Civil Contractor Website Project - Guide

# 1. Introduction

This document provides a step-by-step guide for building a Civil Contractor Website as a major project. The project will be developed using HTML, CSS, PHP, and MySQL. The document also includes team member task division, database design, starter project code snippets, and deployment instructions.  
in simple words our website building Blueprint.

# 2. Team Task Division

Since there are 5 members, the work is divided as follows:

1. Project Leader - Manage project, integrate all pages, final testing, and deployment **by** **Kabir**

2. Frontend Developer 1 - Create Home Page and Services Page **by** **Pragati** (since I know you are not skill full in coding, I assign you this task, just use AI and tell him to generate home, service webpages for civil contractor website and create multiple pages like create 3 home page, 4 services page which then we can choose one from that)

3. Frontend Developer 2 - Create Posts Page and Contact Page **by Yuvraj** ( since you are also not very good at coding . so just use AI to generate multiple pages from which we can choose to upload in our website , you can use WordPress if you want but its time complex)

4. Backend Developer - Create database, handle feedback form connection, PHP scripts **by Shantanu and Shivam** ( you guys have to use Yuvraj and pragati webpages and then connect it using Xampp or other hosting to create a simple database were we store feedback form data and uploaded images )

5. Full-stack/Tester - Integrate feedback form display on homepage, test and fix issues **By Kabir**

Obviously, we will mix up the work so don’t need to be stick only with one task you can work with other member if you want to ,this is just a document which we can later used it to present in college. And don’t worry you are not gonna work alone on any project you can always ask me or other member you work with you if you find difficulty’s

in your work ( even through you have AI )

# 3. Website Pages

Page 1: Home Page (Business details)  
Page 2: Services Page (What kind of work we can do)  
Page 3: Posts Page (Before and after work pictures)  
Page 4: Contact Page (Contact information, map, phone)  
Page 5: Feedback Page (Form + Display comments on homepage)

# 4. Database Design

Database Name: civil\_contractor

Table: feedback  
- id (INT, Primary Key, Auto Increment)  
- name (VARCHAR)  
- email (VARCHAR)  
- comment (TEXT)  
- date (TIMESTAMP)  
  
Table: Post  
- uploaded images

# 5. Setup Instructions for backend team

Step 1: Install XAMPP (Apache + MySQL).  
Step 2: Open XAMPP Control Panel and start Apache and MySQL.  
Step 3: Open phpMyAdmin (http://localhost/phpmyadmin).  
Step 4: Create a database named 'civil\_contractor'.  
Step 5: Create a table 'feedback' with the fields mentioned above.  
Step 6: Place the project folder in 'htdocs' (e.g., htdocs/civil\_contractor).  
Step 7: Open the site in browser: http://localhost/civil\_contractor/

# 6. Project Folder Structure for backend team

htdocs/civil\_contractor/  
├── index.php (Home Page)  
├── services.php (Services Page)  
├── posts.php (Posts Page)  
├── contact.php (Contact Page)  
├── feedback.php (Feedback Page)  
├── config.php (Database connection)  
├── assets/ (CSS, JS, Images)  
└── includes/ (header.php, footer.php)

# 7. Starter Code Snippets

## config.php (Database Connection)

<?php  
$host = "localhost";  
$user = "root";  
$pass = "";  
$dbname = "civil\_contractor";  
  
$conn = mysqli\_connect($host, $user, $pass, $dbname);  
if(!$conn){  
 die("Database Connection Failed: " . mysqli\_connect\_error());  
}  
?>

## feedback.php (Form + Insert into Database)

<?php include 'config.php'; ?>  
<form method="POST" action="feedback.php">  
 <input type="text" name="name" placeholder="Your Name" required><br>  
 <input type="email" name="email" placeholder="Your Email" required><br>  
 <textarea name="comment" placeholder="Your Feedback" required></textarea><br>  
 <button type="submit" name="submit">Submit</button>  
</form>  
  
<?php  
if(isset($\_POST['submit'])){  
 $name = $\_POST['name'];  
 $email = $\_POST['email'];  
 $comment = $\_POST['comment'];  
 $sql = "INSERT INTO feedback (name, email, comment, date) VALUES ('$name','$email','$comment',NOW())";  
 mysqli\_query($conn, $sql);  
 echo "Feedback submitted successfully!";  
}  
?>

## Display Feedback on Homepage

<?php include 'config.php';  
$result = mysqli\_query($conn, "SELECT \* FROM feedback ORDER BY date DESC");  
while($row = mysqli\_fetch\_assoc($result)){  
 echo "<p><strong>".$row['name']."</strong>: ".$row['comment']." (".$row['date'].")</p>";  
}  
?>

# 8. Learn how to use Git and Github

we all gonna do this on your own pc ( not gonna use a online compiler were we all can work together simultaneously. ) instead we will be building our website and then upload it on GitHub were other can access your website just by downloading the files   
- learn how to use git and GitHub.  
- learn how to push and commit on GitHub   
- Create your own GitHub account   
- after that we all will be working in same or similar compiler so with same plugins , no one will be stuck if there are using your files   
- so for that ( always create a readme file where you describe how to run your file and which plugin or JDK is needed to run your files on a compiler   
- mostly recommended using of Visual studio with Xampp hosting any other tools or compiler is allowed ( just tell the other how to install and run it on that )

# 9. Deployment Instructions after Domain buy

Step 1: Export database from phpMyAdmin (civil\_contractor.sql).  
Step 2: Buy hosting and domain (e.g., Hostinger).  
Step 3: Upload project files to hosting via cPanel or FTP.  
Step 4: Create a new database on hosting and import the .sql file.  
Step 5: Update config.php with hosting database credentials.  
Step 6: Connect your purchased domain to hosting.  
Step 7: Open your site using your domain name.  
  
The 9 step is the last step is to make it fully function to use in real world ( it can be skippable )  
We All can start working after the sem exam or in Diwali vacation.