HTBSRMIST Recruitment 2K25

This guide helps first and second year students complete their web development projects. Everything is broken down into simple steps that anyone can follow. Don't worry if you're new to coding - we'll walk through each part together.

First Year Students - Website Copy Project

Your job is to copy a simple website using HTML, CSS, and a bit of JavaScript. Pick something like a Netflix login page or Amazon homepage - nothing too complex.

Here's what you need to do:

- Pick a website to copy - Netflix login, Amazon home page, or Spotify login work great
- Look at the website carefully. Right-click and choose 'Inspect' to see how it's built
- Make a new folder on your computer. Add three files: index.html, style.css, and script.js
- Start with HTML - create the basic structure with header, main content, and footer
- Use CSS to make it look nice - add colors, fonts, and spacing to match the original
- Add some JavaScript if you can - maybe a button that shows/hides a password
- Upload everything to GitHub so others can see your work

Don't stress if you can't copy the whole website. Even a simple landing page or contact form shows you understand HTML and CSS basics.

Second Year Students - Two Projects

Project 1: Your Personal Portfolio
Build a website about yourself that shows off your skills and projects.

- Plan your pages - Home, About Me, My Projects, and Contact
- Design how you want it to look - sketch it out first
- Build it with HTML, CSS, and JavaScript (or try React if you're feeling brave)
- Add a navigation bar, a nice intro section, and a contact form
- Put it online using GitHub Pages, Netlify, or Vercel

Project 2: Pick Any Fun Project
Choose something you actually want to build. Here are some ideas:

- To-Do List - Add, edit, and delete tasks
- Weather App - Show current weather for any city
- Simple Blog - Write and display blog posts

- Calculator - Basic math operations
- Note-Taking App - Save and organize your thoughts

Steps to follow:

- Pick your idea and write down what features you want
- Create the layout with HTML and CSS
- Add the interactive parts with JavaScript
- Test everything works properly
- Put it online for others to use

Extra Credit - Mobile App (Optional)

If you want to try something different, build a simple mobile app using Android Studio.

App ideas:

- Calculator app with basic math functions
- Simple to-do list for your phone
- Weather app that shows your local forecast
- Quiz app with multiple choice questions
- Note-taking app for quick thoughts

Basic steps:

- Download and set up Android Studio
- Pick your app idea and plan the screens
- Design the user interface
- Write the code for main features
- Test it on your phone or in the simulator

What You Need to Submit

Year	Project	What to Submit
1st Year	Website Copy	GitHub link (and live site if possible)
1st Year	Simple HTML/CSS	GitHub link (if you couldn't do the full copy)
2nd Year	Portfolio Site	GitHub link + live website
2nd Year	Fun Project	GitHub link + live website
Any Year	Mobile App	Code + screenshots (optional)

How to Upload Your Code to GitHub

Don't worry - uploading to GitHub is easier than it sounds. Just follow these steps:

- Go to github.com and create a free account
- Download Git software to your computer
- Open your project folder in terminal or command prompt
- Type these commands one by one: git init
- Then: git add .
- Then: git commit -m "My first project"
- Then: git branch -M main
- Create a new repository on GitHub website first
- Then: git remote add origin [your-repo-link]
- Finally: git push -u origin main

Pro tip: To make your website go live, go to your GitHub repo settings, click on Pages, choose 'main branch', and save. Your site will be live in a few minutes!

Important Notes

- Don't panic if something doesn't work - debugging is part of learning
- Google is your friend - most coding problems have been solved before
- Start early and work a little bit each day
- Ask for help when you're stuck - everyone needs help sometimes
- Focus on making it work first, then make it look pretty
- Your first project won't be perfect, and that's completely fine

Remember: The goal isn't to build the next Facebook. The goal is to learn and show that you can build something that works. Keep it simple, keep it functional, and most importantly, have fun with it!