



University of Engineering and Technology, Lahore

Department of Computer Science

Course name: *Applications of Information and communication Technology Lab*

Final Project

Green Byte | Smart Tech Start up (Website)

Instructor: Miss Ramsha Khalid

Semester: Fall 2025

Group Members

Group Leader: Amna Khan (2025-CS-153)

Members

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Soha Kazmi (2025-CS-142)

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Submission Date: 8 January, 2026

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Executive Summary

This document presents a Tech setup Website developed as a part of the AICT Lab semester project. The website represents an imaginary technology-based start up that offers digital solutions and services. The purpose of this project is to demonstrate website design skills using HTML and CSS, along with documentation, data handling, presentation, and version control using professional tools.

Project Objectives and Scope

Objectives:

- To design a professional Tech Startup website
- To present startup services and features clearly
- To apply HTML and CSS concepts practically
- To practice documentation and presentation skills
- To use GitHub for version control and website publishing

Scope:

The scope of this project includes the design and development of a responsive Tech Startup website, preparation of a Word report, Excel datasheets, PowerPoint presentation, GitHub repository, and a short project demonstration video.

Site Structure and Navigation

Home Page: The landing page featuring a full-screen hero section with a gradient text highlight and a scroll indicator for guiding users. Key features like the company's vision, ecosystem overview, and statistics are showcased with grid and bento-style layouts.

About Page: Provides insight into the company's mission, vision, and overall approach to sustainable technology solutions.

Services Page: Showcases software and hardware services using a bento-grid layout with responsive cards. Each card displays pricing, category icons and a "Contact Sales" call to action for user engagement.

Devices Page: Highlights hardware offerings with visually appealing product cards, glass-style UI, hover animations and detailed product descriptions.

Team Page: Introduces the Green Byte team members, including executives, software and hardware faculty. The layout mirrors the bento-style cards with hover animations, ensuring consistent UI across the website.

Contact Page: Provides contact information, location, and a submission form for project inquiries. The contact page uses a grid-based layout separating the sidebar (contact info) and the main form. Availability status with pulse animation indicates active support.

Navigation Features:

- The top navigation bar is sticky and remains visible while scrolling.
- Active pages are highlighted with an underline animation.
- Dropdowns and hover effects enhance interactivity without cluttering the interface.
- The design is fully responsive, ensuring optimal display on desktops, tablets and mobile devices.

Overall, the site structure emphasizes ease of access, consistency and visual clarity, allowing users to explore Green Byte's products, services and team efficiently.

Website Screenshots:

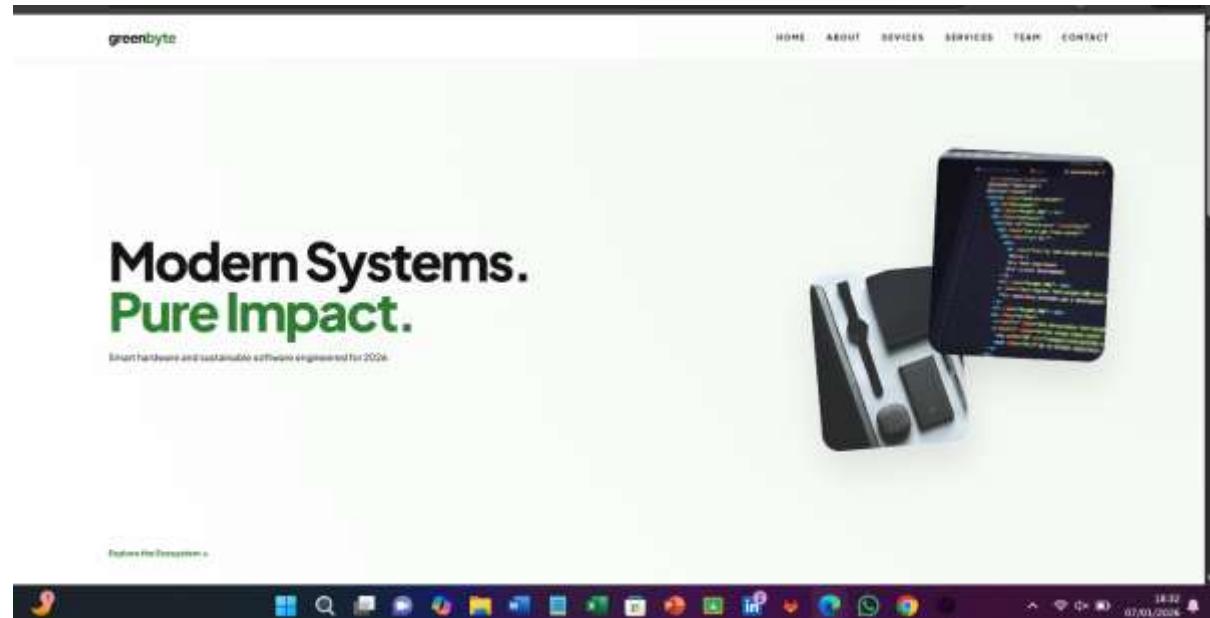


Figure 1 Home Page (1)

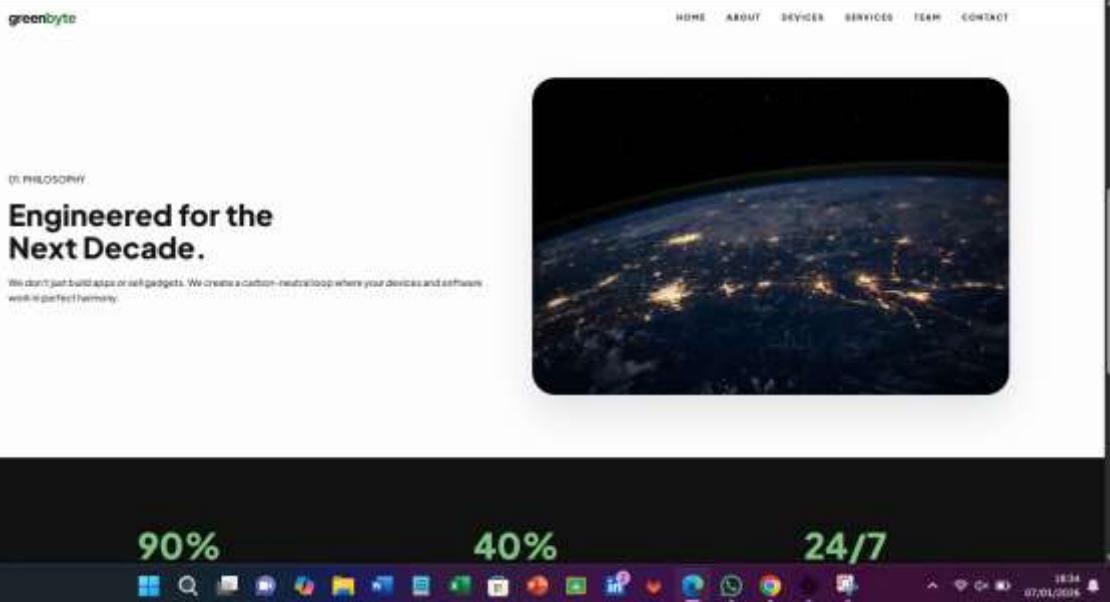


Figure 2 Home Page (2)

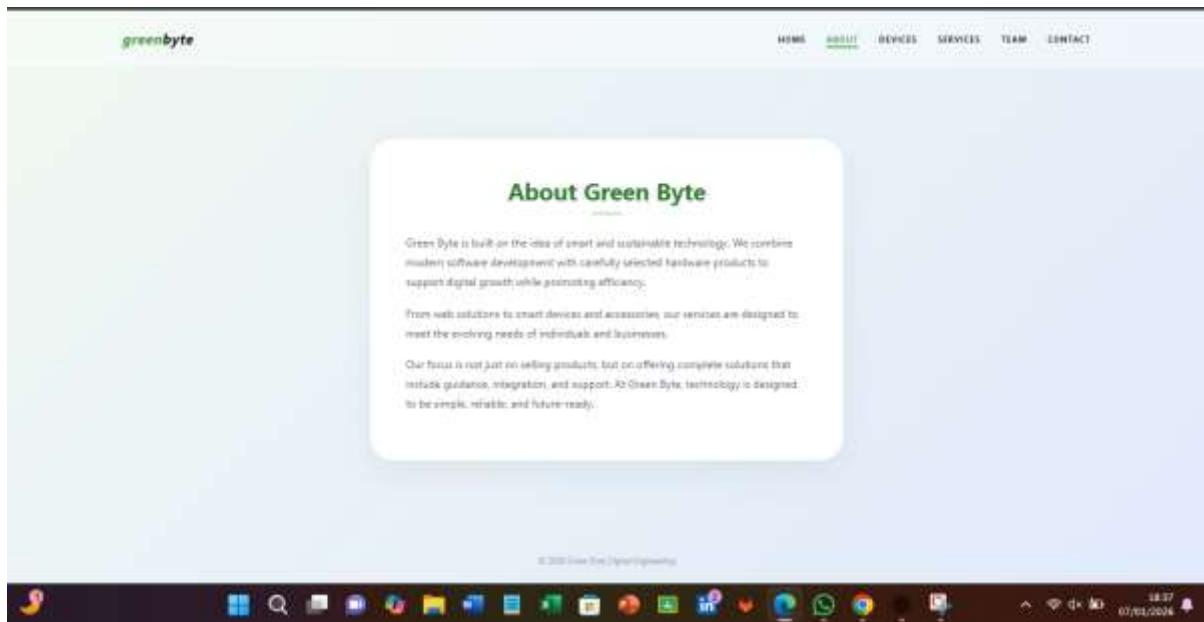


Figure 3 About Page

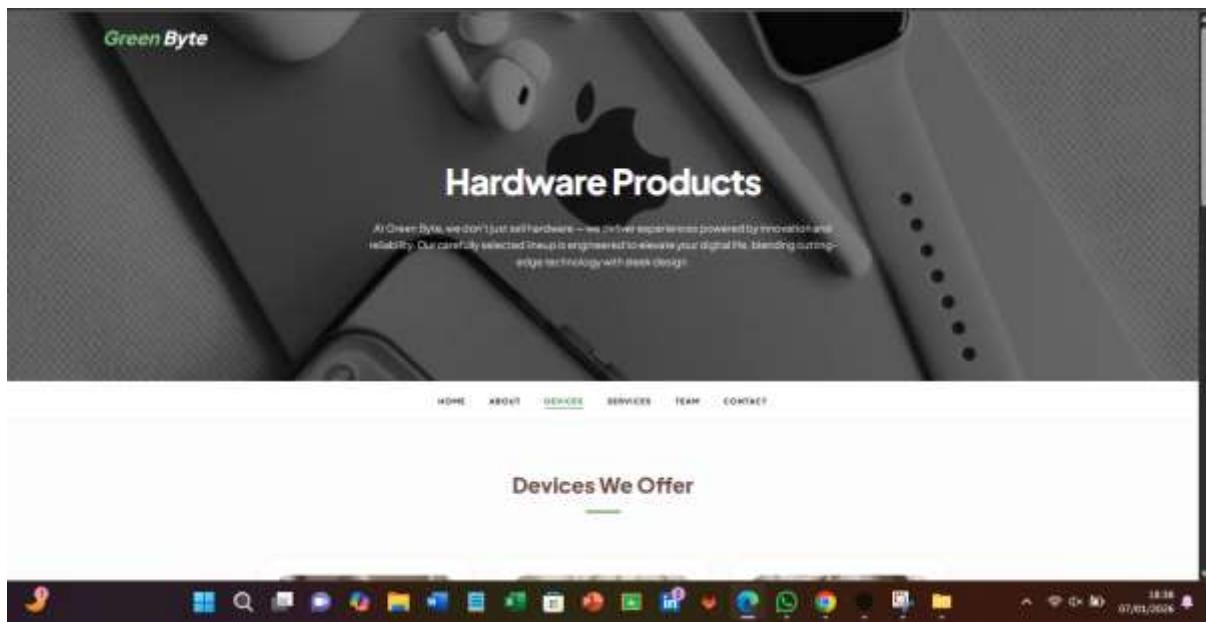


Figure 4 Devices Page (1)

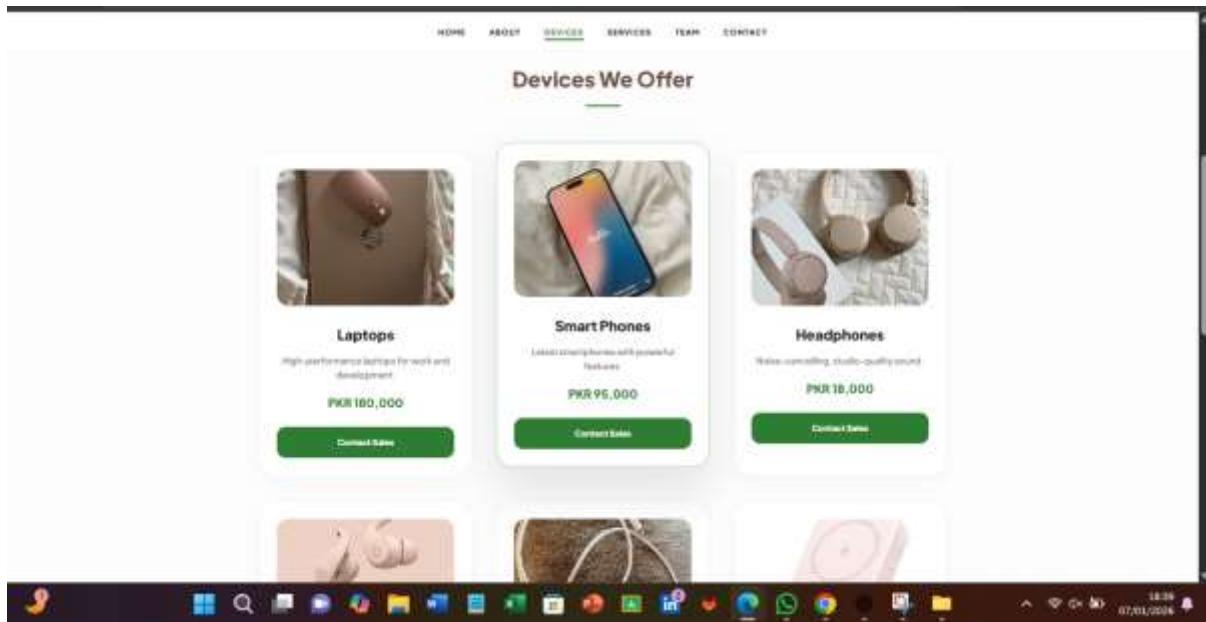


Figure 5 Devices Page (2)

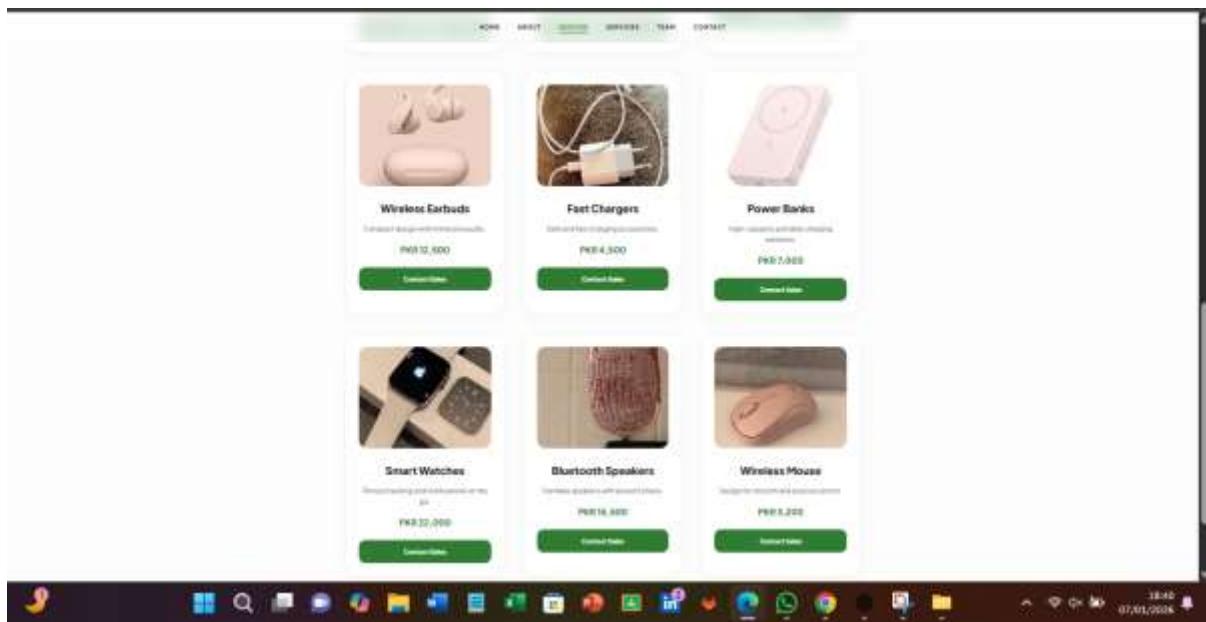


Figure 6 Device page (3)

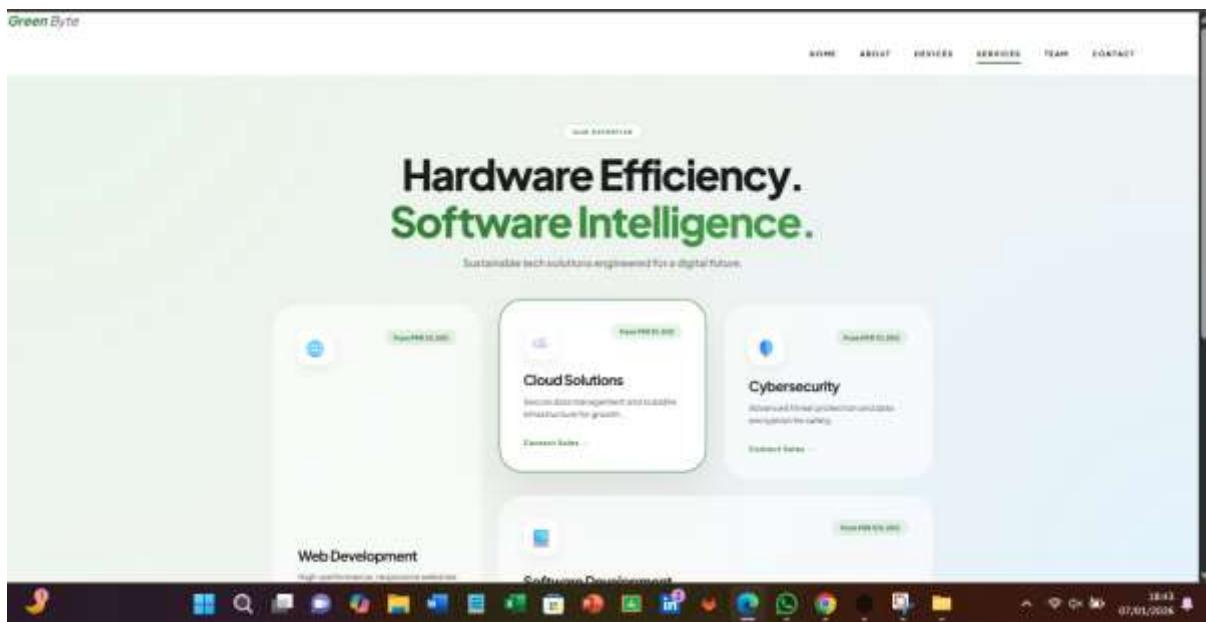


Figure 7 Services Page (1)

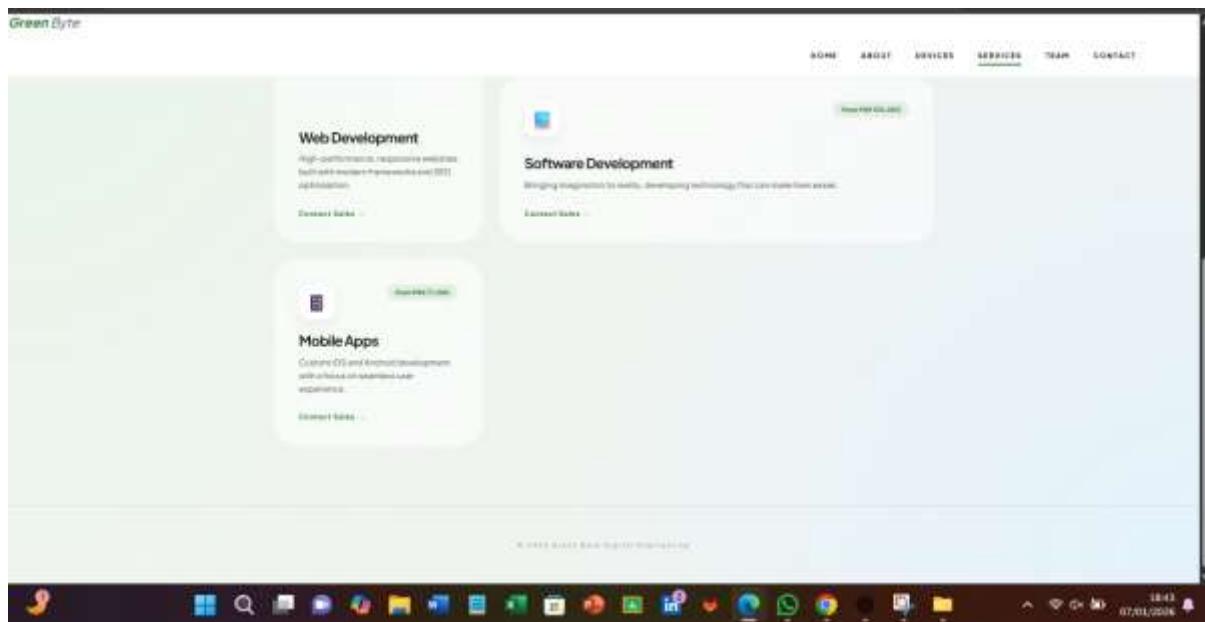


Figure 8 Services Page (2)

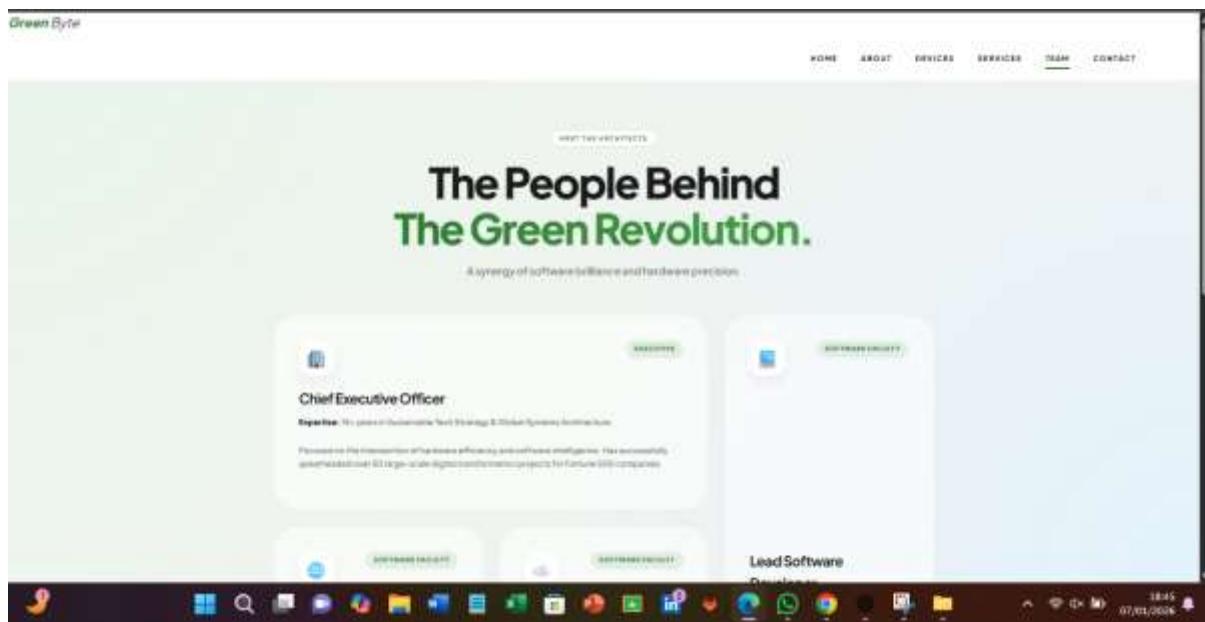


Figure 9 Team Page (1)

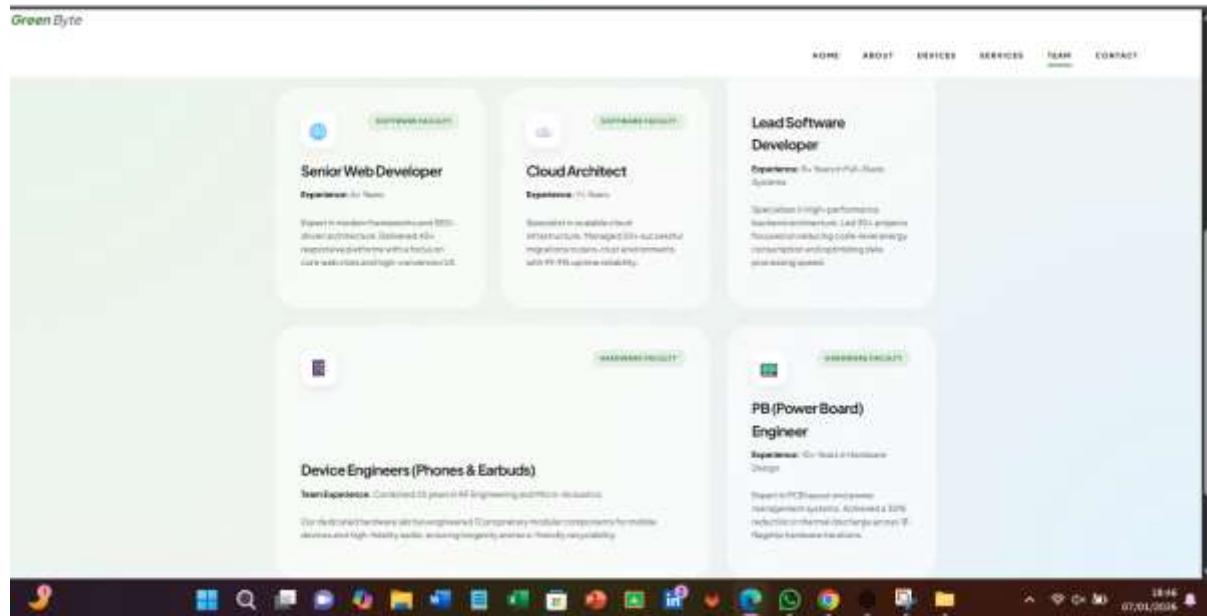


Figure 10 Team Page (2)

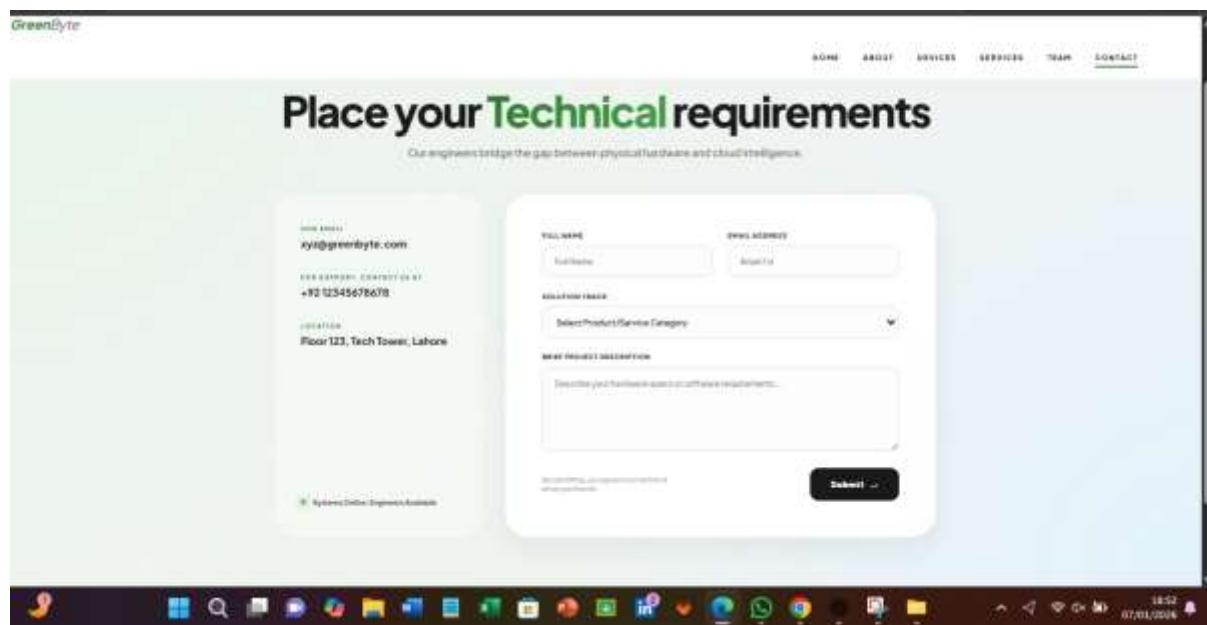
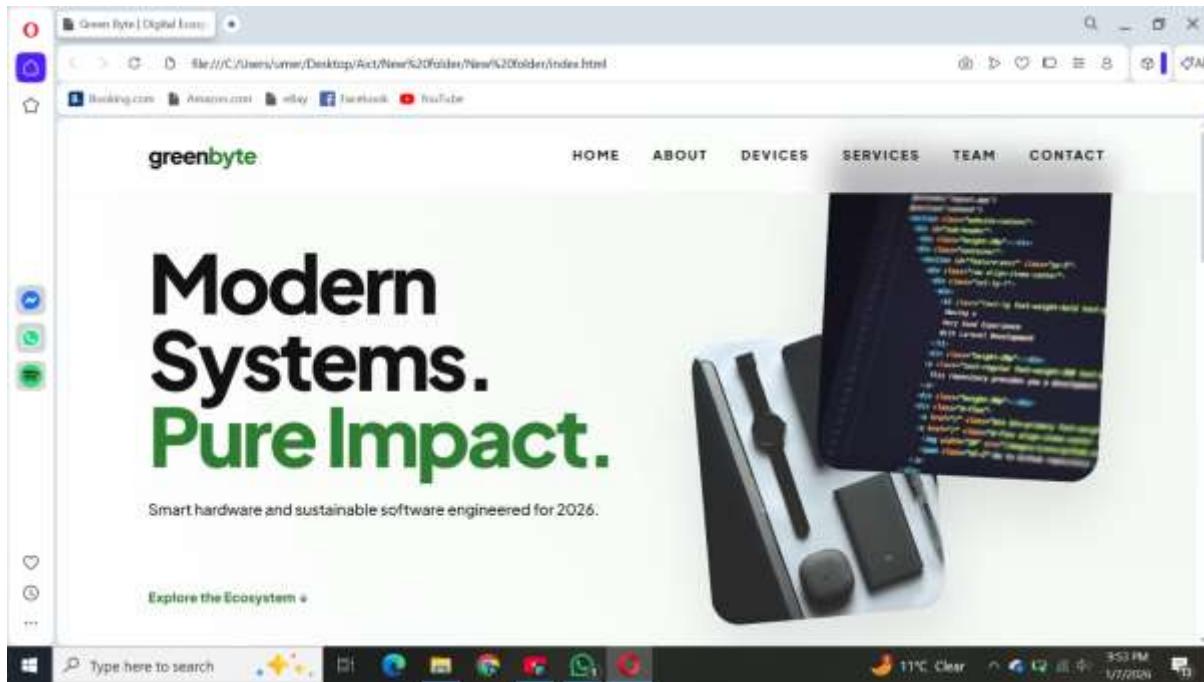


Figure 11 Contact Page

Website URL Screenshot



Design Choices

Fonts: Simple and reliable fonts were used for professional appearance.

Colours: Modern colours suitable for a technology-based start up.

Layout: Responsive layout designed using Flexbox and Grid.

Navigation: Clear navigation menu for easy user interaction.

Assets Used

- Images Sourced from royalty free websites
- Self-written textual content
- Icons and graphics used for visual enhancement
- Sample data created for academic demonstration

Images (Used in Website) Links:

[Image 1](#) [Image 2](#) [Image 3](#) [Image 4](#) [Image 5](#)

[Image 6](#) [Image 7](#) [Image 8](#) [Image 9](#) [Image 10](#)

[Image 11](#) [Image 12](#)

Excel Charts Screenshots:

The screenshot shows a Microsoft Excel window with three tabs: 'Raw Data', 'Calculations', and 'Dashboard'. The 'Raw Data' tab is selected, displaying three distinct datasets:

- Services**: A table with columns for Service ID, Service Name, Category, Estimated Cost (INR), and Status. It includes rows for Web Development, Cloud Solutions, Software Development, Cyber Security, and Mobile App Development.
- Devices**: A table with columns for Product ID, Product Name, Category, Price (INR), Stock, and Availability. It includes rows for Laptop, Smart Phone, Headphones, Wireless Earbuds, and Fast Charger.
- Team**: A table with columns for Role, Category, Experience (years), Projects/Items, and a large empty column. It includes rows for Chief Executive Officer, Lead Software Developer, and Senior Web Developer.

The status column in the Services table uses color coding: Available (green), Out of Stock (red). The availability column in the Devices table uses color coding: Available (green), Out of Stock (red).

Figure 12 Raw Data Sheet (1)

PROTECTED VIEW: Be careful—files from the internet can contain viruses. Unless you need to edit, it's safer to stay in Protected View.

[Enable Editing](#)

Team						
	Role	Category	Experience (years)	Projects/Items		
21	Chief Executive Officer	Executive	15+	50+ projects		
22	Lead Software Developer	Software Faculty	20+	30+ projects		
23	Senior Web Developer	Software Faculty	6+	40+ platforms		
24	Cloud Architect	Software Faculty	7+	20+ migrations		
25	Device Engineers (Phones & Earbuds)	Hardware Faculty	25+	12 components		
26	PB (Power Board) Engineer	Hardware Faculty	10+	18 iterations		
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Figure 13 Raw Data Sheet (2)

Figure 14 Calculation sheet

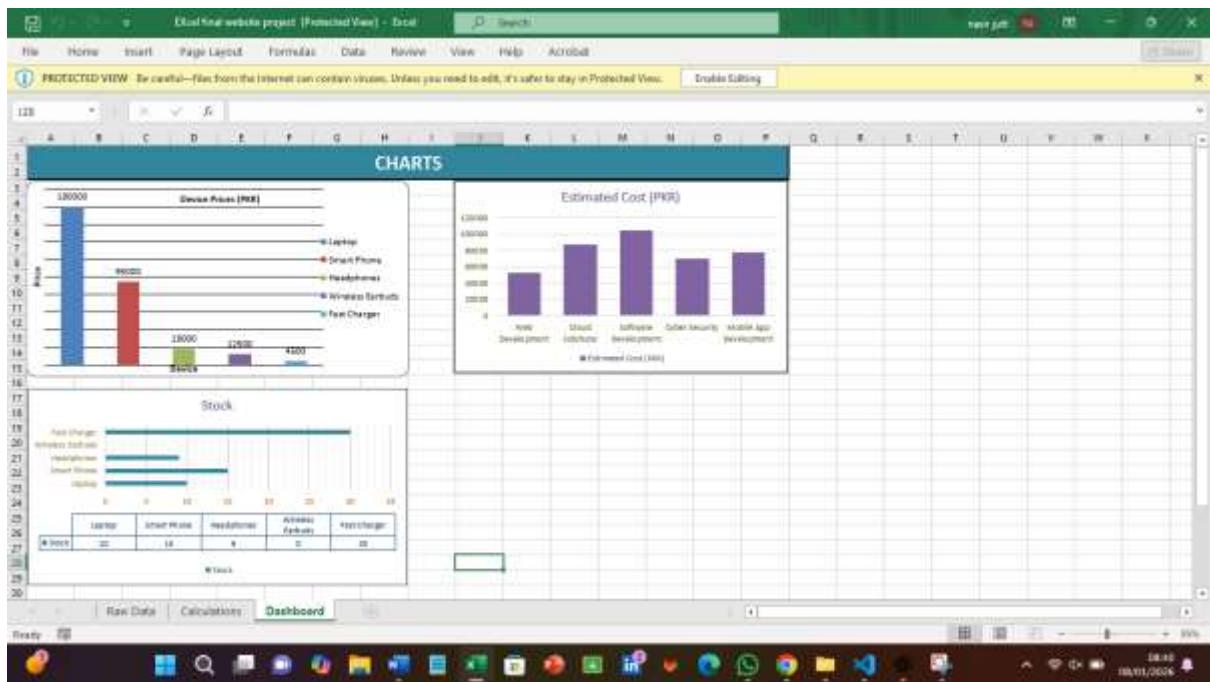


Figure 15 Dashboard (Bar Charts)

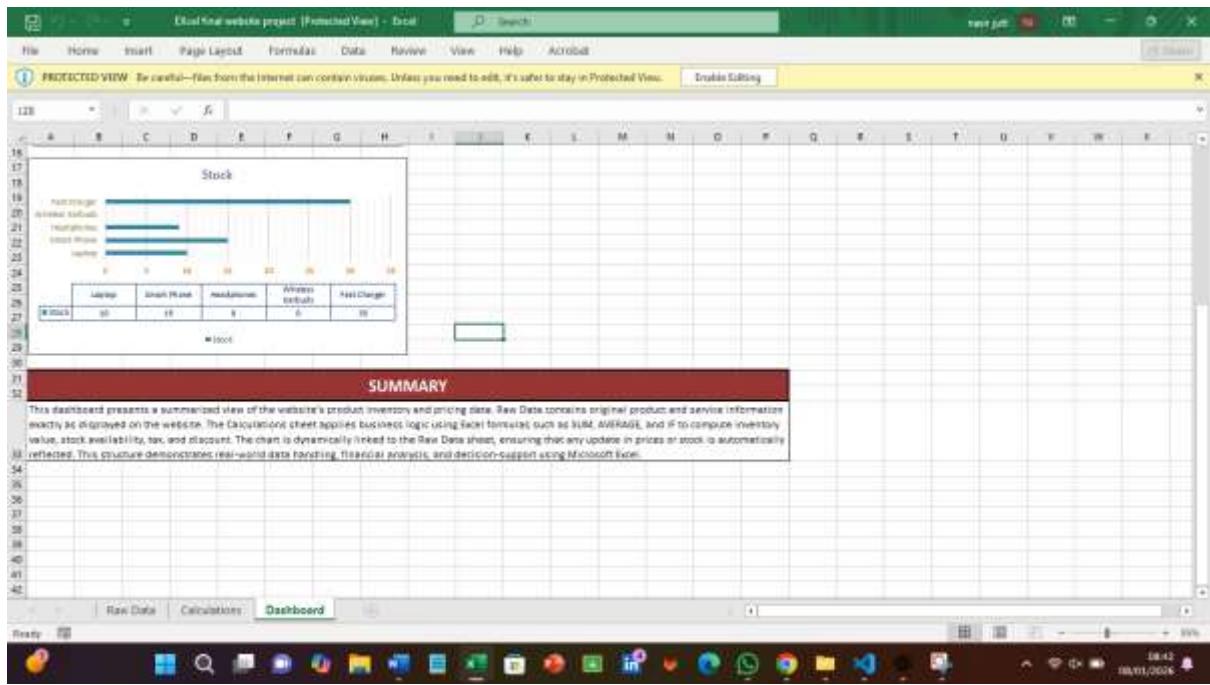


Figure 16 Dashboard Summary

How to Run/Publish the Website

1. Open the project folder

AICT Lab-Tech Start up Project

2. Run the **index.html** file in any web browser
3. Upload files to GitHub repository
4. Enable GitHub Pages from repository settings
5. Access the live website using the GitHub Pages link

Live Website URL

[**Tech Start up Live Website**](#)

GitHub Repository Links:

2025-CS-142 (Soha Kazmi): [**Repository Link**](#)

2025-CS-148 (Ayesha Siddiqa): [**Repository Link**](#)

2025-CS-132 (Hadia Nabeel): [**Repository Link**](#)

2025-CS-153 (Amna Khan): [**Repository Link**](#)

2025-CS-126 (Manahil Umer): [**Repository Link**](#)

2025-CS-155 (Sania Zahra): [**Repository Link**](#)

GitHub Live Site Links:

2025-CS-142 (Soha Kazmi): [**Live Link**](#)

2025-CS-148 (Ayesha Siddiqa): [**Live Link**](#)

2025-CS-132 (Hadia Nabeel): [**Live Link**](#)

2025-CS-153 (Amna Khan): [**Live Link**](#)

2025-CS-126 (Manahil Umer): [**Live Link**](#)

2025-CS-155 (Sania Zahra): [**Live Link**](#)

GitHub Screenshots:

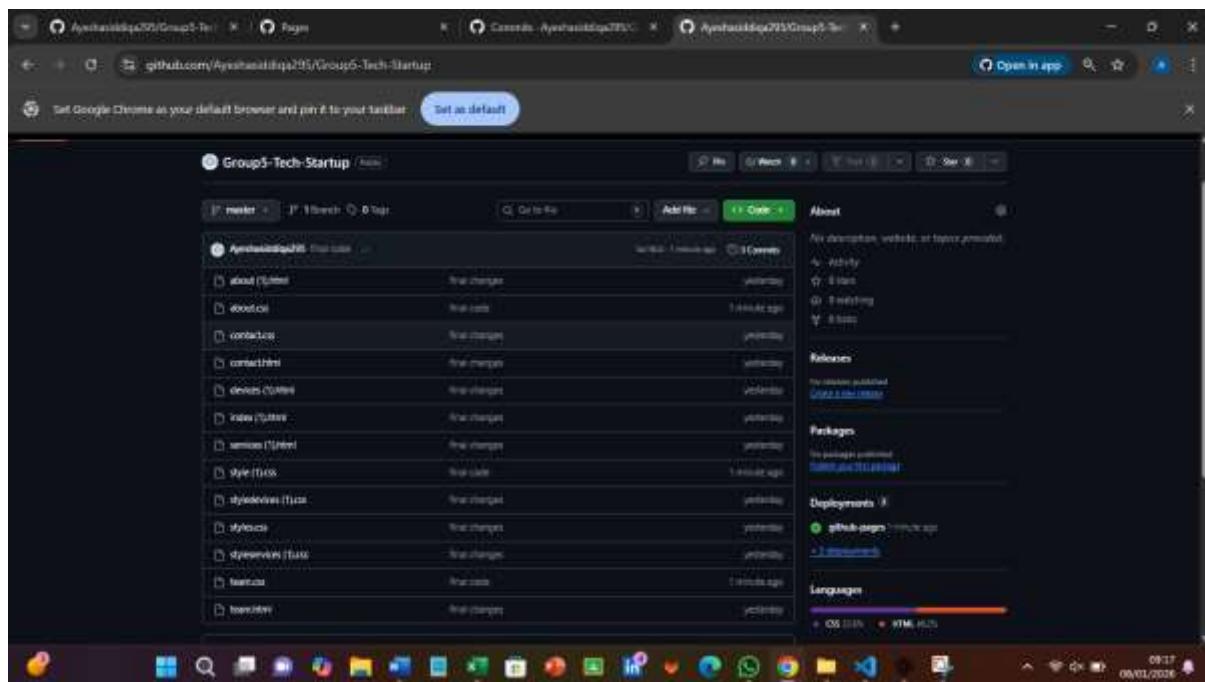


Figure 17 GitHub Repository Page

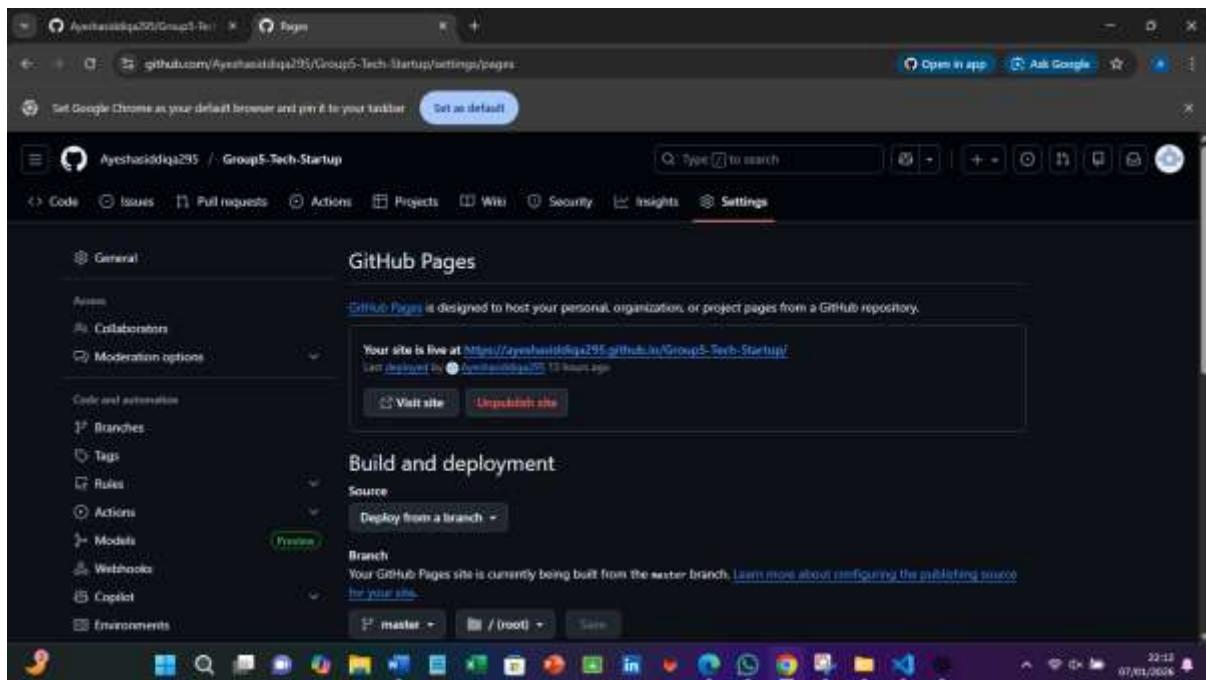


Figure 18 GitHub Pages Live site

Commit History Screenshot:

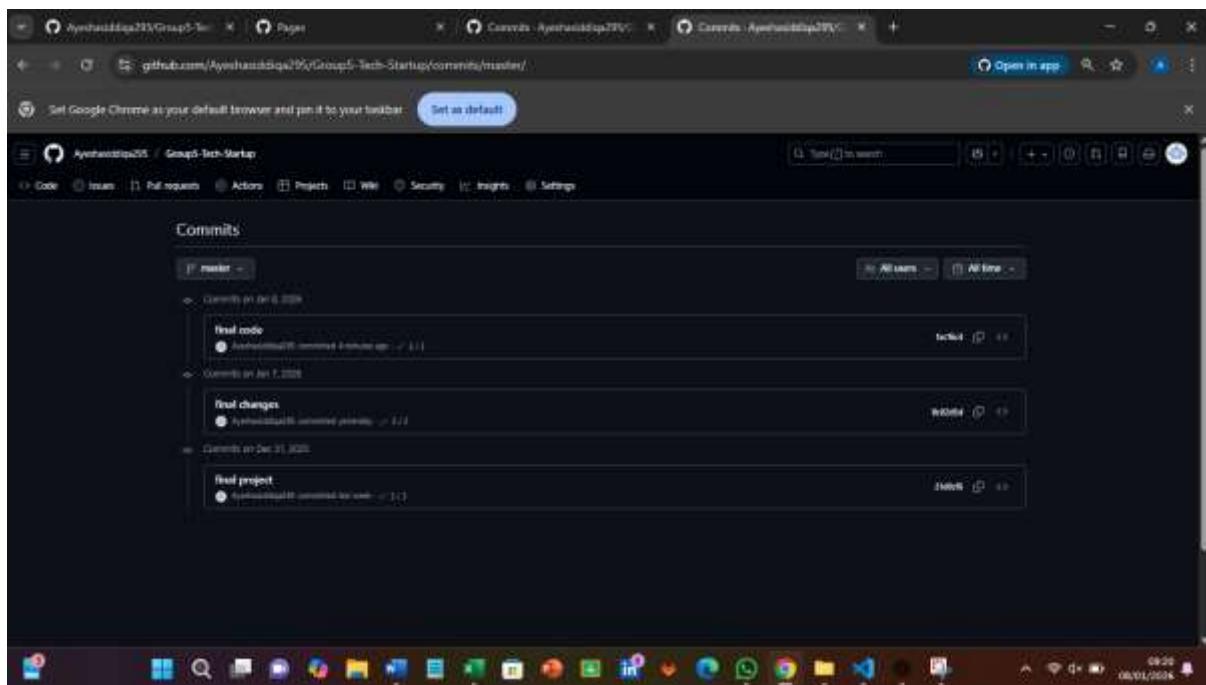


Figure 19 Commit History

PowerPoint Slides Screenshots:

AICT Lab-Tech Start up Project



Figure 20 Title Slide

The image shows a slide titled "Tech Start Up" in purple text. Below the title, it says "TEAM MEMBERS:" followed by a bulleted list of five names: Sania Zahra, Amna Khan, Hadia Nabeel, Ayesha Siddiqa, Soha Kazmi, and Minahil Umer. Underneath this, it says "COURSE:" followed by "AICTL". The background of the slide is a dark blue with a futuristic, glowing circuit board pattern and several glowing blue spheres.

Figure 21 Group Members Slide

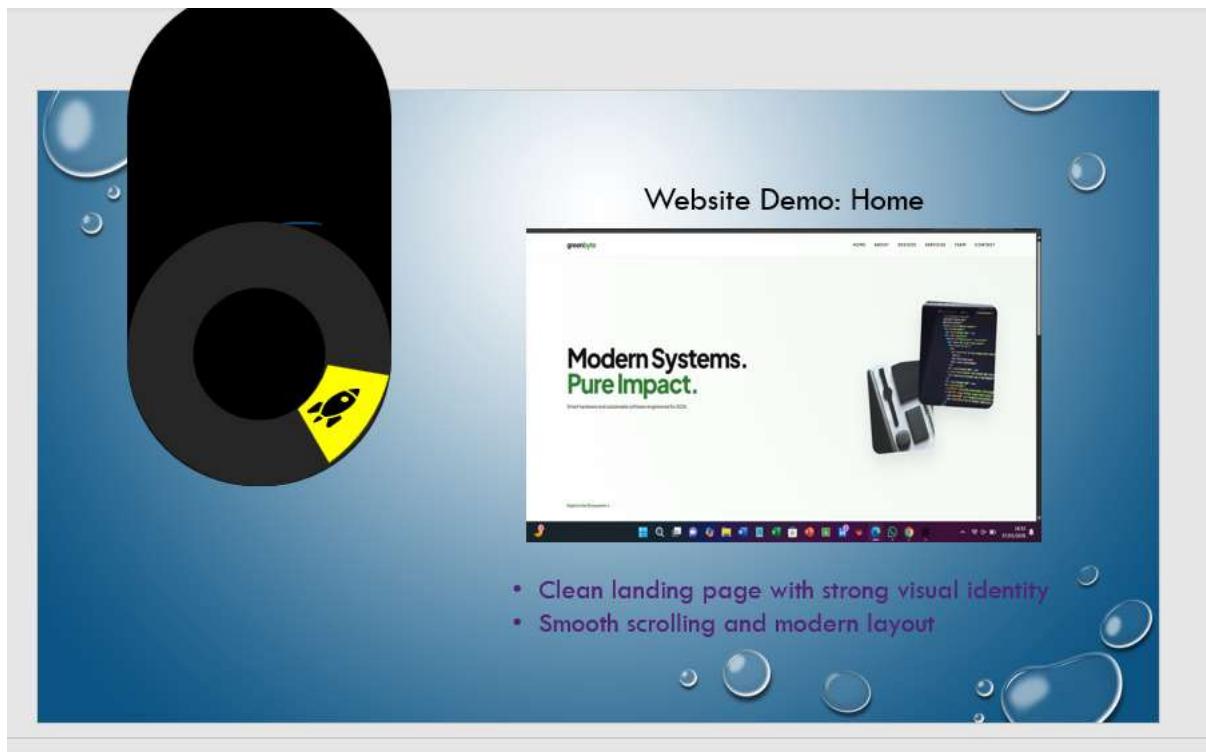


Figure 22 Website Demo

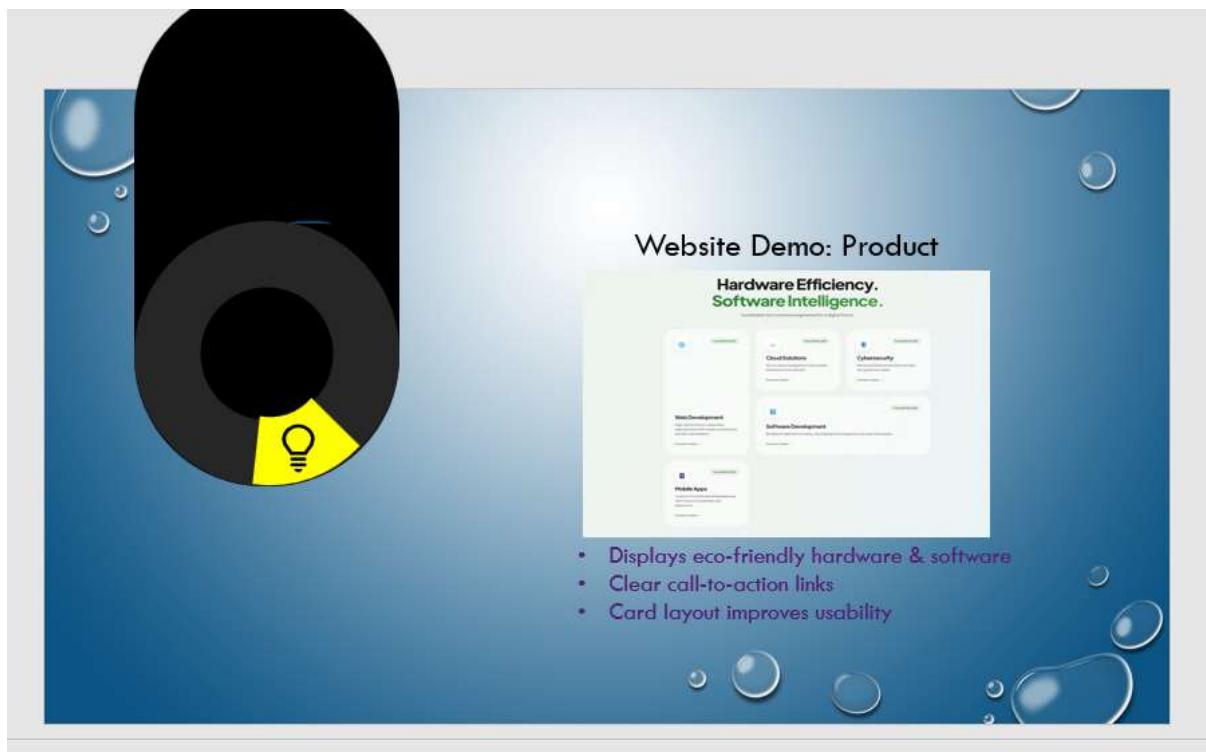


Figure 23 Website Products Demo

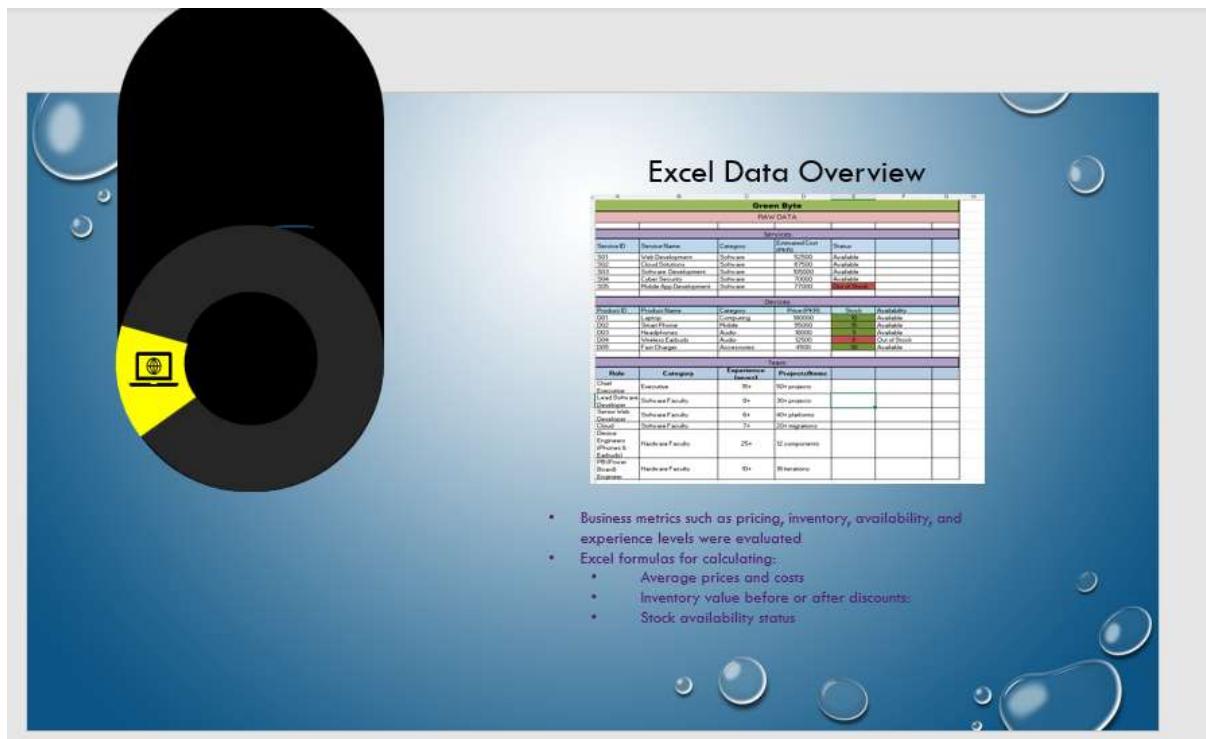


Figure 24Excel Slide

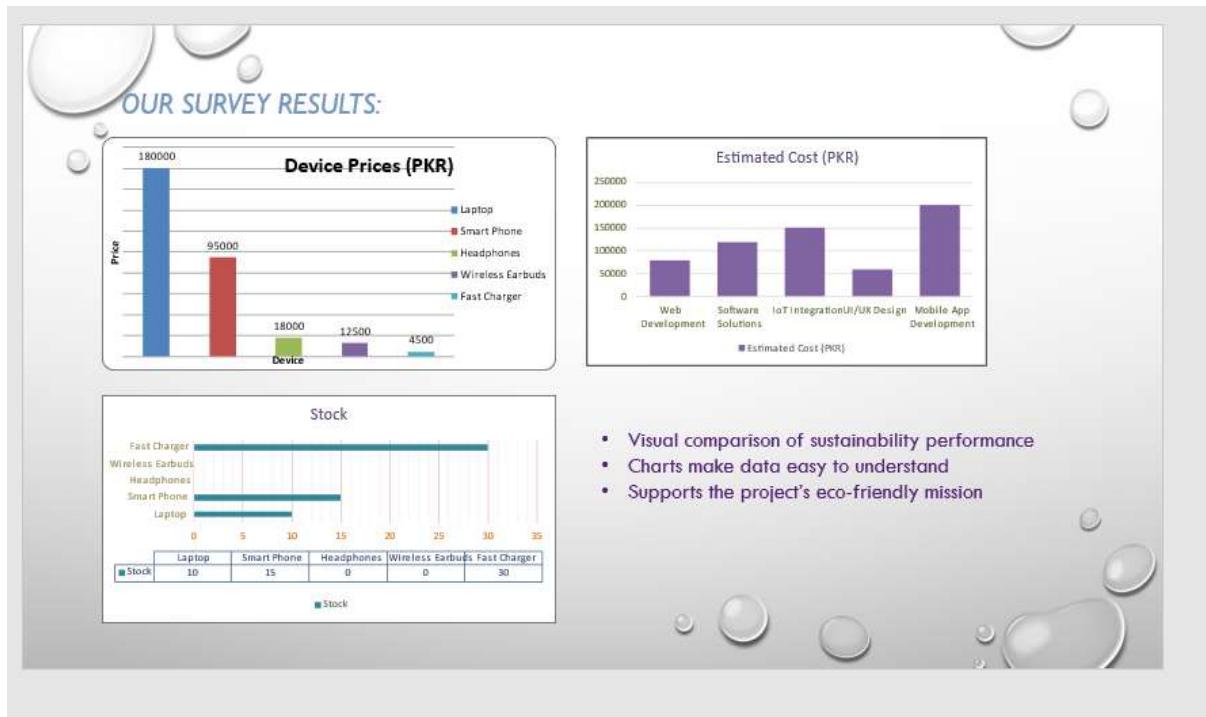


Figure 25Excel Charts Slide

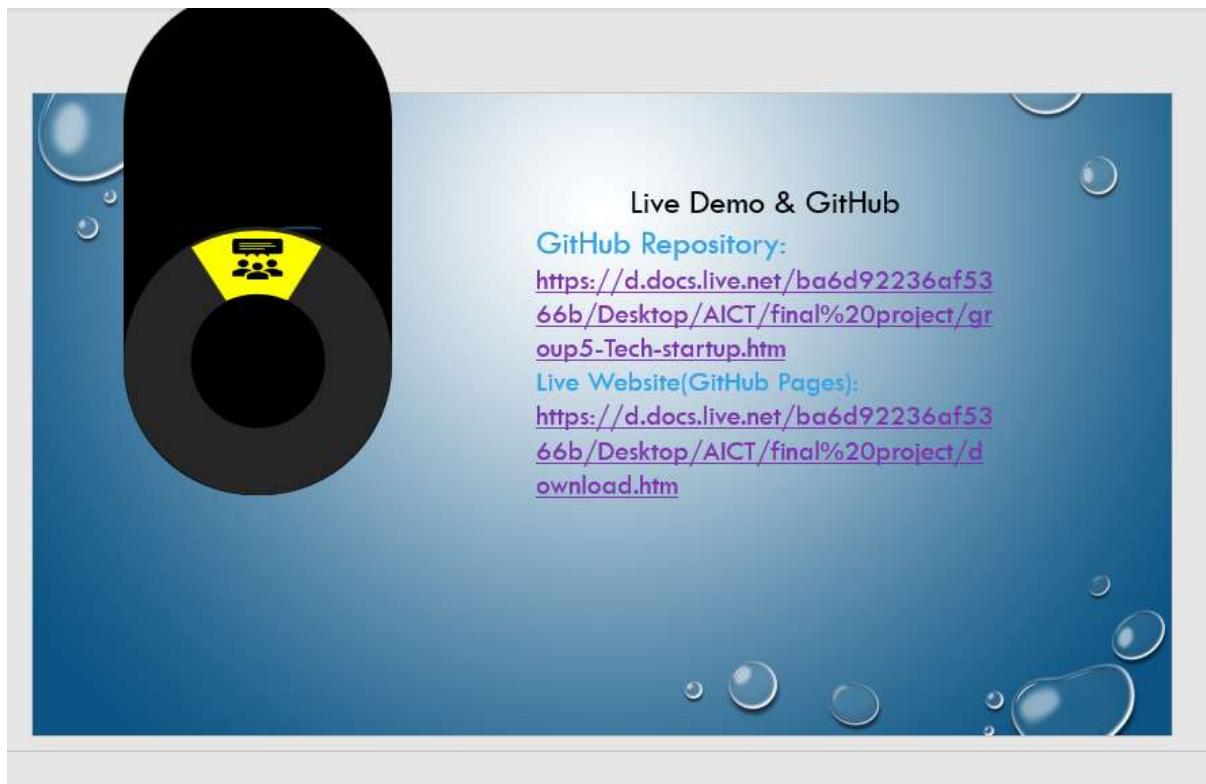


Figure 26 GitHub and Live Link Slide

Video Screenshots:



Figure 27 Opening Frame (Title)

THANK YOU FOR WATCHING

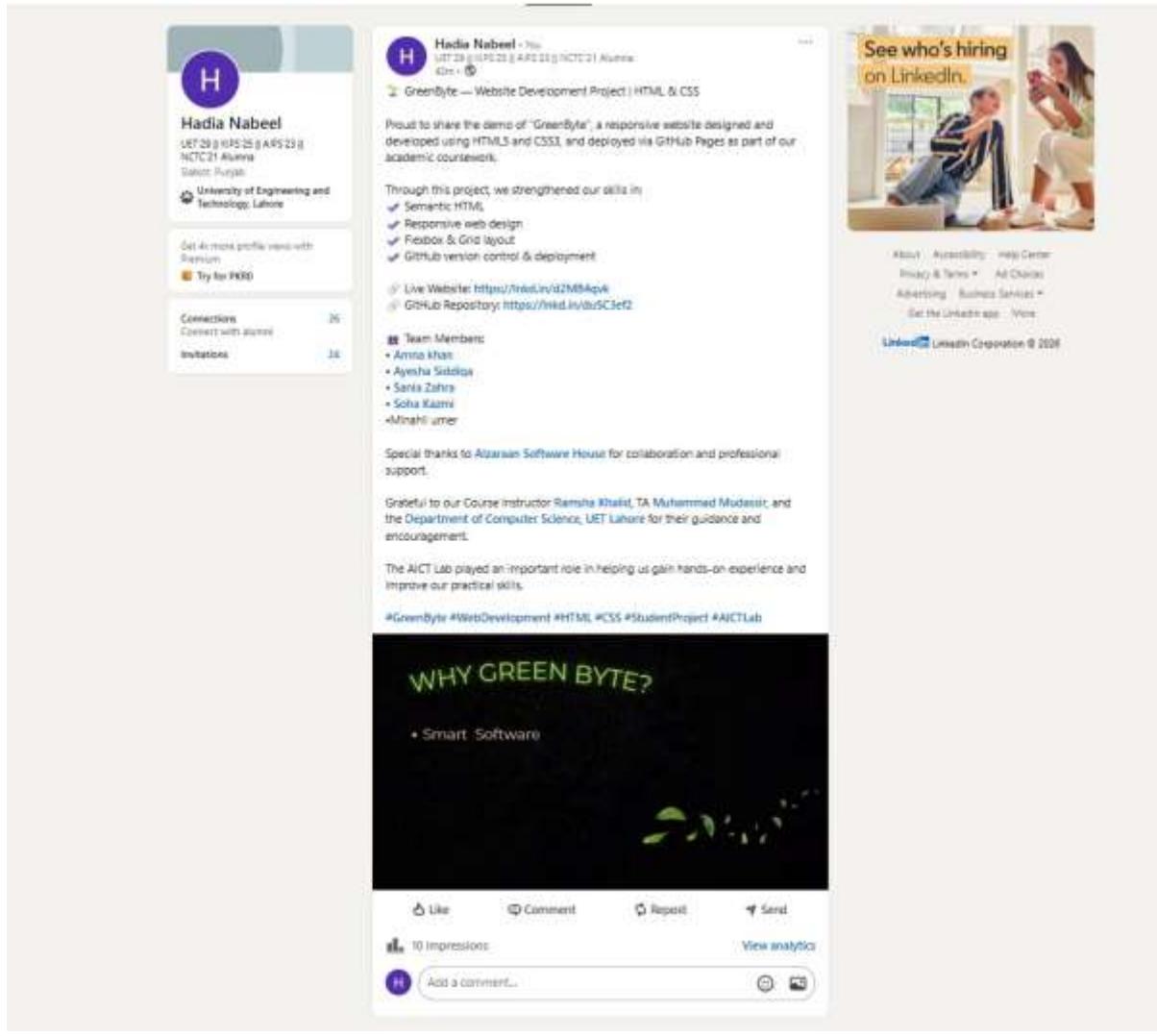
*Project
Developed By:
Amna Khan
Ayesha
Hadia Nabeel
Manahil Umar
Soha
Sania Mirza*

GUIDED BY:
MS.RAMSHA KHALID

AICT Lab video code: <https://github.com/manahil12345/Groups-TechStartup>
<https://github.com/Ayeshasiddiq295/Groups-Tech-Startup.git>

Figure 28 Closing Frame

LinkedIn Post Screenshot:



Reflections and Future Improvements

This project helped us understand real-world website development and teamwork. We learned how to design a professional website using HTML and CSS, document the project using MS Word, and manage code through GitHub. In the future, the project can be improved by adding backend functionality, database integration, user authentication and advanced animations.

