Digital Futures Club
Technology Proposal

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EF101 - INFORMATION TECHNOLOGY FUNDAMENTALS
AND APPLICATIONS
NED University of Engineering & Technology

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OUR VISION

The Digital Futures Club aims to empower NED students with modern digital tools and a collaborative workspace. With the right technology, we can design websites, build mobile apps, run workshops, and bring creative ideas to life. This proposal outlines the essential equipment we need to start strong and unlock the club's full potential.

WHAT WE NEED? (SHOPPING LIST)

Recommended Devices:

- Laptop (2 units) – HP 15s (i5)

    – Intel Core i5-1235U

    – 8GB RAM

    – 512GB SSD

    – 15.6" FHD

    – Price: $630 each

- Desktop (1 unit) – Dell OptiPlex Tower

    – Intel Core i5-12400

    – 16GB RAM

    – 512GB SSD

    – 24" FHD Monitor

    – Price: $750

- Printer – HP LaserJet 107w ($150)

- Backup Solution – 200GB Google One Cloud Plan ($25/year)

Software:

- Windows 11 ($120)

- MS Office Student Edition ($70)

- VS Code (Free)

- Antivirus ($25)

BUDGET TABLE

Item	Model / Specs	Unit Price	Qty	Total Price
Laptop	HP 15s – i5-1235U, 8GB RAM, 512GB SSD, 15.6" FHD	$630	2	$1,260
Desktop Com puter	Dell OptiPlex i5-12400, 16GB RAM, 512GB SSD, 24"	$750	1	$750
Printer	Monitor HP LaserJet 107w	$150	1	$150
Software	Windows 11 + MS Office +	$215	1	$215
Pack age	An tivirus			
Cloud Backup	Google One 200GB Plan	$25	1	$25
Grand Total				$2,400

SOFTWARE & USAGE

- Windows 11: Operating system for all devices

- MS Office: Reports, budgeting, documentation

- Visual Studio Code: Coding, app development

- Google Drive: Cloud backup + team collaboration

- Antivirus: System protection

Data Backup Solution

Club data will be stored on the desktop's primary drive and synced nightly to a dedicated cloud storage service (Google One) to prevent data loss.

TOTAL PROJECT BUDGET

Total Project Cost: $2,400
Budget Limit: $2,500
Status: Approved — Within Budget!