



American International University- Bangladesh

CSC 3222: Web Technologies

CO1.1 and CO2.1 Evaluation

Project Report

Spring 2021-22

Project Title: **Handyman Services**

Section: **L**

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Handyman Services

Introduction:

The “*Handyman Services*” website is a simple e-commerce website for the handymen of a local area. Often people of towns and cities face problem regarding their household works, like electric component problems or installation problems. And most of the time they face difficulties finding a handyman to fix the problem. This website helps them in finding a handyman with ease within a small time. Also, this website offers job to people who have the skills for this kind of jobs and gives them a good earning possibility.

Background Study:

Here are fellow websites that we have studied and observed to get ideas-

- i. [Handyman Services / Home Repair \(mrhandyman.com\)](http://mrhandyman.com) : This is a great website for hiring handymen for household works. It has a great UI design and has great category managing system.
- ii. [My Las Vegas Handyman - Repairs, Improvements & More](http://mylasvegas.com) : This is a fine website for hiring handymen for any household services. It also has a good UI design and post management system.
- iii. [Atlanta Remodeling / Handyman Atlanta Services / Hands You Demand](http://atlantahandyman.com) : This website provides handymen services and has a simple and compact interface.

Requirement Analysis:

1. User Category:

There are 3-types of Users here. They are:

- Regular User
- Handyman
- Admin

2. Feature List:

In this project the “**Regular User**” has the following features:

- Sign-up
- Login
- Update profile information
- Delete Account
- Make a post
- Delete a post



Handyman Services

- Update post information
- See offers
- Check handyman information
- Rate & comment on a handyman
- Check work status
- Contact a handyman
- Contact admin for technical problems

In this project the “**Handyman**” has the following features:

- Register
- Login
- Update profile information
- Delete Account
- See requests/posts according to type
- Get user information through request ID
- Make an offer
- Contact a user
- Contact admin for technical problems
- Manage pickup time and work progress
- Check reviews
- Follow another handyman

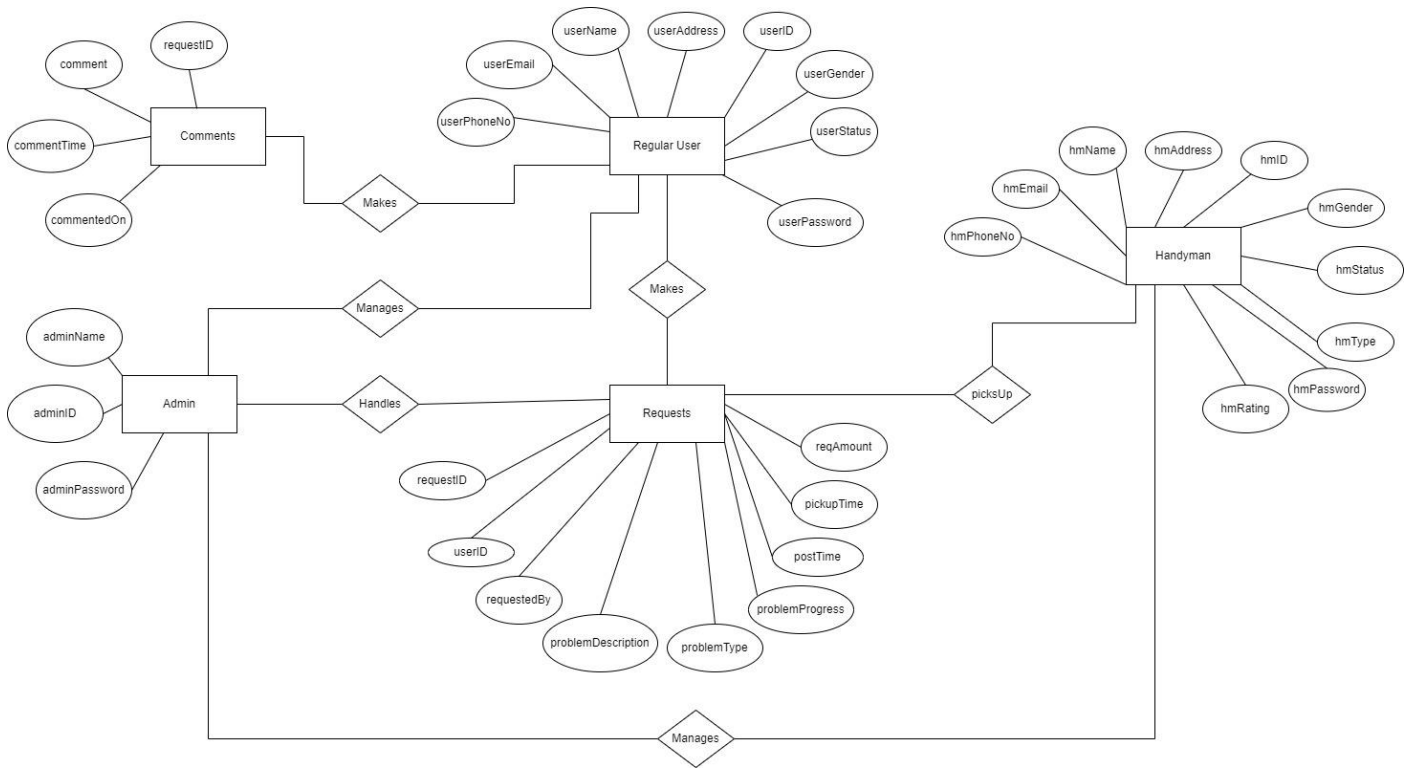
In this project the “**Admin**” has the following features:

- Login
- Ban/unban a regular user/handyman
- Warn a regular user/handyman for unusual activity
- Handle user/handyman technical issues
- See all posts
- Delete a post
- See all comments
- Delete a comment
- Check any work status
- Check a handyman performance report
- Check all user/handyman information
- Change website background information



Handyman Services

Design:



Tools Used:

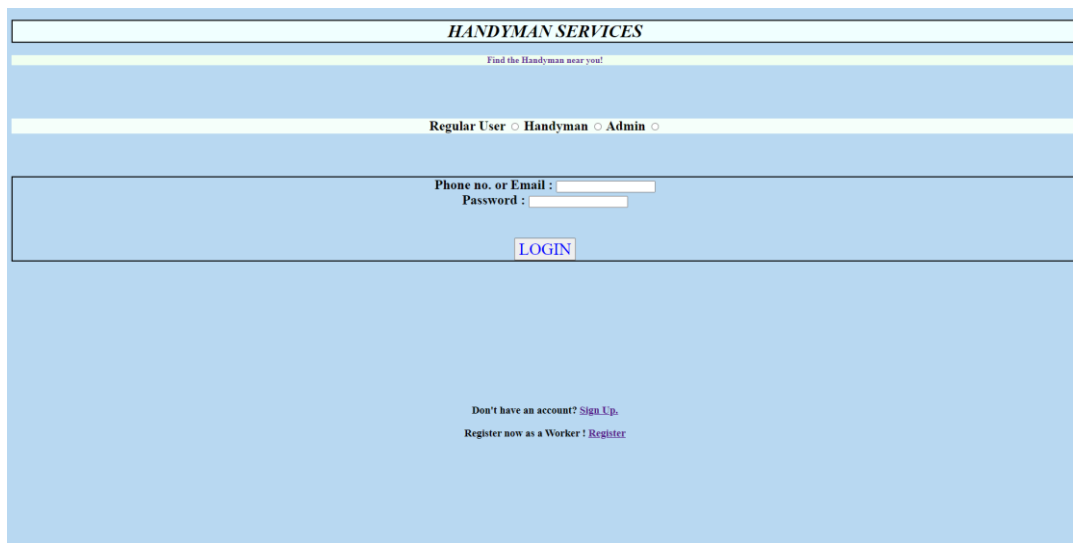
To develop this project, we have used the following:

- Visual Studio Code
- Xampp
- A Web Browser
- Draw.io



Handyman Services

System Images against the Specification:



The image shows the login page of the 'HANDYMAN SERVICES' website. The header features the site name in a blue box. Below it, a tagline 'Find the Handyman near you!' is displayed. A navigation bar contains links for 'Regular User', 'Handyman', and 'Admin'. The main form area includes input fields for 'Phone no. or Email' and 'Password', followed by a 'LOGIN' button. At the bottom, there are links for 'Sign Up' and 'Register'.

HANDYMAN SERVICES

Find the Handyman near you!

[Regular User](#) [Handyman](#) [Admin](#)

Phone no. or Email :

Password :

[LOGIN](#)

Don't have an account? [Sign Up](#).

Register now as a Worker ! [Register](#)



The image shows the 'Sign Up' page. The title 'Sign Up' is centered at the top. The form contains input fields for 'Full Name', 'Address', 'Gender' (with radio buttons for 'Male' and 'Female'), 'Phone no', 'Email', 'Password', and 'Confirm Password'. A 'Submit' button is located at the bottom of the form. A 'Home' link is visible in the bottom left corner.

Sign Up

Full Name :

Address :

Gender : ☐ Male ☐ Female

Phone no :

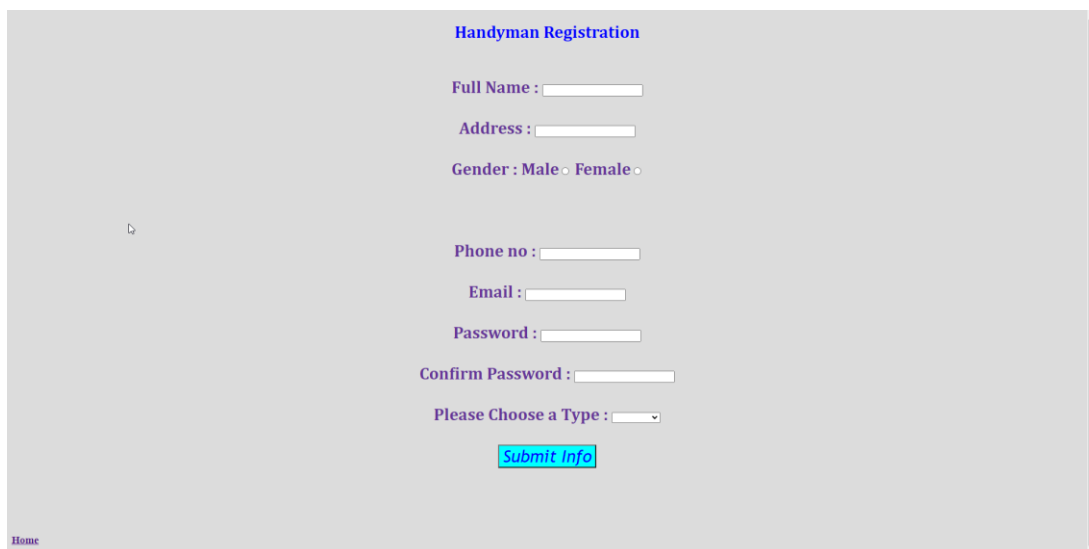
Email :

Password :

Confirm Password :

[Submit](#)

[Home](#)



The image shows the 'Handyman Registration' page. The title 'Handyman Registration' is centered at the top. The form includes input fields for 'Full Name', 'Address', 'Gender' (with radio buttons for 'Male' and 'Female'), 'Phone no', 'Email', 'Password', and 'Confirm Password'. There is also a dropdown menu labeled 'Please Choose a Type'. A 'Submit Info' button is at the bottom of the form. A 'Home' link is visible in the bottom left corner.

Handyman Registration

Full Name :

Address :

Gender : ☐ Male ☐ Female

Phone no :

Email :

Password :

Confirm Password :

Please Choose a Type :

[Submit Info](#)

[Home](#)



Handyman Services

ADMIN HOME

Home Manage Accounts View All Accounts About

All Posts

- [Req ID : 6] - Problem Description : I have a simple plumbing problem in my washroom #Posted On [19/03/22- 06:12:32]
- [Req ID : 7] - Problem Description : The sink in my kitchen has broken and needs to be replaced. #Posted On [19/03/22- 06:29:23]
- [Req ID : 8] - Problem Description : The water pump in my house is not working properly. #Posted On [19/03/22- 08:34:27]

Sign Out

MANAGE ACCOUNTS

Home Manage Accounts View All Accounts About

User Type : Regular User User ID : 30

STATUS

Banned Until Further Notice

Warning for Unusual Activity

Unban

CHANGE STATUS

VIEW ALL ACCOUNTS

Home Manage Accounts View All Accounts About

REGULAR USER ACCOUNTS

ID	Name	Gender	Address	Phone No	Email	Status
8	Kabir	Male	Gulshan	0129123124	kabir123@gmail.com	Valid
25	Zishan	Male	Khilgaon	+8801820025566	zishanahmed599@gmail.com	Warned
27	Jim	Male	Kuril	+88018121314	jim@gmail.com	Valid
30	Jim	Male	Japan		jim1@gmail.com	Valid
31	Shanto	Male	Modhubag	111	shanto@yahoo.com	Valid

HANDYMAN ACCOUNTS

ID	Name	Gender	Address	Phone No	Email	Type	Status
6	Nowshin	Female	Mirpur	0121349154		Plumber	Warned
7	aaa	Male	aaa		aaa@gmail.com	Plumber	Valid



Handyman Services

USER HOME

Home Update Information Make a Post About

User Info :

- Username : Kabir
- User ID : 8
- User Email : kabir123@gmail.com
- User Phone No : 0129123124
- User Address : Gulshan

My Posts

- [ID : 6] - Problem Description : I have a simple plumbing problem in my washroom #Posted On [19/03/22-06:12:32]
- [ID : 7] - Problem Description : The sink in my kitchen has broken and needs to be replaced. #Posted On [19/03/22-06:29:23]

Sign Out

UPDATE INFORMATION

Home Update Information Make a Post About

Full Name :

Address :

Phone no :

Email :

Old Password :

New Password :

Confirm New Password :

DELETE ACCOUNT

Type Password :

MAKE A POST

User ID :

Post By :

Address :

Phone no :

Email :

Problem Type :

Today's Date :

Current Time :



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HANDYMAN HOME

[Home](#) [Update Information](#) [Take a Job](#) [About](#)

You Have Been Warned For Unusual Activity

Handyman Info :

- Name : Nowshin
- ID : 6
- Email :
- Phone No : 0121349154
- Address : Mirpur
- Type : Plumber

Posted Problems

- [ID : 6] - Problem Description : I have a simple plumbing problem in my washroom #Posted On [19/03/22-06:12:32]
- [ID : 7] - Problem Description : The sink in my kitchen has broken and needs to be replaced. #Posted On [19/03/22-06:29:23]
- [ID : 8] - Problem Description : The water pump in my house is not working properly. #Posted On [19/03/22-08:34:27]

Sign Out

UPDATE INFORMATION

[Home](#) [Update Information](#) [Take a Job](#) [About](#)

Full Name :

Address :

Phone no :

Email :

Type :

Old Password :

New Password :

Confirm New Password :

DELETE ACCOUNT

Type Password :

TAKE A JOB

ENTER REQUEST ID

—LAST LOADED —

REQUESTED BY :Kabir

Address :Gulshan

Email :kabir123@gmail.com

Phone No : 0129123124

Post Date & Time :19/03/22 [06:29:23]

Job Description : The sink in my kitchen has broken and needs to be replaced.

[GO HOME](#)



Handyman Services

Impact of this Project:

A lot of people in Bangladesh face problems finding a proper handyman for any kind of household works. Often, they are done by amateurs which causes components to be damaged or broken. As there are no good website for finding a handyman in this region, this website will sure prove effective. Also, here jobs are not easily found. People face a lot of struggles to find any suitable job according to their expertise. So, this website will provide jobs to a lot of people who has technical skills. Also, people can check on their work status from anywhere and can get their required services at a minimal cost and there will be lots of offers on their posts. Again, a handyman can be properly rated as he/she will be rated according to his performance.

Limitations and Possible Future Improvements:

In the initial release we are only providing basic functionalities with a simple user interface. They call can be improved in future. We can add features like users directly calling a handyman or the support center. Also, we can integrate maps to find available handymen as well as job offers near a user's locality. Also, we can improve the posting system and commenting system and the security system of the website in future.

[Note: Make sure that your report is maximum 10 pages (including cover page). Print (Colored) the report and submit it with spiral bind.]

CO1.1 and CO2.1 Evaluation: Project Report Evaluation					
Project Proposal (5)	Background Study (5)	Requirement Analysis (5)	Entity Diagram (5)	System Images against the Specification (5)	Total (25)

