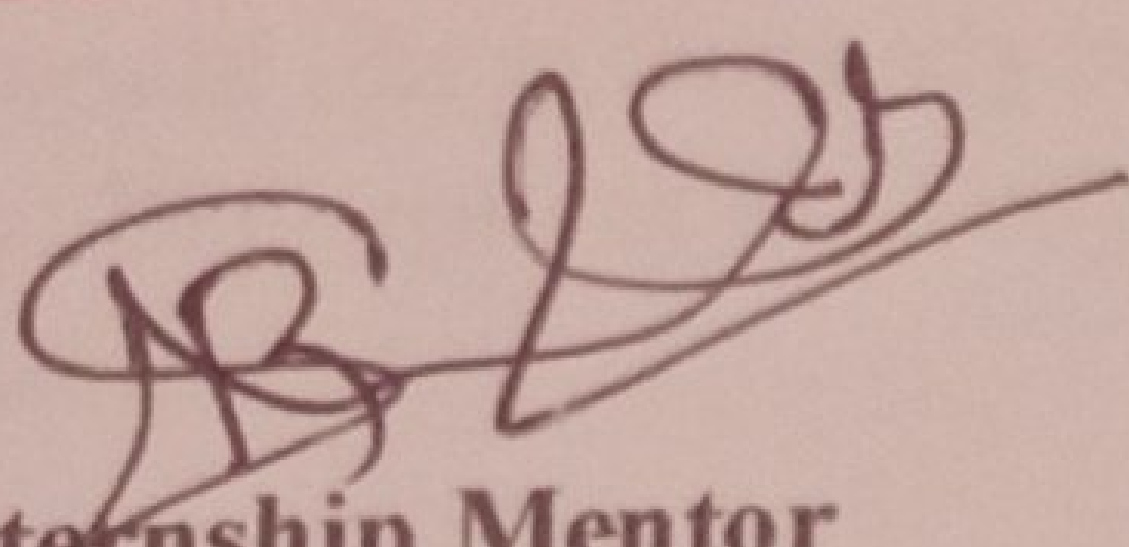
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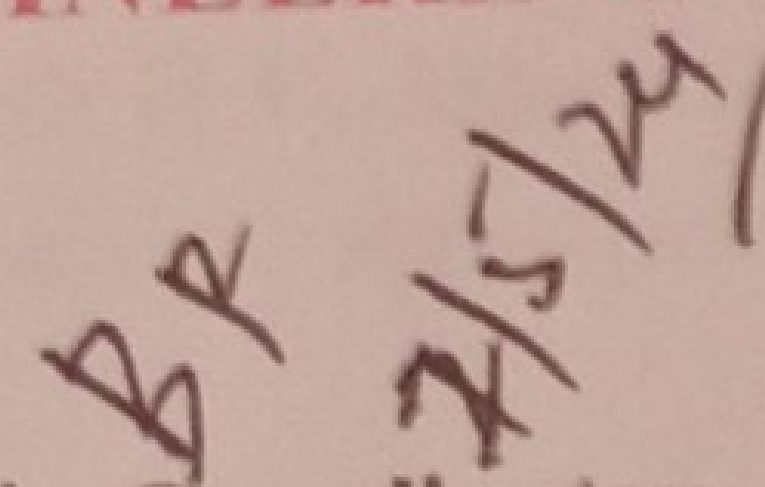


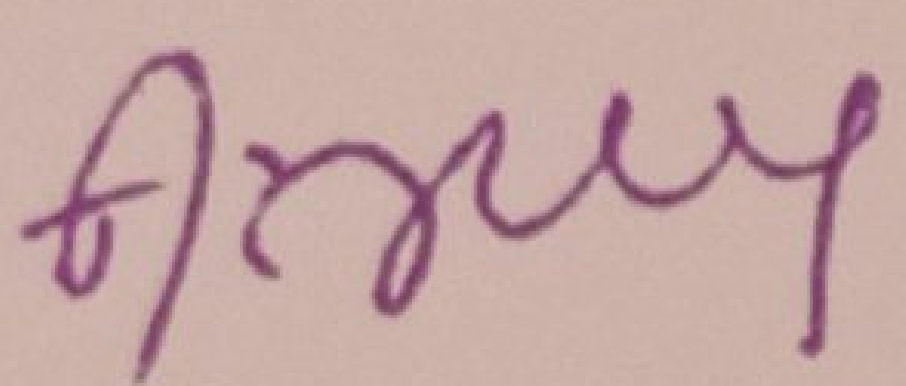
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CERTIFICATE

This is to certify that the Internship report on **"HOUSEKEEPING MANAGEMENT SERVICES"** submitted by **AKSHATA (4AL20CS011)** is work done by her and submitted during the academic year 2023-24, in partial fulfilment of the requirements for the award of the degree of **BACHELOR OF ENGINEERING in COMPUTER SCIENCE AND ENGINEERING**


Internship Mentor
Department of CSE


Internship Coordinator
Department of CSE


Head of the Department of CSE

Examiners

Name

Signature

1)

2)

Acknowledgement

First I would like to thank **QSpiders** for giving me the opportunity to do an internship within the organization.

I also would like all the people that worked along with me in **QSpiders** with their patience and openness they created an enjoyable working environment.

It is indeed with a great sense of pleasure and immense sense of gratitude that I acknowledge the help of these individuals.

I am highly indebted to Managing Trustee **Mr. Vivek Alva** and Principal **Dr. Peter Fernandes, Alva' Institute of Engineering and Technology, Mijar** for the facilities provided to accomplish this internship.

I would like to thank my Head of the Department **Dr. Manjunath Kotari, Professor, Department of Computer Science and Engineering** for his constructive criticism throughout my internship.

I would like to thank my internship Coordinator **Dr. Bramha Prakash H P, Associate Professor, Department of Computer Science and Engineering** for his guidance throughout my internship.

I am extremely grateful to my department staff members and friends who helped me in successful completion of this internship.

AKSHATA J H
4AL20CS011

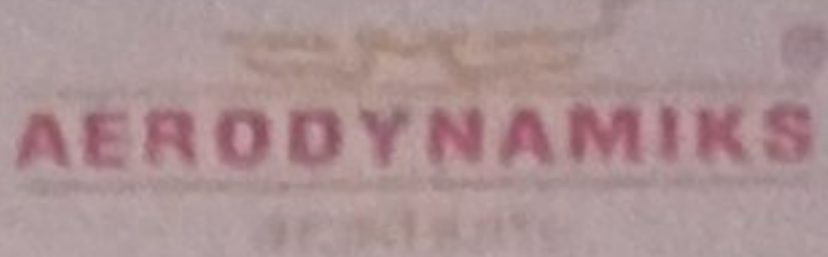
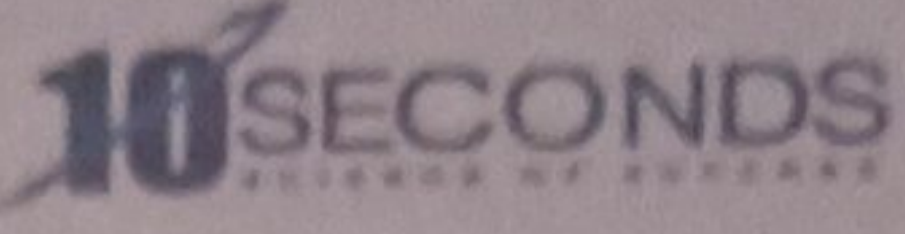
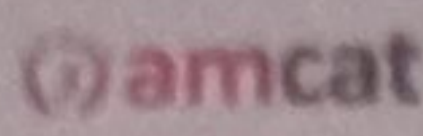
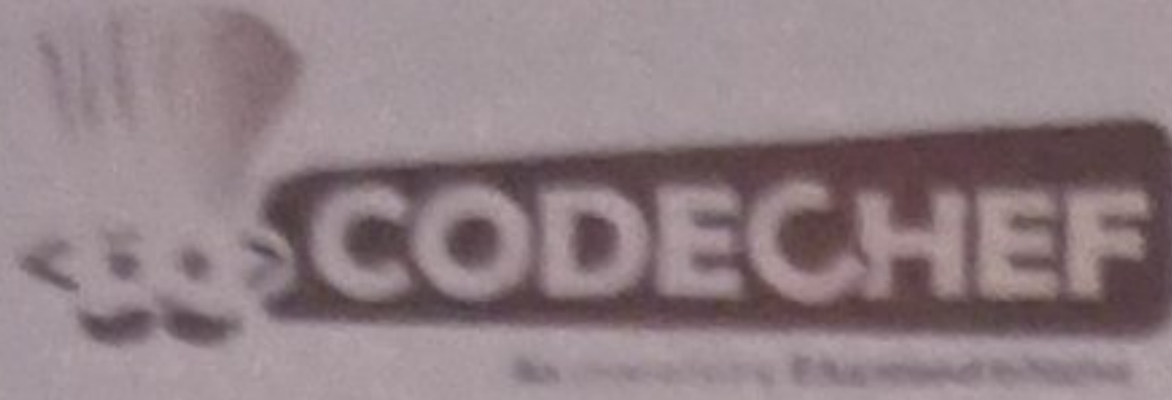
INTERNSHIP CERTIFICATE



ALVA'S
Education Foundation

CERTIFICATE

OF INTERNSHIP

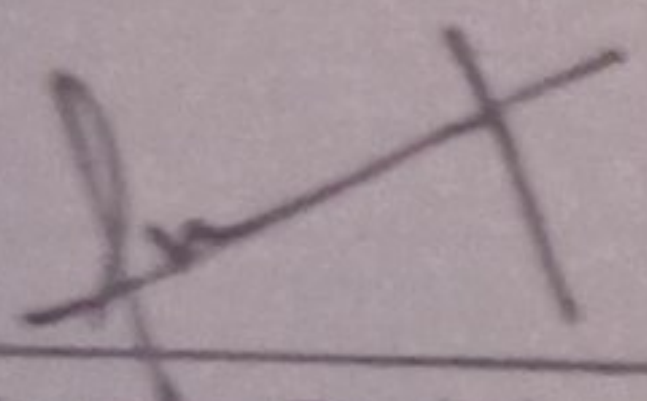


IIIT Allahabad

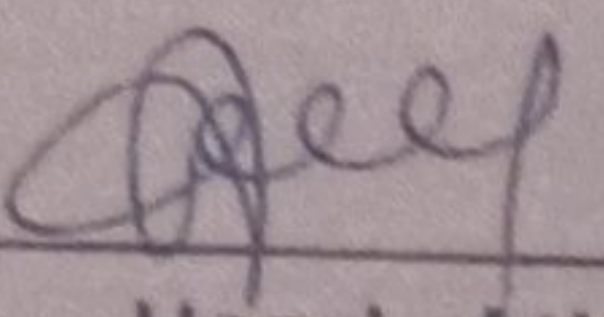
PROUDLY PRESENTED TO:

AKSHATA JAGDEESH HUNASHIMARAD

For the successful completion of 45 days of Internship Program on the topic "Java/Python Full Stack Development, Data Structures & Algorithms, Artificial Intelligence & Machine Learning, Aptitude and Soft Skill Training" conducted by Training & Assessment Partners and IIIT Allahabad during March/April and August 2023.



Head - Training and Placements



Head of the Department



Principal

Alva's Institute of Engineering & Technology, Moodbidri
(Accredited by NAAC with A+ and NBA New Delhi (CSE & ECE))

ABSTRACT

QSpiders is a best-in-class learning solutions organization headquartered in India's IT capital, Bangalore. It offers a wide range of courses in the area of software testing and are official partners of the ISTQB. A "finishing school" in many ways, the institute provides young job aspirants the perfect launch-pad to build a rewarding career in the growing IT sector. From its humble beginnings, QSpiders has exponentially grown to be the world's largest software testing training organization spread across countries. At QSpiders, It ensure training is imparted by specialists with proven subject matter expertise and who have spent over a decade in their area of specialization. Its faculty are highly competent, skilled and dedicated to giving their best towards the professional development of students. Besides training, It also provide placement assistance to our students and most of the big corporates in the corporate world hire our trained talent. It is indeed our pleasure to have placed over thousands of job-seekers in various IT firms across India over the years with an aim to place thousands more! Building competency into over 5000 students a month, QSpiders is where talent meets opportunity and we believe your search for the dream job or the dream professional ends here.

DAILY LOGS

DAY	DATE	TOPICS COVERED
Day 1-Day10	15/11/2022 – 25/11/2022	python
Day 11-Day 16	01/09/2023 – 05/09/2023	HTML, CSS, JavaScript
Day 17-Day 20	06/09/2023 – 09/09/2023	jupyter anaconda
Day 21-Day 25	10/09/2023 – 15/09/2023	python
Day 26- Day 32	08/10/2023 – 14/10/2023	Hibernate, Spring Boot, Spring MVC
Day 33-Day 45	15/10/2023 – 28/10/2023	MySQL

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INTERNSHIP OBJECTIVES

The main objective of this internship is to learn both backend and frontend technologies so that workers can work in any field of software development. To maximize the quality of work in the field of software development. It has been provided to impart practical problem-solving skills which in turn will enhance prospects of career growth.

CHAPTER 1

INTRODUCTION

QSpiders is the world's ace software training organization with an aim to bridge the gap between the demands of the industry and the curriculum of educational institutions. With centers across the Globe, the institute is a platform where young minds are given the opportunity to build successful careers. The company vision is to build an employee fit for agile workspace and provides more software related course which will help us to enlightening our carrier. The company is mainly focusing on Software Development, Software Testing, and Selenium, API Testing, Python Full Stack Development etc. The company will provide the sufficient training which will be helpful to crack the interview offered by other companies. It also provides placement opportunities for both graduates as well as students in different MNC's. QSpiders, JSpiders and PySpiders hold the record of supplying the highest number of industry-ready technical resources. They can supply over 3500 technical resources at any time to meet the industry's demand.

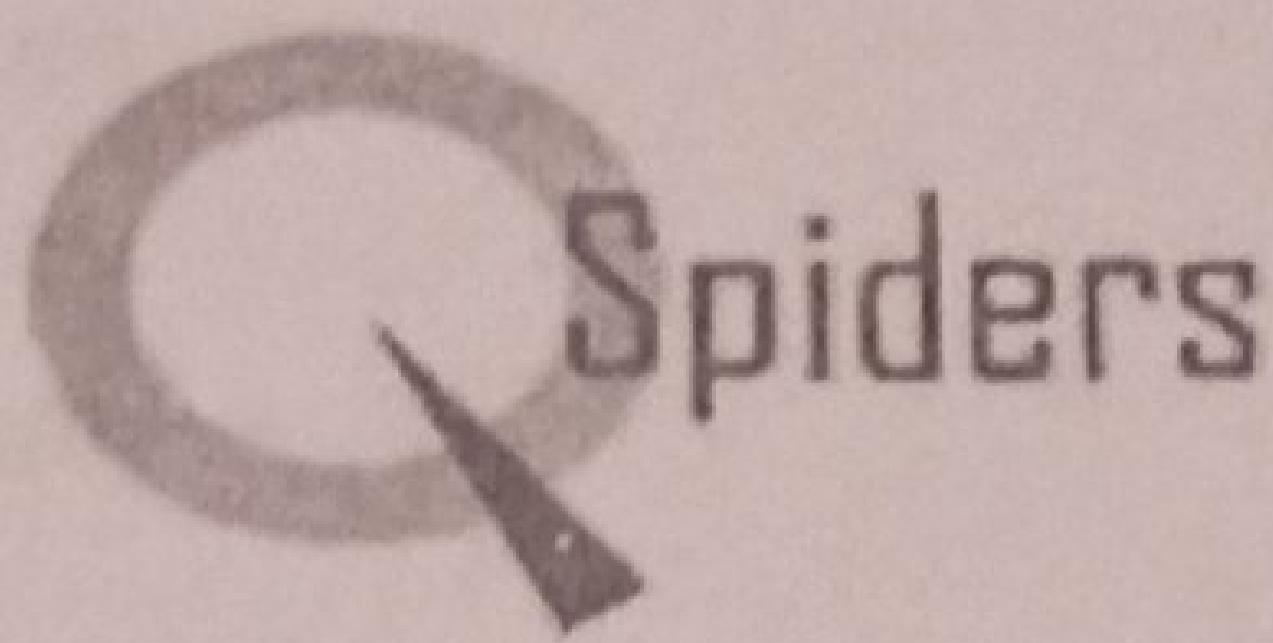


Fig-1.1 Logo of QSpiders

CONTACT DETAILS:

Websites: <https://www.qspiders.com/>

Headquarters:

Bangalore

Year Founded:

2003

Company Type:

QSpiders is a private company based in Bangalore, India that provides training and placement services in software testing and other related fields. The company has several branches across India and offers courses in manual testing, automation testing, mobile testing, and more.

QSpiders has gained a reputation for providing quality training and has placed many of its students in top IT companies in India. The company has a team of experienced trainers who provide hands-on training to the students and help them build their skills in software testing.

While QSpiders has received positive reviews from many of its students and clients, it's important to note that individual experiences may vary. It's always a good idea to do your own research and read reviews before choosing a training provider.

Address:

01, Hayavadana Rao Rd, Basappa
Layout, Gavipuram Extention,
Kempegowda Nagar, Bengaluru,
Karnataka 560019

Email - enquiry@qspiders.com

Phone - 8951965854

CHAPTER 2

PROJECT DETAILS

2.1 PROJECT AREA/DOMAIN

Housekeeping management services involve the systematic organization and maintenance of cleanliness and order within various environments, including residential, commercial, and institutional settings. Within this domain, project areas include implementing efficient cleaning protocols, managing inventory and supplies, training staff in sanitation practices, coordinating scheduling and staffing, and implementing eco-friendly practices to minimize environmental impact. Additionally, it involves ensuring compliance with health and safety regulations, optimizing workflow efficiencies, and providing exceptional customer service to clients.

2.2 PROBLEM STATEMENT

The idea of developing house cleaning service system is due to some issues. Considering many households which do not have maid or personal cleaner, house cleaning service system take initiative to offer suitable services to those who wants to spend less but still get the desired cleaning services. The system consequentially saves costs and avoid any possible risk from hired full time house cleaner.

2.3 LANGUAGES USED

The languages used for implementation are as follows:

Front end:- PHP, HTML, CSS, JavaScript

Back end:- MySQL

PHP:-

PHP is a server-side scripting language designed primarily for web development but also used as a general-purpose programming language. Originally created by Rasmus Lerdorf in 1994, the PHP reference implementation is now produced by The PHP Development Team. PHP originally stood for Personal Home Page, but it now stands for the recursive acronym. PHP code may be embedded into HTML or HTML5 markup, or it can be used in combination with various web template systems, web content management systems and web frameworks. PHP code is usually processed by a PHP interpreter implemented as a module in the web server or as a Common Gateway Interface (CGI) executable.

The web server software combines the results of the interpreted and executed PHP code, which may be any type of data, including images, with the generated web page. PHP code may also be executed with a command-line interface (CLI) and can be used to implement standalone graphical.

HTML:-

Hypertext Mark-up Language (HTML) is the standard mark-up language for creating web pages and web applications. With Cascading Style Sheets (CSS) and JavaScript it forms a triad of cornerstone technologies for the World Wide Web. Web browsers receive HTML documents from a web server or from local storage and render them into multimedia web pages.

MySQL:-

MySQL is an open-source relational database management system (RDBMS). Its name is a combination of "My", the name of co-founder Michael Widenius daughter, and "SQL", the abbreviation for Structured Query Language. The MySQL development project has made its source code available under the terms of the GNU General Public License, as well as under a variety of proprietary agreements. MySQL was owned and sponsored by a single for-profit firm, the Swedish company MySQL AB, now owned by Oracle Corporation. For proprietary use, several paid editions are available, and offer additional functionality. Store Management Systems

CHAPTER 3

SYSTEM DESIGN

3.1 Schema diagram

ADMIN

<u>admin_id</u>	username	email	password
-----------------	----------	-------	----------

HOME_TASKS

<u>home_id</u>	admin_id	user_no	name	activity	tdate	dtime	status
----------------	----------	---------	------	----------	-------	-------	--------

USERS

<u>user_no</u>	image	<u>name</u>	paswd	email	address	mobile
----------------	-------	-------------	-------	-------	---------	--------

Fig 3.1 Schema diagram

The figure 3.1 in the schema diagram for housekeeping management system. It shows the relationship between different table attributes. Here admin, home_tasks and users are the relationship with attributes. All the foreign keys are connected to the primary key using directional arrows. Any attribute underlined is known as the primary key. That should be unique to the table, i.e., the value can't be used twice. Foreign key should be referenced properly or else it will throw error.

3.2 ER diagram

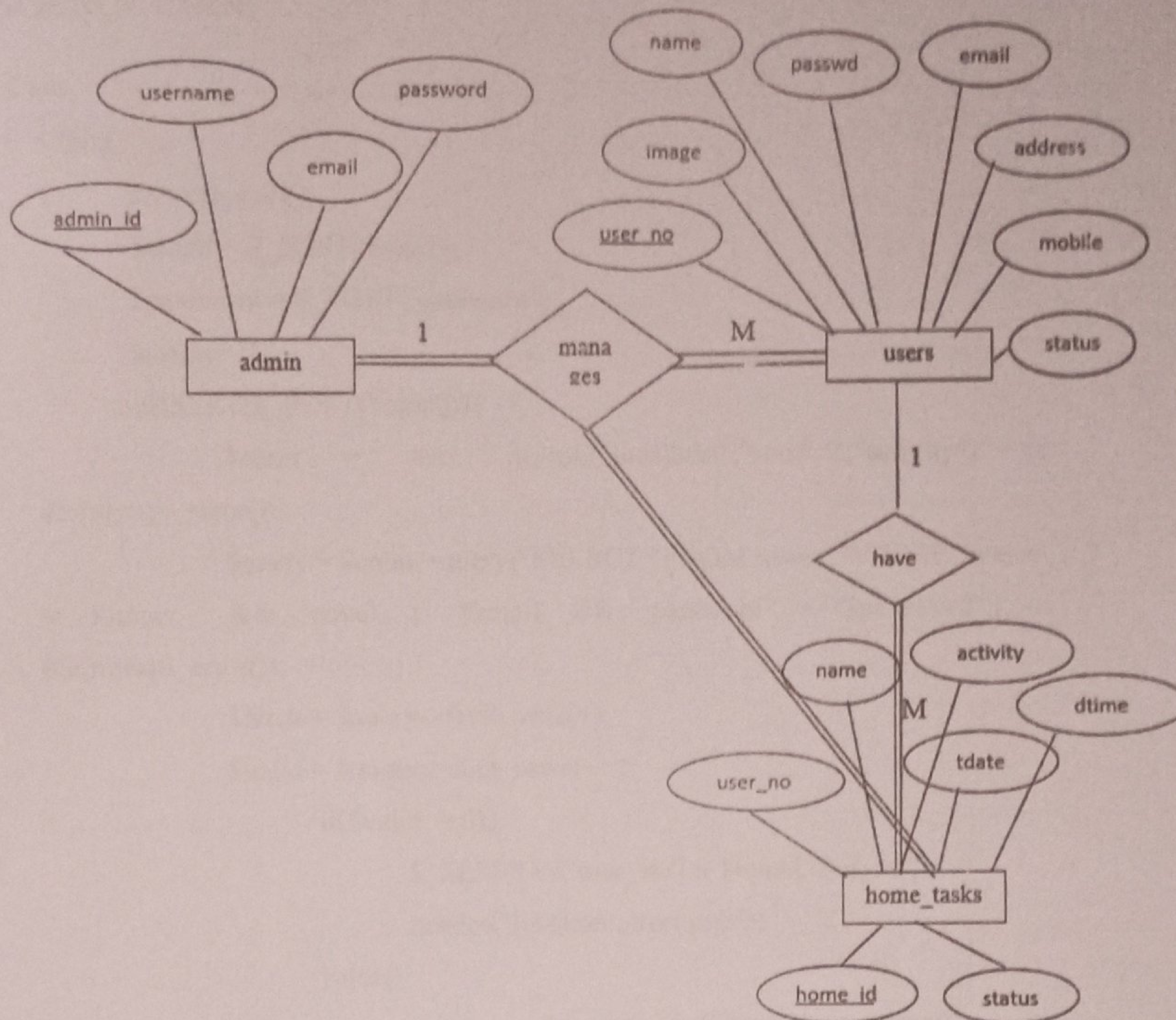


Fig 3.2 ER diagram

The figure 3.2 is the ER diagram of housekeeping management system. It shows the cardinality ratios, dependencies, entity type and other information. Here admin is relation with attributes. It shows the flow of the project. And also it helps the developers to build the project easy as it acts like a overview of the project.

CHAPTER 4

IMPLEMENTATION

4.1 SOURCE CODE

PHP Code

```
<?php
    session_start();
    $email = $_POST['email'];
    $password = $_POST['password'];
    $status= '1';
    if(ISSET($_POST['login'])) {
        $conn = new mysqli("localhost","root","","activity") or
die(mysqli_error());
        $query = $conn->query("SELECT *FROM `users` WHERE `status`
= '$status' && `email` = '$email' && `password` = '$password'") or
die(mysqli_error());
        $fetch = $query->fetch_array();
        $valid = $query->num_rows;
        if($valid > 0){
            $_SESSION['user_no'] = $fetch['user_no'];
            header("location:./user.php");
        } else {
            echo "<script>alert('Invalid email or
password')</script>";
            echo "<script>window.location
='index.php'</script>";
        }
        $conn->close();}
?>
```

HTML Code

```
<!-- MODAL ---->
<div id="loginModal" class="modal fade" role="dialog">
<div class="modal-dialog">
<!-- Modal content-->
<div class="modal-content">
<div class="modal-header">
```

```

<button type="button" class="close" data-
dismiss="modal">&times;</button>
<h4 class="modal-title">Login</h4>
</div>
<div class="modal-body">
<form method="post" action="login.php" enctype="multipart/form-data">
<center> <input type="email" name="email" style = "width:300px;" class="form-
control" placeholder="input your email" /> </center>
<br />
<center> <input type="password" name="password" style = "width:300px;"
class="form-control" placeholder="please input your password" /> </center><br />
<center><button name="login" onauxclick="ball()" style="width: 300px; height: 40px;
background-color: #156699; font-size: 18px;" class="btn btn-warning btn-
Lprimary">Login</button></center> <hr/>
<center> <button type="button" style="width: 300px; height: 40px;
background-color: #156699; font-size: 18px;" class="btn btn-warning btn-primary"
target="_blank"
onclick="window.location.href='http://localhost/HCS/public_html/register.php?link=re
gister'">Register</button>
</center>
</header>
<center> <h3>ABOUTHOME          ACTIVITY          TASKING
SERVICES</h3></center>
<h3>HOME MANAGING</h3>
<br>
</script>
<script src="./js/main.js"></script>
<script src="./js/easy-responsive-tabs.js"></script>
<script>
$(document).ready(function () {
$('#horizontalTab').easyResponsiveTabs( {

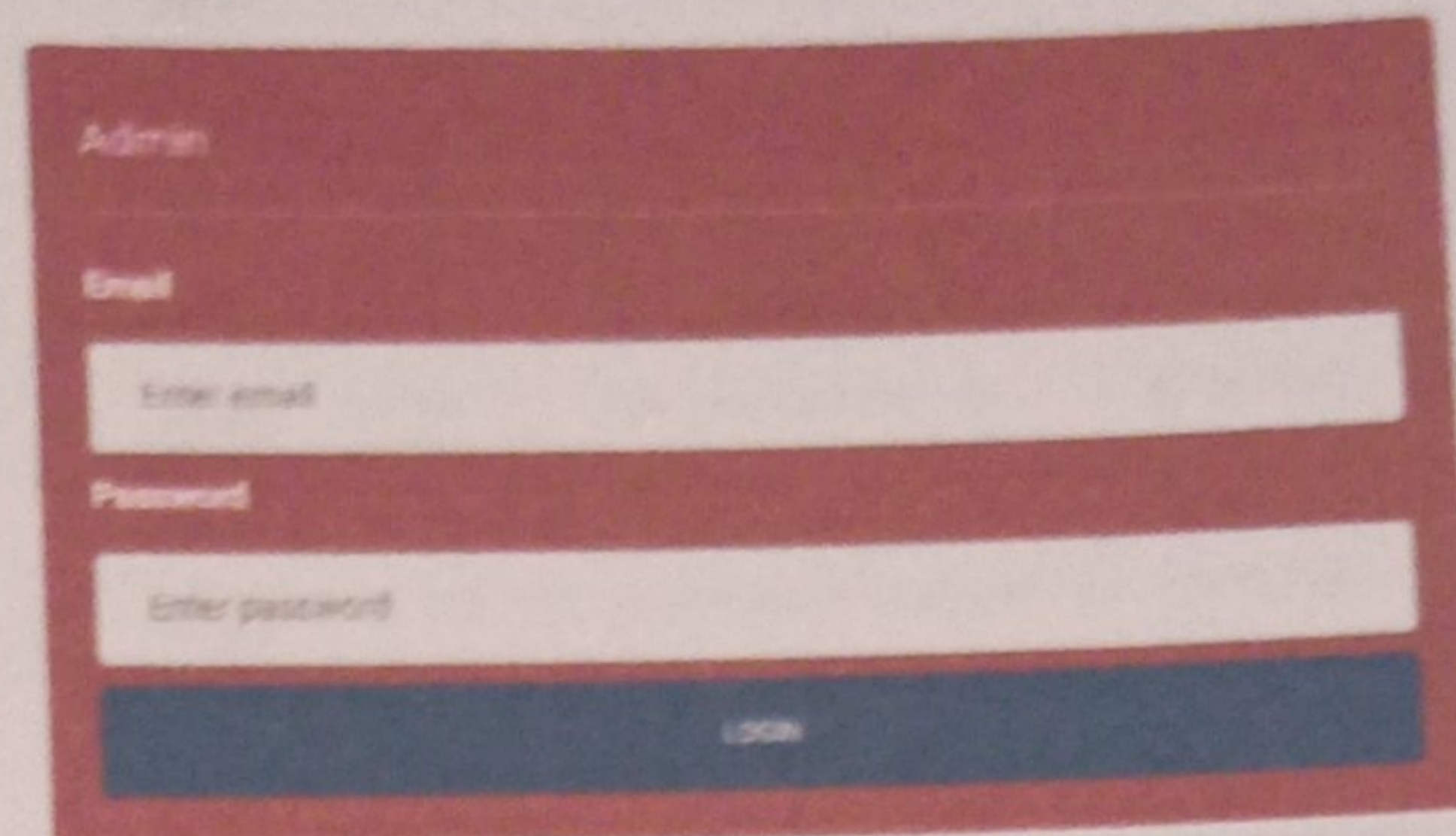
```

SQL COMMANDS

```
CREATE TABLE 'admin' (  
  'admin_id' int(11) NOT NULL,  
  'username' varchar(50) NOT NULL,  
  'email' varchar(50) NOT NULL,  
  'password' varchar(50) NOT NULL  
) ENGINE=MyISAM DEFAULT CHARSET=latin1;  
CREATE TABLE 'home_tasks' (  
  'home_id' int(11) NOT NULL,  
  'user_no' int(11) NOT NULL,  
  'name' varchar(50) NOT NULL,  
  'activity' varchar(255) NOT NULL,  
  'tdate' date NOT NULL,  
  'dtime' text NOT NULL,  
  'status' enum('1','0') NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;  
CREATE TABLE 'users' (  
  'user_no' int(11) NOT NULL,  
  'image' varchar(50) NOT NULL,  
  'name' varchar(50) NOT NULL,  
  'password' varchar(50) NOT NULL,  
  'email' varchar(50) NOT NULL,  
  'address' varchar(50) NOT NULL,  
  'mobile' varchar(50) NOT NULL,  
  'status' enum('0','1') NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;  
ALTER TABLE 'admin'  
  ADD PRIMARY KEY ('admin_id');  
ALTER TABLE 'home_tasks' ADD PRIMARY KEY ('home_id');  
ALTER TABLE 'users' ADD PRIMARY KEY ('user_no'), ADD UNIQUE KEY  
  'user_no' ('user_no');
```

4.2 SNAPSHOTS

ADMIN | HCS



Admin

Email

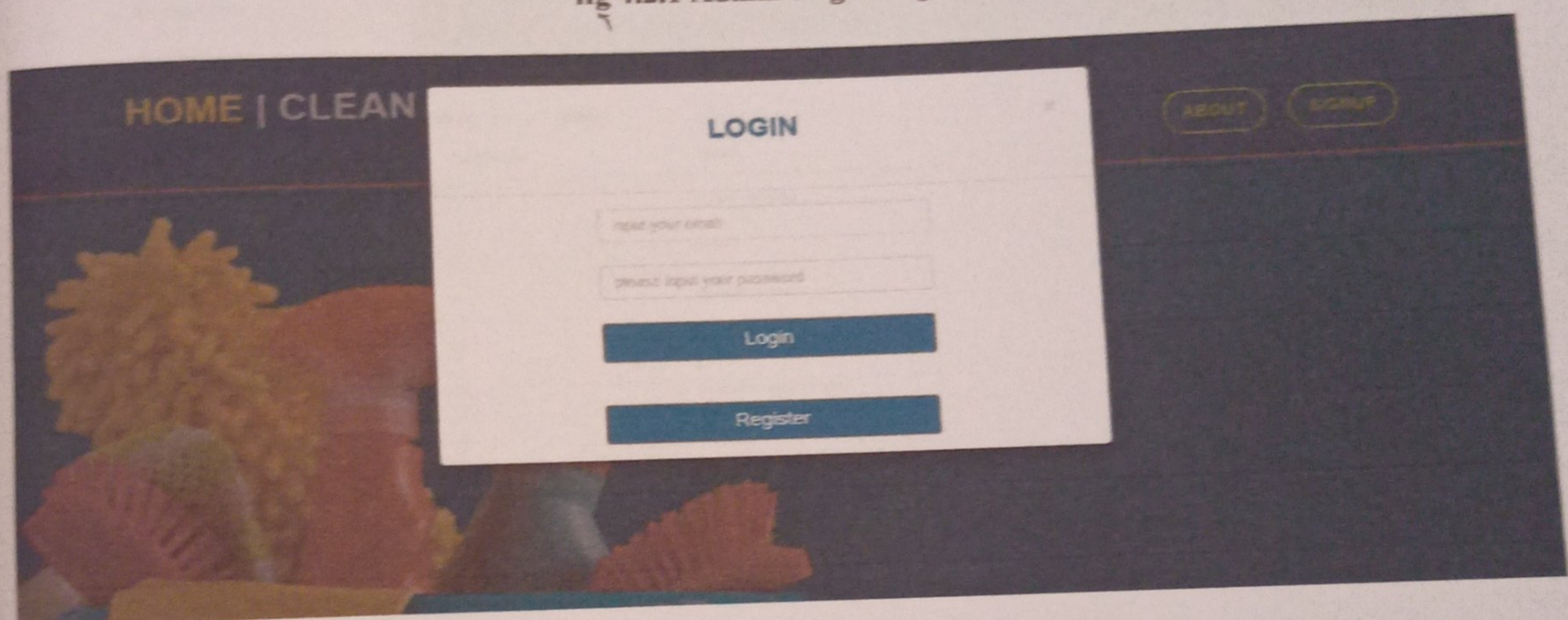
Enter email

Password

Enter password

LOGIN

fig 4.2.1 Admin Login Page



HOME | CLEAN

LOGIN

input your email

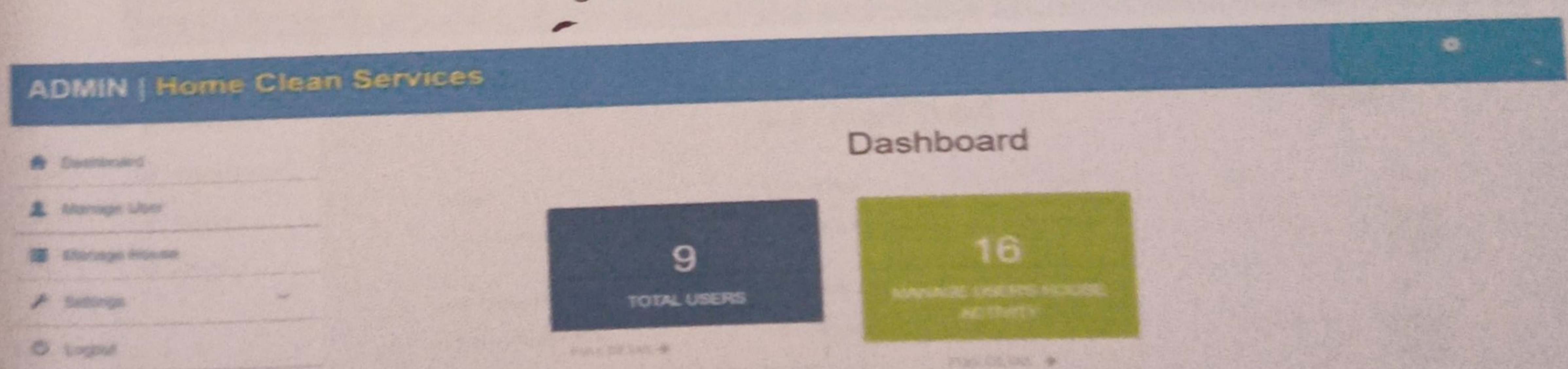
please input your password

Login

Register

ABOUT LOGIN

Fig 4.2.2 User Login Page



ADMIN | Home Clean Services

Dashboard

Dashboard

Manage User

Manage House

Settings

Logout

9 TOTAL USERS

16 MANAGE USERS HOUSE ACTIVITY

Fig 4.2.3 Admin dashboard

ADMIN | Home Clean Services

Manage Users

Dashboard Manage User Manage House Settings Logout

Show 10 entries

#	Image	Name	Email	Phone	Address	Account	Action
31		Shreya S	ShreyaS@gmail.com	9005077000	Kaveri A	Confirmed	Edit Delete
30		Prasanthi	prasanthi13@gmail.com	9052003004	Saveri C	Confirmed	Edit Delete
29		Sahana	Sahana@gmail.com	9000000004	Shreehantra	Confirmed	Edit Delete
28		Spoorthi	spoorthi45@gmail.com	9000000000	Mijar	Confirmed	Edit Delete
27		Akshata Hunshimarad	akshatahuns@gmail.com	9000000000	Cherwell	Confirmed	Edit Delete
26		Harshitha N P	harshithapn0405@gmail.com	9849051750	Shreehantra	Confirmed	Edit Delete

Fig 4.2.4 Admin dashboard

ADMIN | Home Clean Services

HOME CLEANERS:

Dashboard Manage User Manage House Settings Logout

Show 10 entries

HOME ID.	Name	Action
21	ALvin Gurnathay	View Edit
23	romini	View Edit
25	bruhos bruhos	View Edit
26	Harshitha N P	View Edit
27	Akshata Hunshimarad	View Edit
28	Spoorthi	View Edit
29	Sahana	View Edit

Fig 4.2.5 Admin Manage House

ADMIN | Home Clean Services

DAILY HOME TASKS

Dashboard Manage User Manage House Settings Logout

[Back](#)

Name	Activity Tasks	Date	Time	Status
Akshata Hunshimarad	Kitchen cleaning	2023-01-20	12:10am	Done
Akshata Hunshimarad	Garden cleaning	2023-01-20		Done
Akshata Hunshimarad	Living room cleaning	2023-01-20	12:10am	Done

Fig 4.2.6 Daily Home Tasks

CHAPTER 5

INTERNSHIP BENEFITS

After Completing 90 days of internship in QSpiders Bangalore, I have got idea about different python frameworks, technologies in various IT field for real time application development. This internship help us to overcome the gap between the industrial needs. In these 30 days of internship I learnt lot of python technologies and frameworks like Maven Project, Jupyter, Hibernate, Spring Boot, Spring MVC etc. It help me to learn basic knowledge of HTML, CSS, JavaScript and Database like MySQL and Oracle. Provides much knowledge about real time application development using software development practices. Learned to debugging the code to fix the error. Able to work with team and learned how to be a part of team during work. Learnt both frontend and backend technologies for efficient application development.

CHAPTER 6

CONCLUSION

Using the web-based "housekeeping management system" project, housekeeping service providers i.e., administrators, can manage and control the service they provide to their customers. Our home task has several options for adding home activities, such as the name of the user, the activity the user added, date and time the user added the activity and the status of the activity. Using a website, users can register their home task needs online and update when the service is provided, making it easier and more convenient for users to register. Ultimately, the project gives a cleaning service an online presence so that it can easily be accessed by users, increasing profits for the company.

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