



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

Hadia Nabeel (2025-CS-132)

Ayesha Siddiqa (2025-CS-148)

Soha Kazmi (2025-CS-142)

Sania Zahra (2025-CS-155)

Manahil Umer (2025-CS-126)

Submission Date: 8 January, 2026

Contents

Executive Summary	3
Project Objectives and Scope.....	3
Site Structure and Navigation.....	3
Design Choices.....	10
Assets Used	10
How to Run/Publish the Website.....	13
Reflections and Future Improvements.....	22

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:

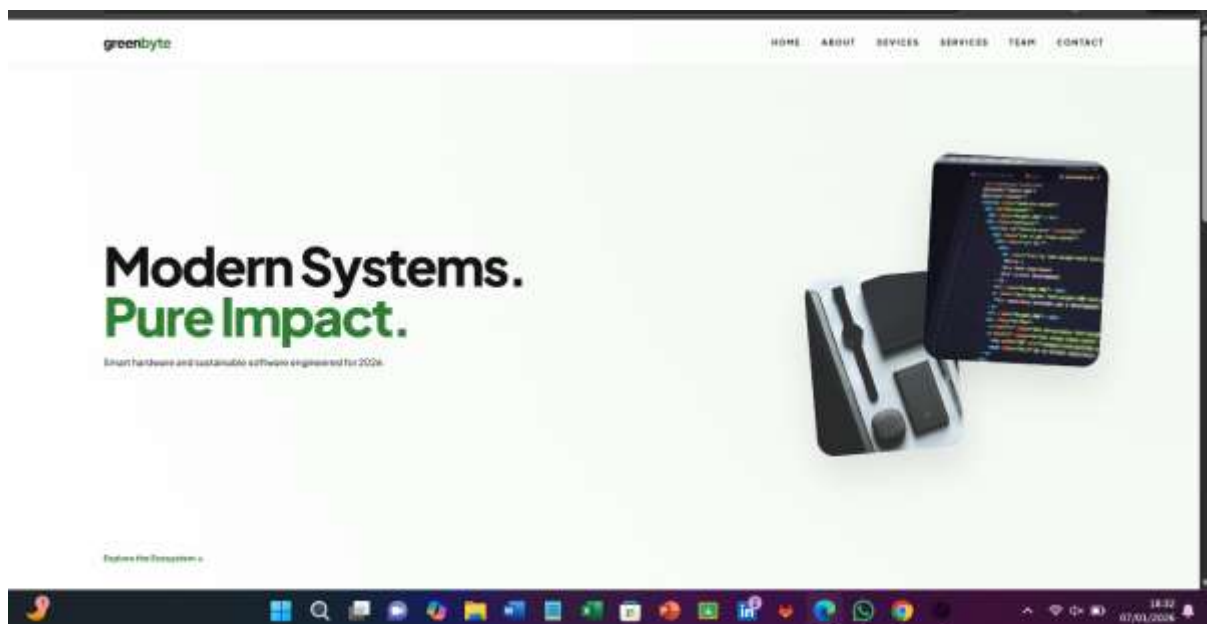


Figure 1 Home Page (1)

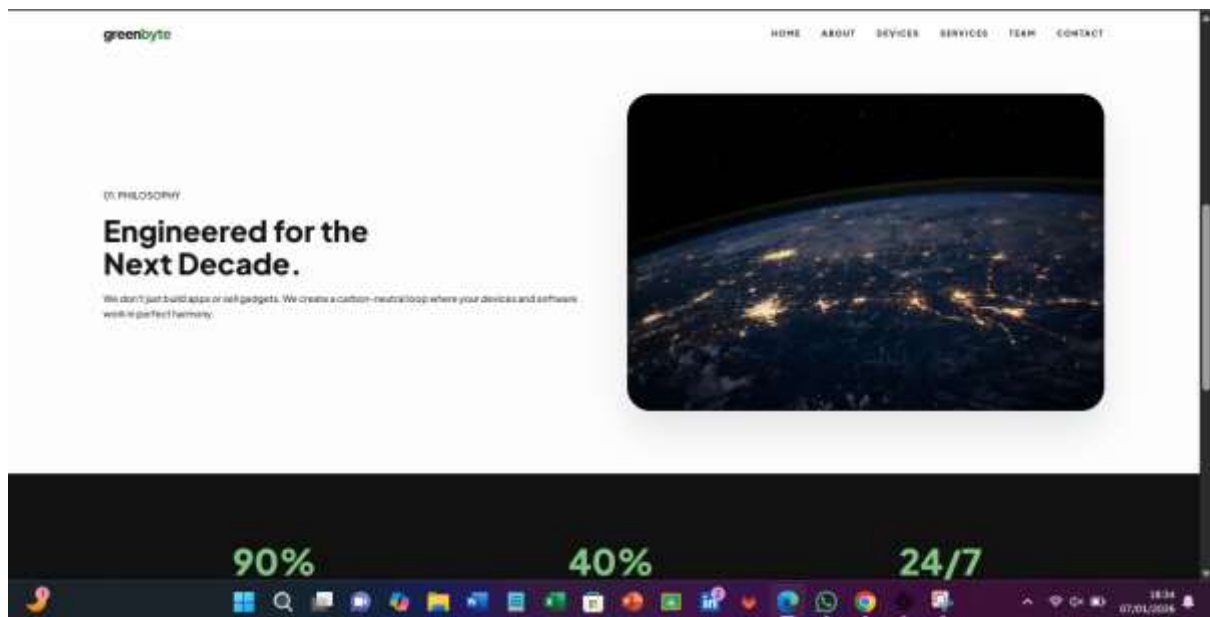


Figure 2 Home Page (2)

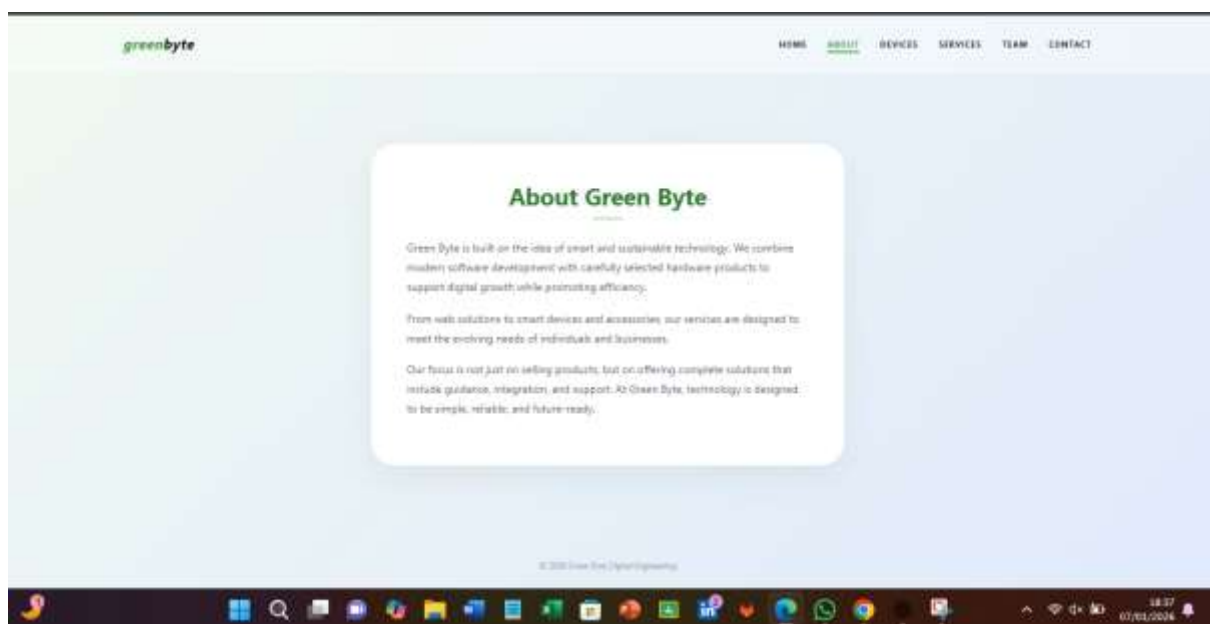


Figure 3 About Page

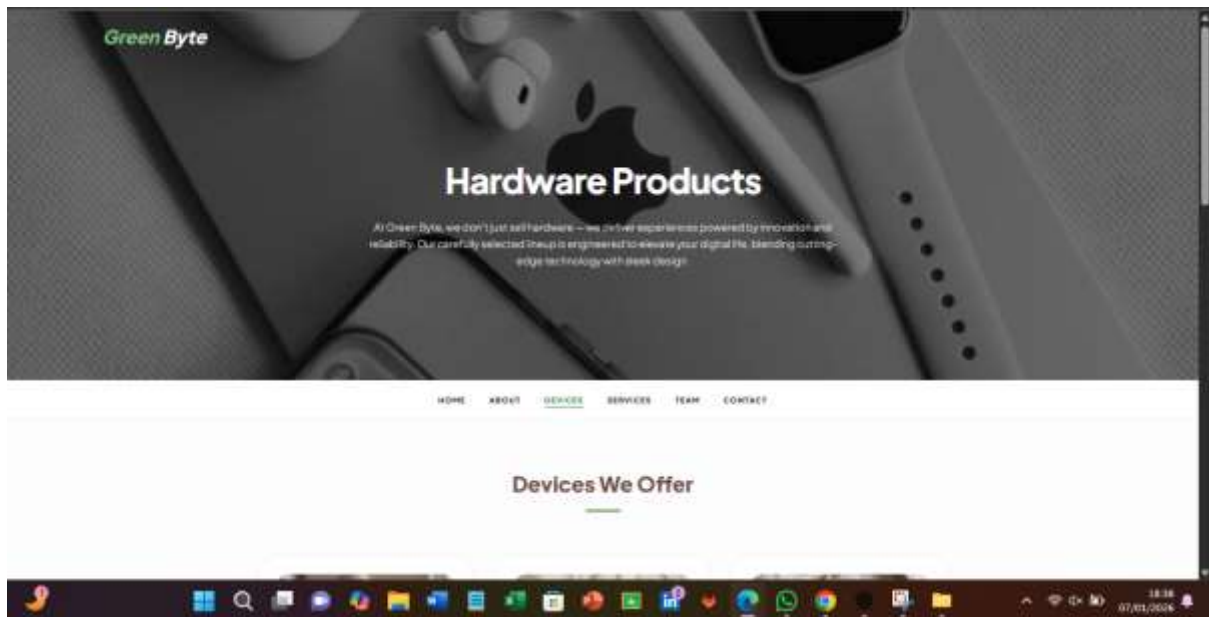


Figure 4 Devices Page (1)

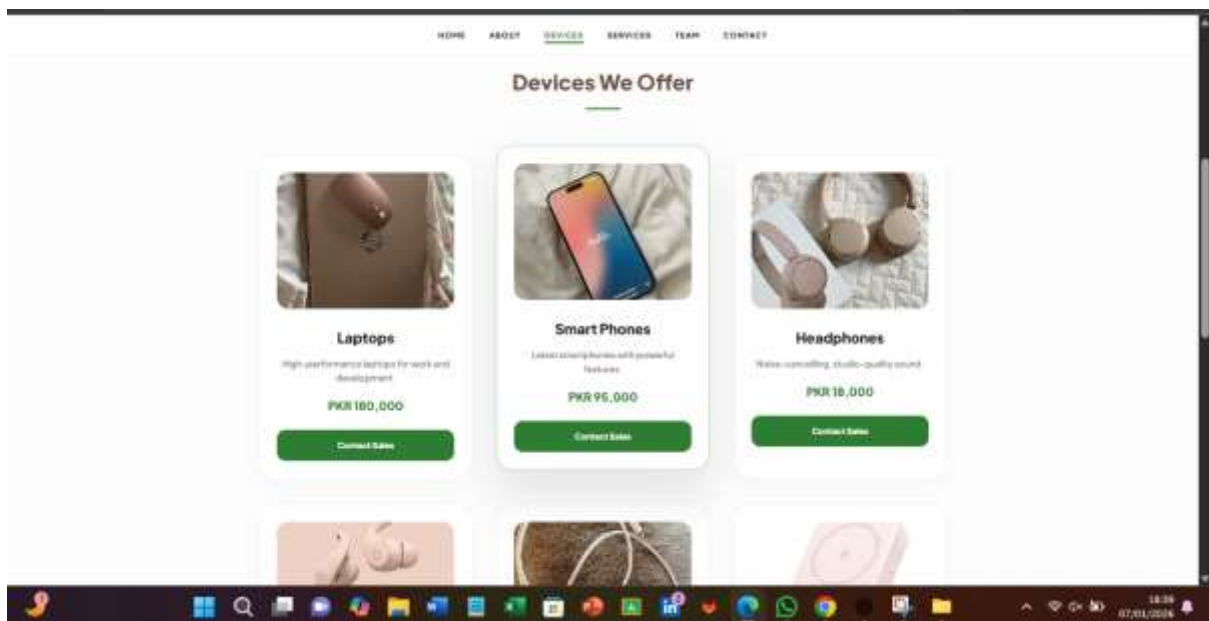


Figure 5 Devices Page (2)

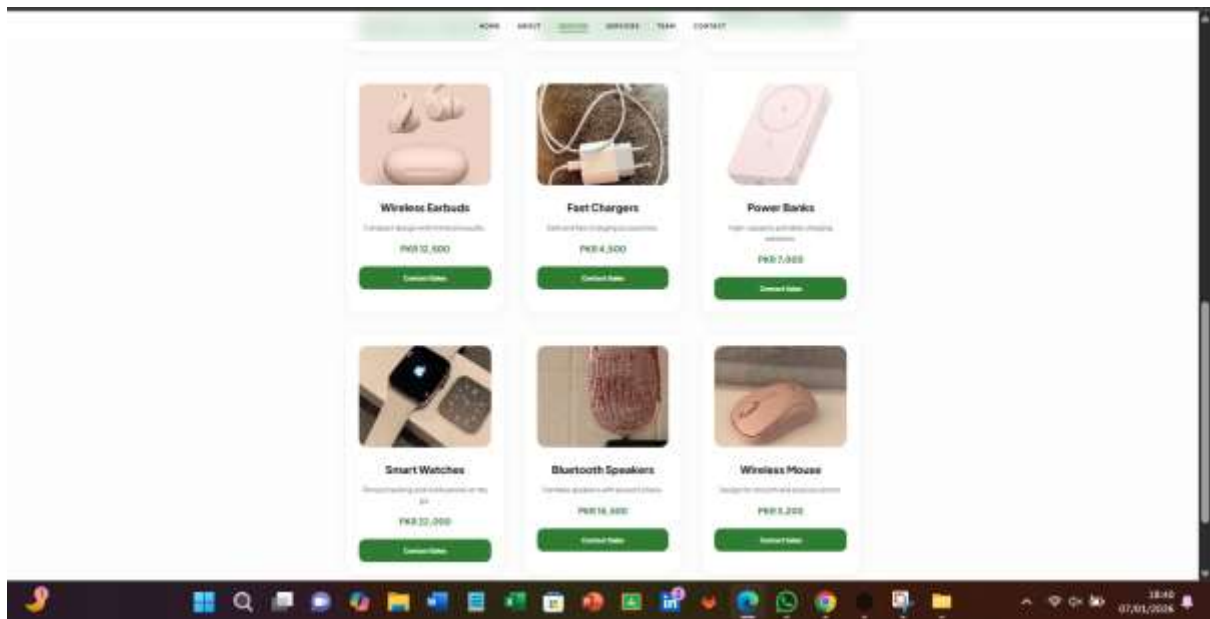


Figure 6 Device page (3)

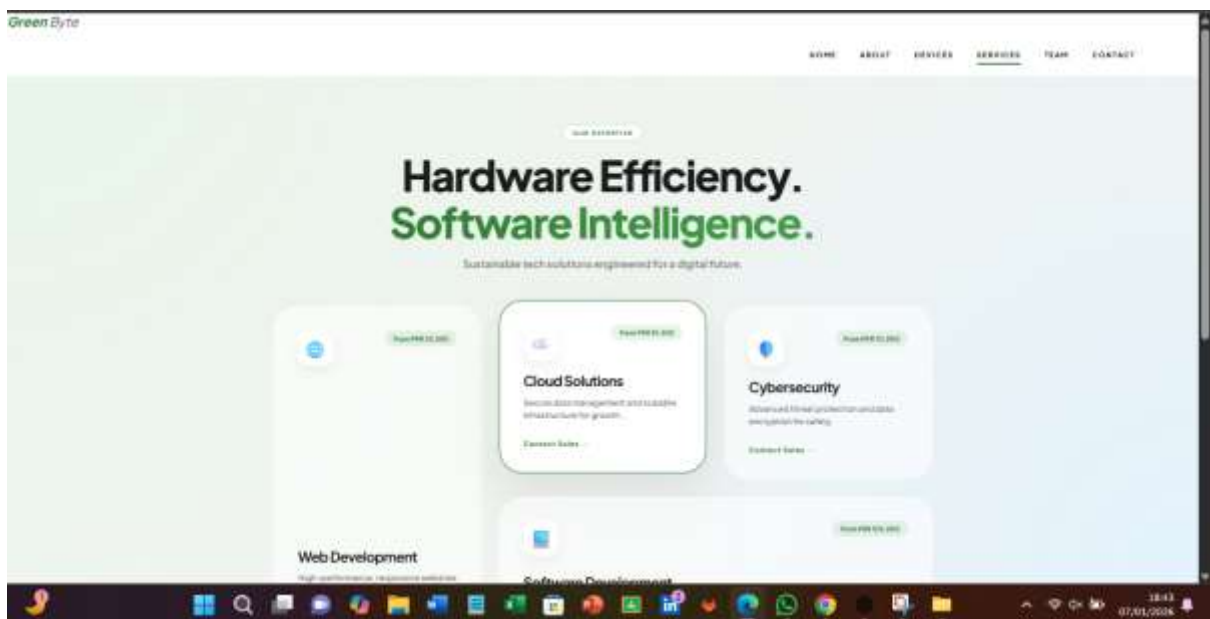


Figure 7 Services Page (1)

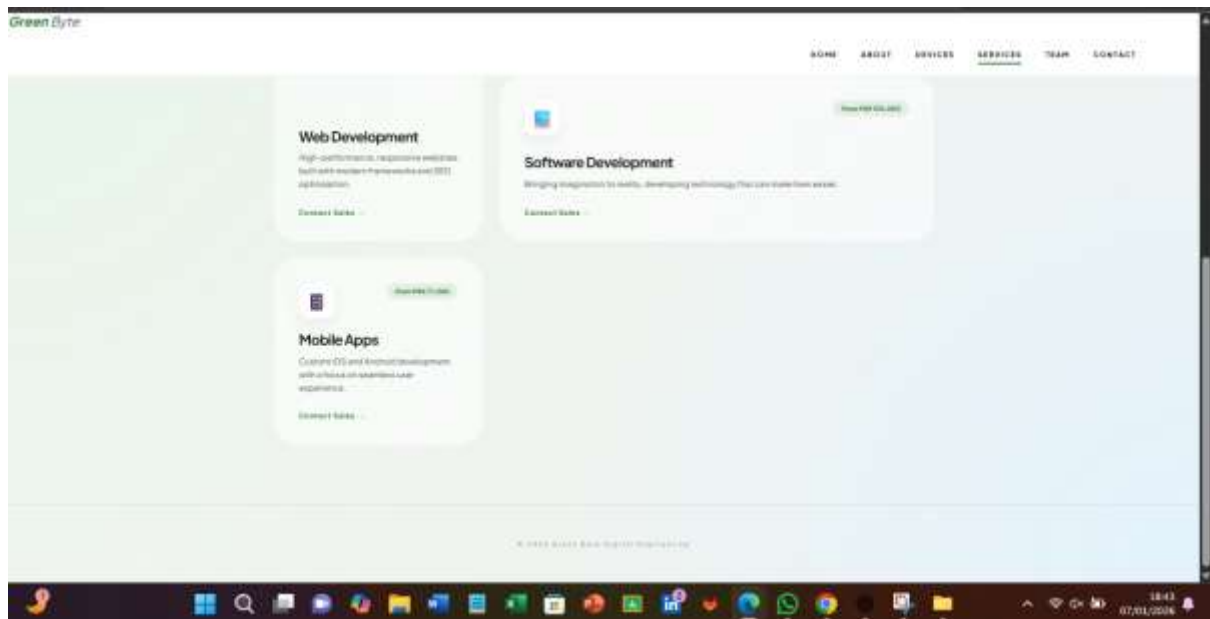


Figure 8 Services Page (2)

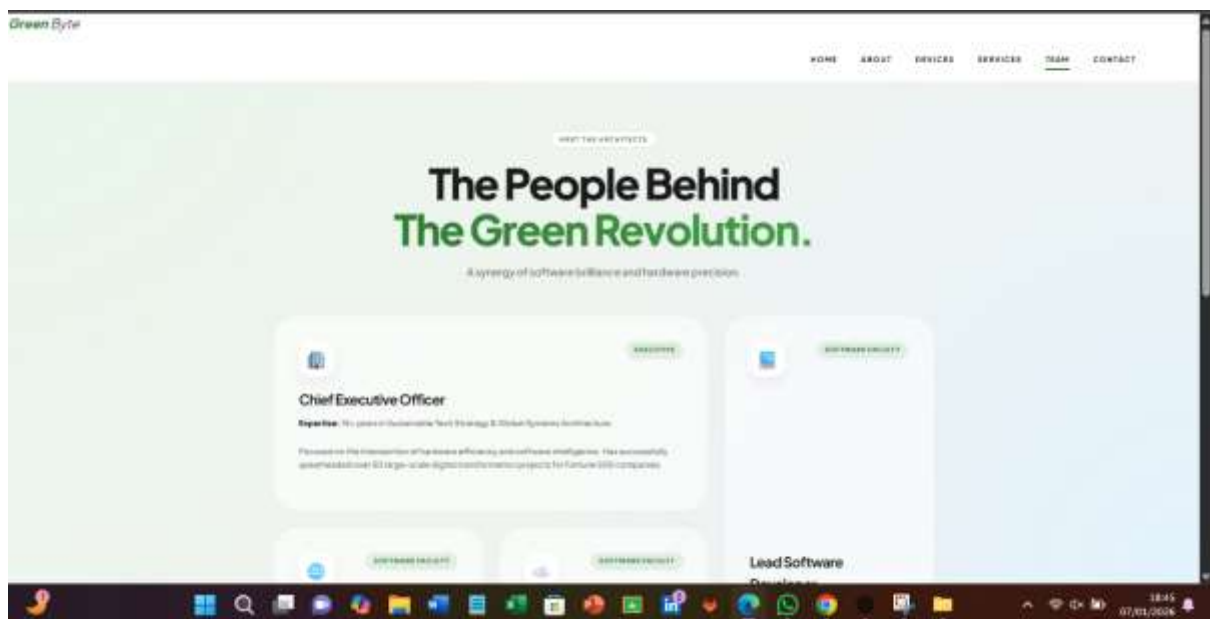


Figure 9 Team Page (1)

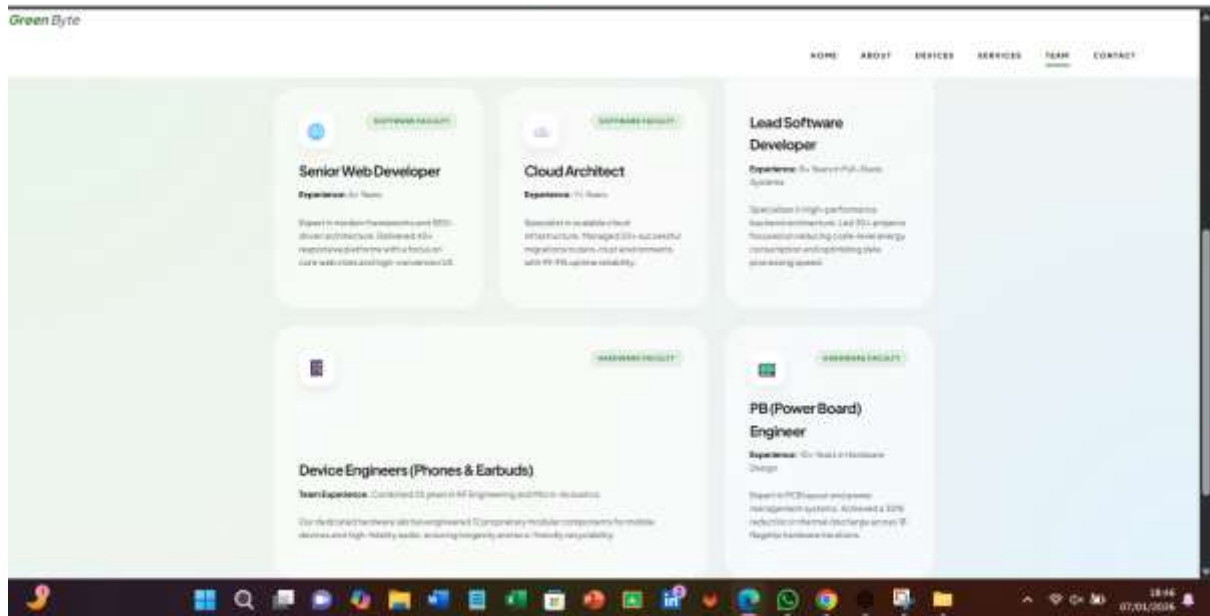


Figure 10 Team Page (2)

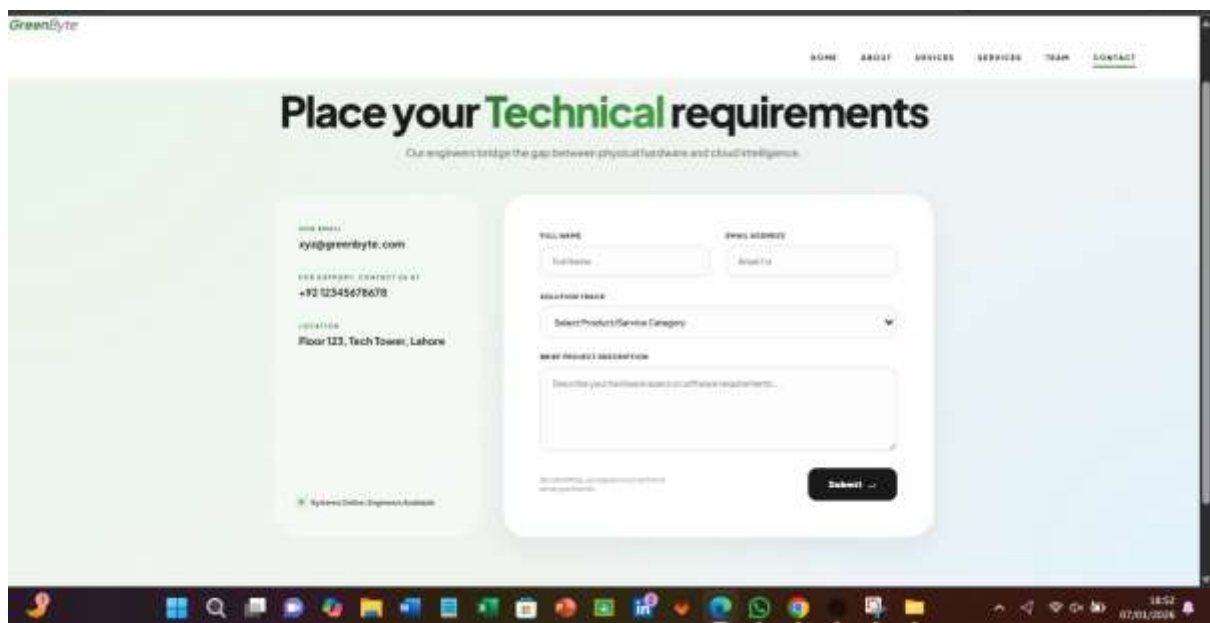
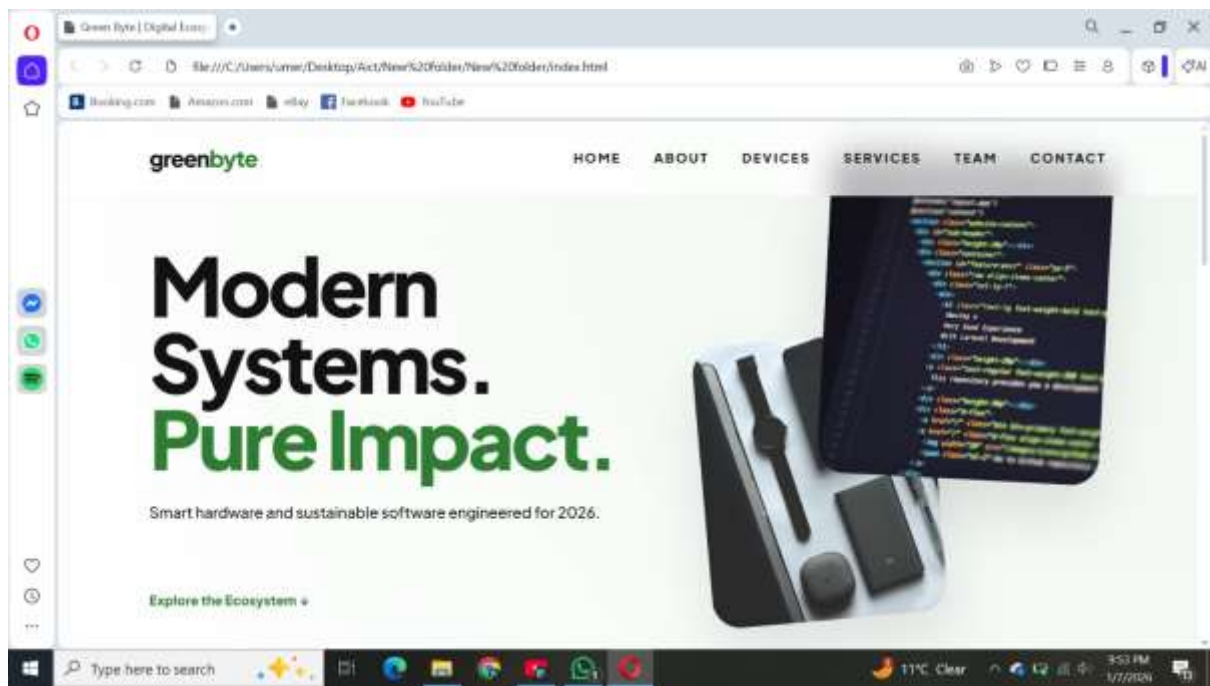


Figure 11 Contact Page

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:

Excel final website project (Protected View) - Excel

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

Service ID	Service Name	Category	Estimated Cost (PKR)	Status
S01	Web Development	Software	52500	Available
S02	Cloud Solutions	Software	87500	Available
S03	Software Development	Software	105000	Available
S04	Cyber Security	Software	70000	Available
S05	Mobile App Development	Software	77000	Out of Stock

Product ID	Product Name	Category	Price (PKR)	Stock	Availability
D01	Laptop	Computing	180000	10	Available
D02	Smart Phone	Mobile	95000	25	Available
D03	Headphones	Audio	18000	5	Available
D04	Wireless Earbuds	Audio	12500	8	Out of Stock
D05	Fast Charger	Accessories	4500	30	Available

Role	Category	Experience (years)	Projects/Tasks
Chief Executive Officer	Executive	15+	50+ projects
Lead Software Developer	Software Faculty	8+	30+ projects
Senior Web	Software Faculty	7+	40+ projects

Row Data | Calculations | Dashboard

Figure 12 Raw Data Sheet (1)

Role	Category	Experience (years)	Projects/Items
Chief Executive Officer	Executive	15+	30+ projects
Lead Software Developer	Software Faculty	8+	30+ projects
Senior Web Developer	Software Faculty	6+	40+ platforms
Cloud Architect	Software Faculty	7+	20+ migrations
Device Engineers (Phones & Tablets)	Hardware Faculty	25+	12 components
PB (Power Board) Engineer	Hardware Faculty	10+	18 iterations

Figure 13 Raw Data Sheet (2)

Metric	Formula	Result
Tax Rate		0.05
Discount Rate		0.1
Total Device Stock	SUM	64
Average Device Price	AVERAGE	62000
Average Service Cost	AVERAGE	78400
Inventory Value (Before Tax & Discount)	SUMPRODUCT (Price x Stock)	3522000
Inventory Value (After Discount & Tax)	Apply Discount then Tax	58590
Average of all Experiences	AVERAGE	

Figure 14 Calculation sheet

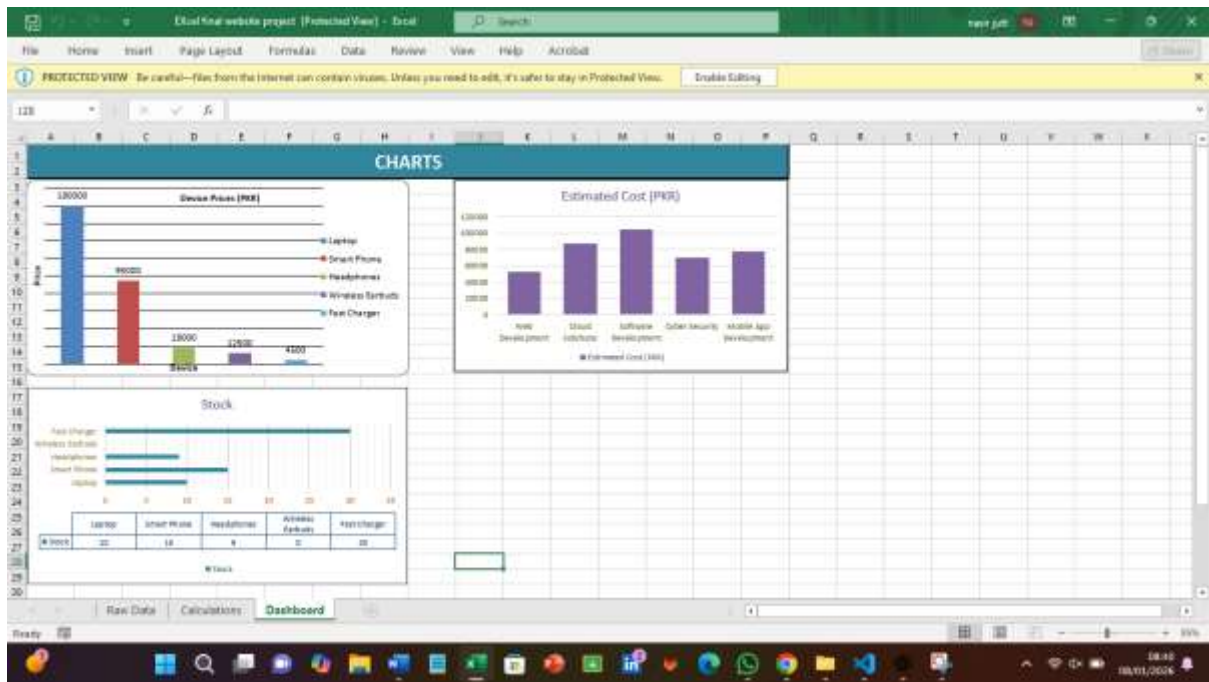


Figure 15 Dashboard (Bar Charts)

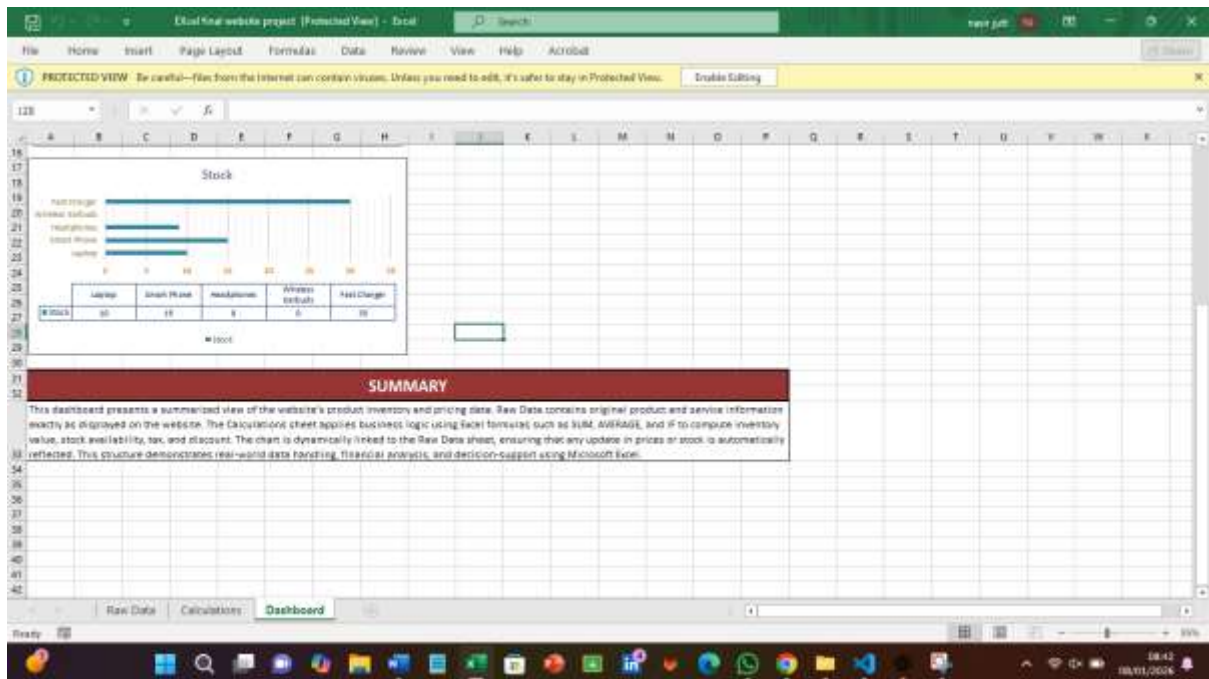


Figure 16 Dashboard Summary

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 Siddiqi): [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 Siddiqi): [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:

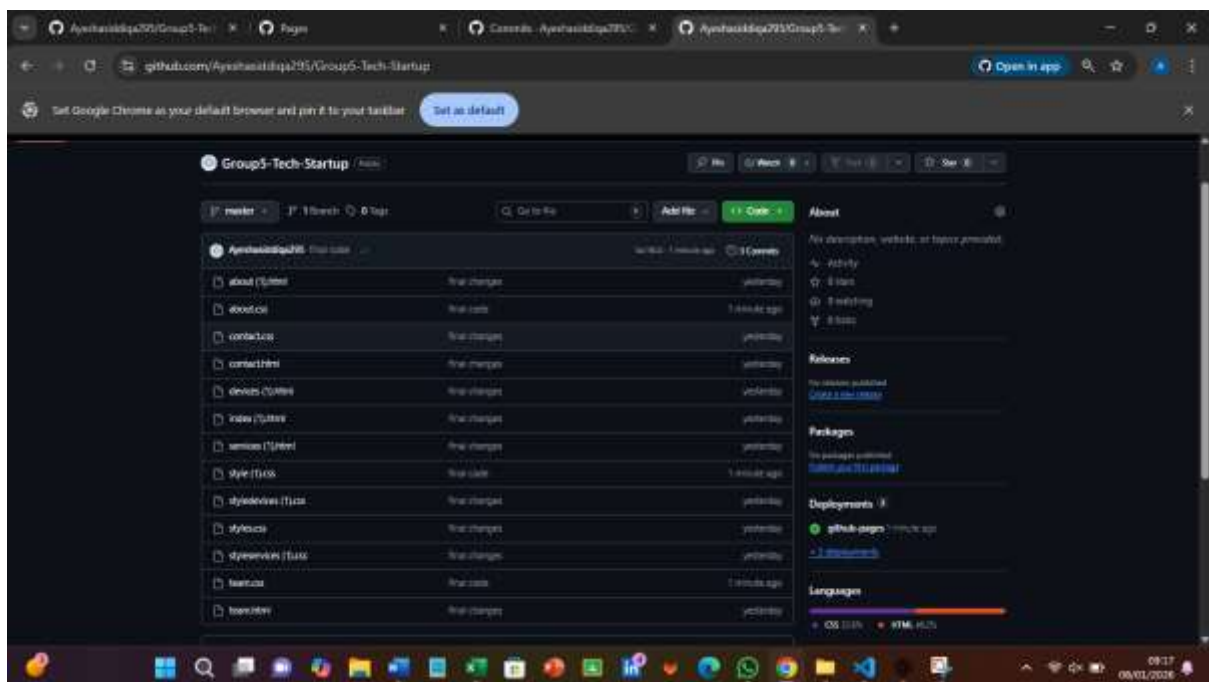


Figure 17 GitHub Repository Page

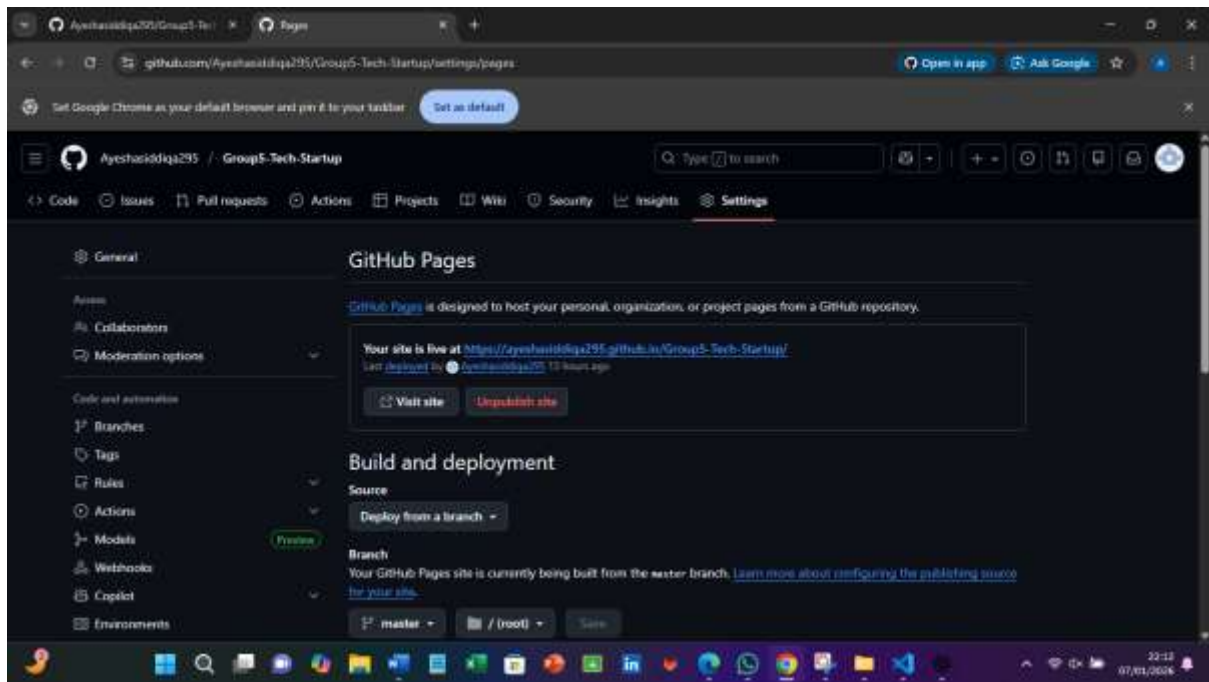


Figure 18 GitHub Pages Live site

Commit History Screenshot:

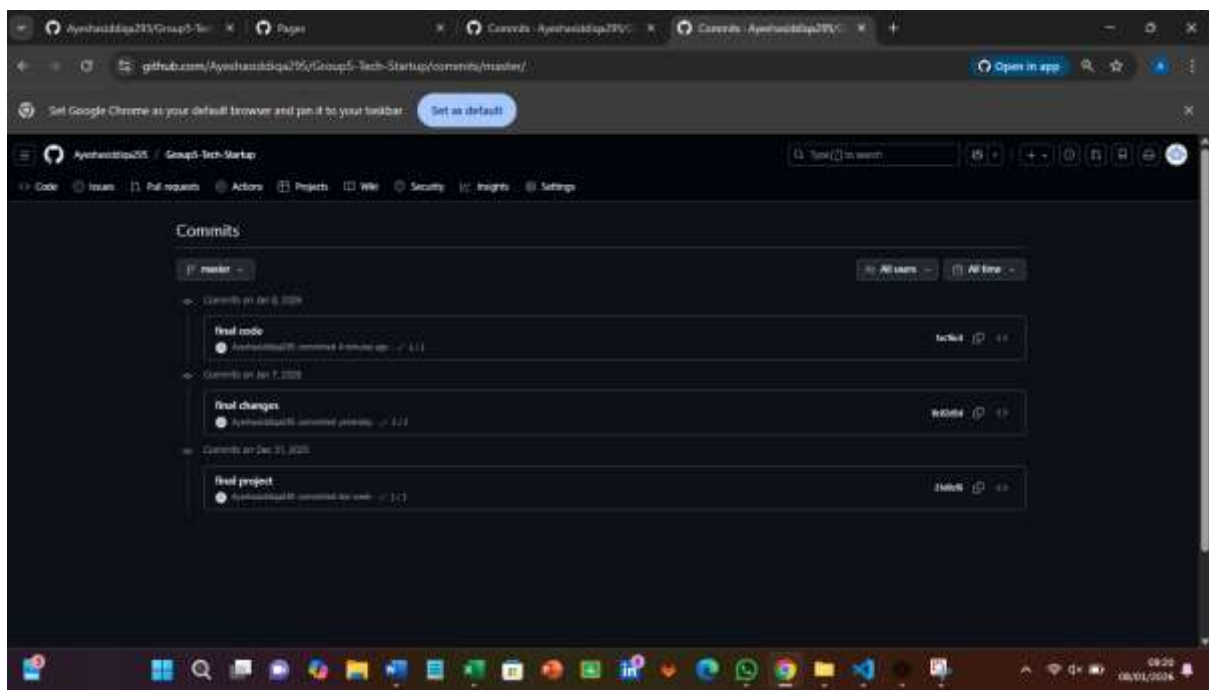


Figure 19 Commit History

PowerPoint Slides Screenshots:

AICT Lab-Tech Start up Project



Figure 20 Title Slide



Figure 21Group Members Slide

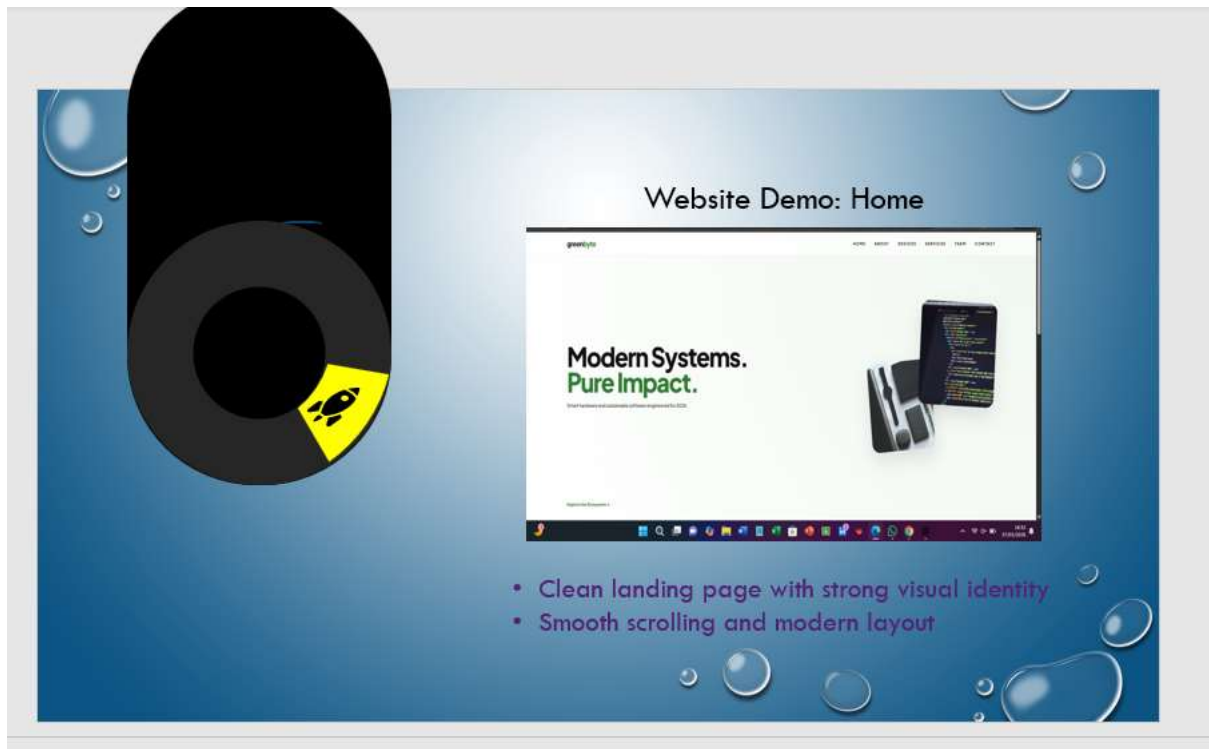


Figure 22 Website Demo

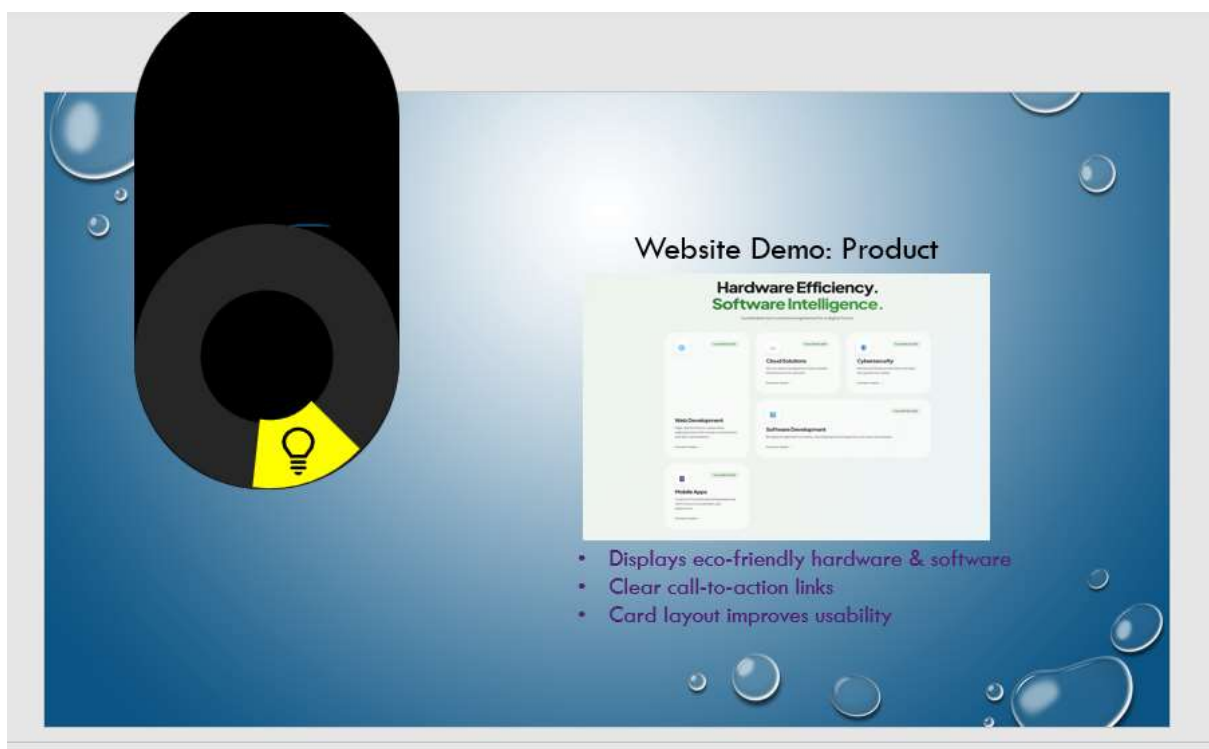


Figure 23 Website Products Demo

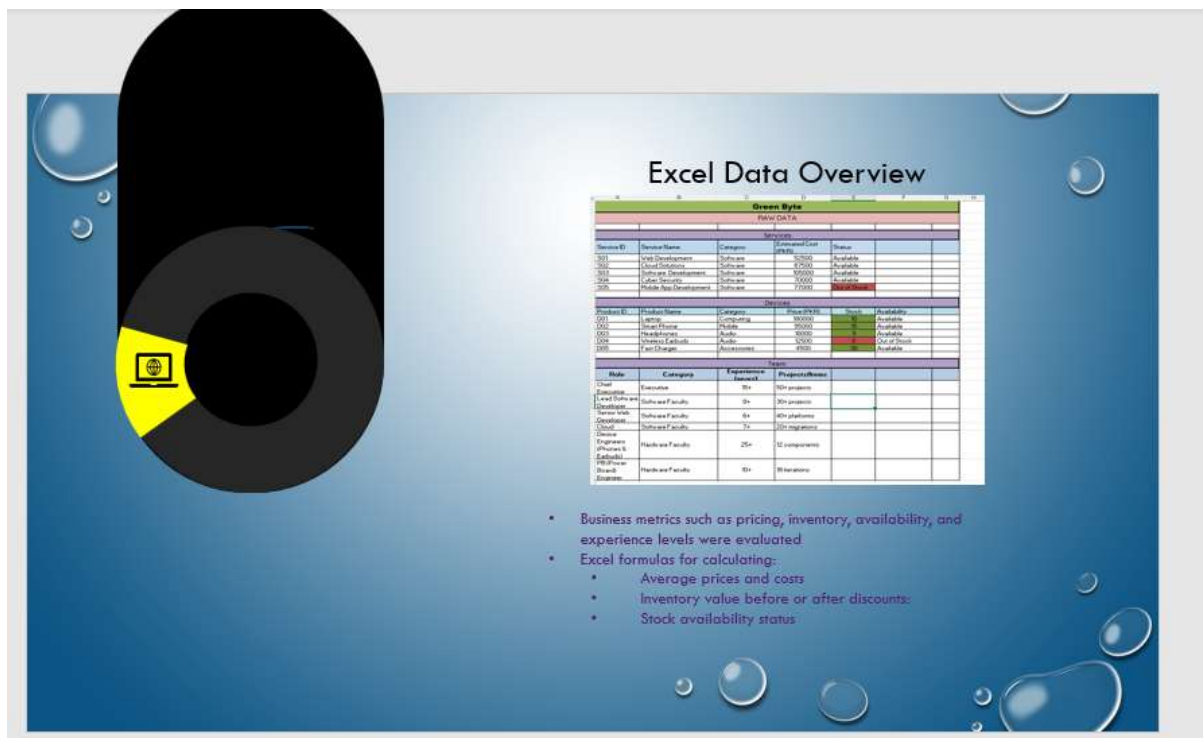


Figure 24 Excel Slide

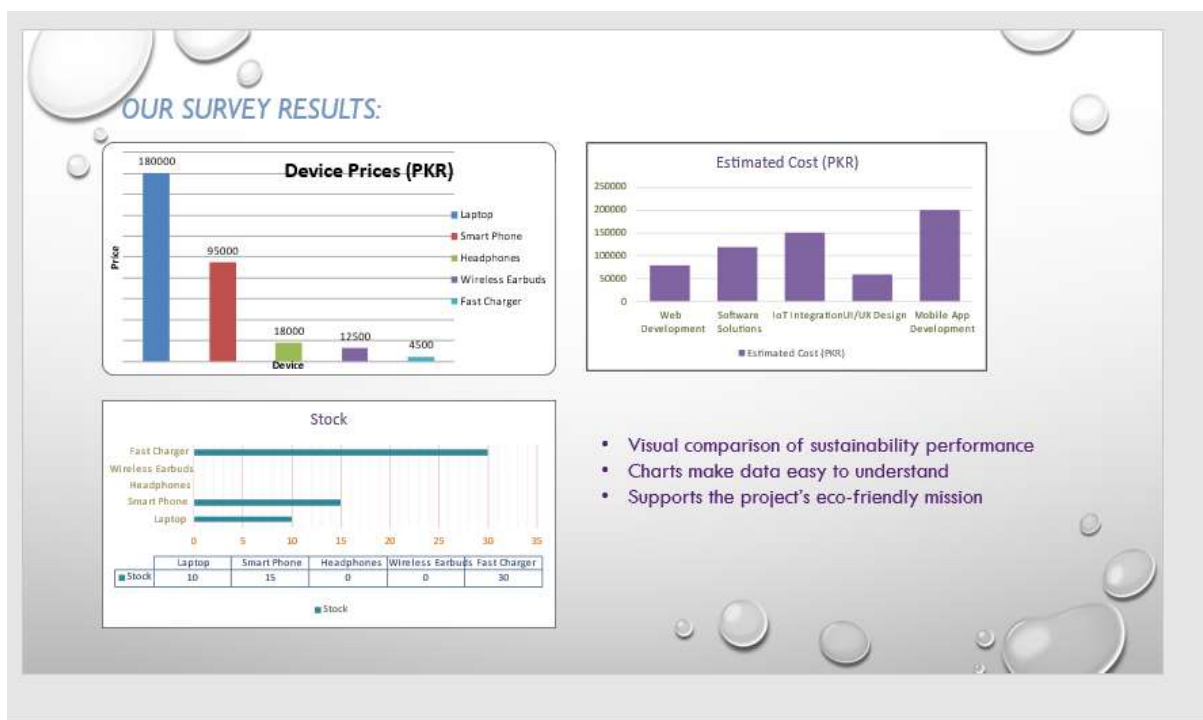


Figure 25 Excel Charts Slide

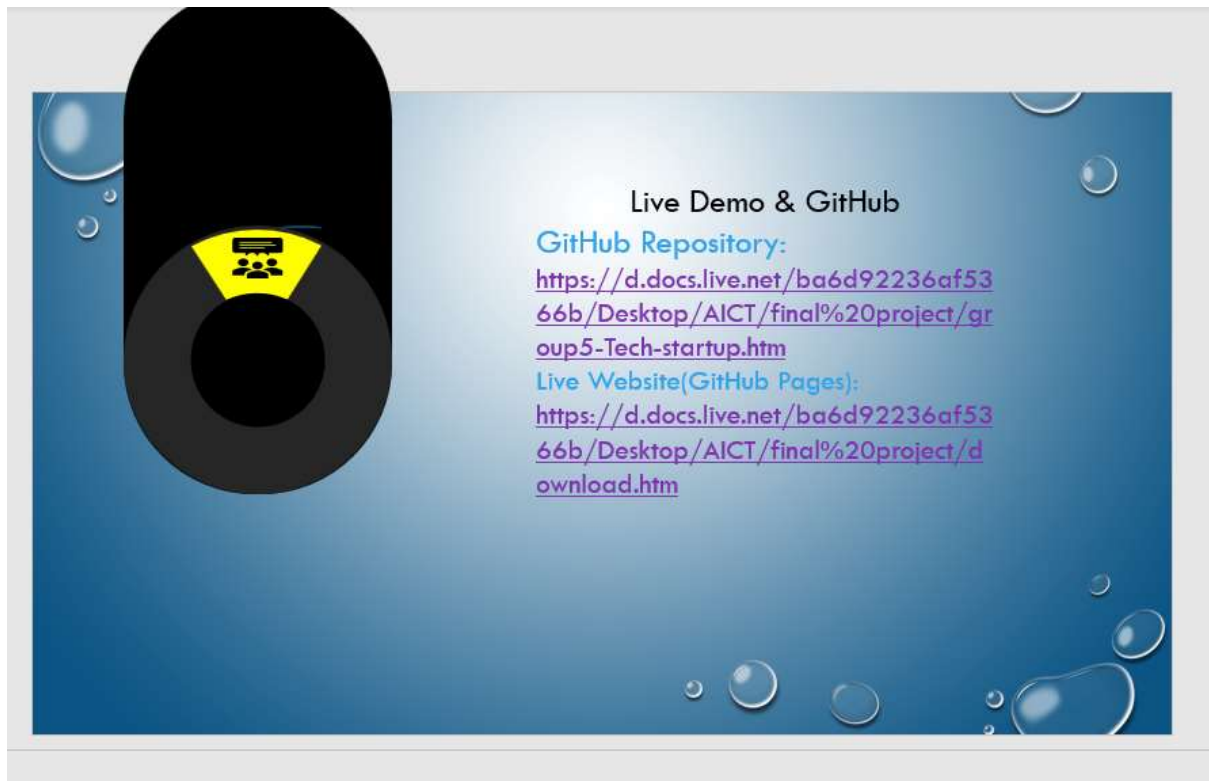


Figure 26 GitHub and Live Link Slide

Video Screenshots:

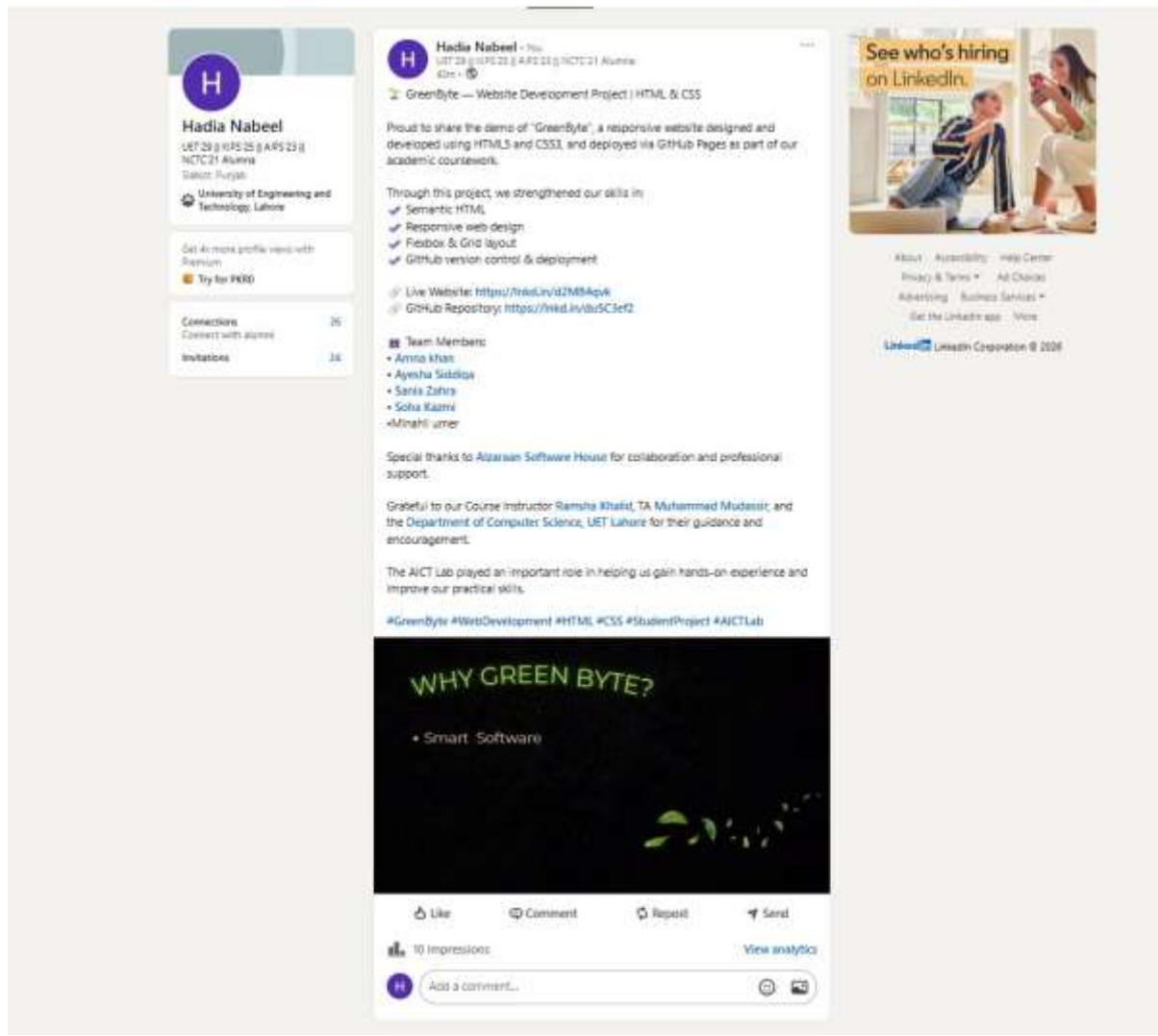


Figure 27 Opening Frame (Title)



Figure 28Closing Frame

LinkedIn Post Screenshot:



Reflections and Future Improvements

This project helped us understand real 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.

AICT Lab-Tech Start up Project

