Version 1.0

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Website Requirements Specification

Requirements & Proposed Design

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REQUIREMENTS

Visitor Interaction

Requirements	Description
Video introduction	Have a short video on each page to introduce users to the need of studying Linux.
Past student testimonials	Show testimonials from other students
See prospective pathways	Provide information on various paths and careers in Linux administration using interactive buttons.
Income Gains	Inform users through graphics of the increased income Linux administration provides
Use less technical terms	Keep information as descriptive and clear as simple for every type of user to comprehend
Use of graphics and visual aid	Enable non-IT users to have a grasp of what the website is about
Have a chatbot	To help their interaction and to resolve their questions
Have a FAQ page	To provide answers to generally asked questions
Request more information	A tab to request more information and details about the program

Account Management

Requirements	Description
Creating accounts	Users can sign up using: • Email • Facebook • Google
Linking account to third party apps	Users would be allowed to promote referrals to their friends and connections on social media. Hence, the need for the links.
Password length	**Accounts created using email, would require users to use a password of at least 10 characters.**

Booking, Editing and Updates

Requirements	Description
Accessing class schedules	Have a view of past, ongoing and current classes held.

Display the various class schedules	• Monday and Wednesday evenings • Weekends • Tuesday and Thursday Evenings
User registration restrictions	• Prevent users from enrolling into a class that has been ongoing for 1 day or more. • Classes that have already began show in the class schedules as ongoing but cannot be enrolled into.
Register for a class	Users provide details to create an account for them after they have enrolled in the class.
Choosing sessions	**Allow users to pick a session after they have enrolled into the program**
Edit schedule	**Allow users to edit and change schedules only within 3 weeks after a session has began.**

Sitemap and Navigation

Requirements	Description
Search box	Should be seamlessly and effectively connected with keywords and pages to help users.
Links to Home, About, Contact Us, User Account, Pricing and FAQs on all pages	To improve user navigation.
Login	After a user logs in, there should see: • Their outstanding fees or credit if any. • See their schedule and course resources • A tab to contact instructor • Interesting resources to help them level up after the class.

Content Management

Requirements	Description
A news feed plugin	• Keep the site up to date with statistics for the job market demand for Linux administrators. • The growth of the field and salaries
Articles from successful alumni	These would serve to spike the interest of non-IT users to want to delve into IT.
Linux Admin and IT Blog	**Blog to serve as a community for alumni, IT professionals, students and aspiring students.**

Tracking (Website Statistics)

Requirements	Description
Privacy Policies and Tracking	Notify users that only cookies and browsing history on the site is collected. They can opt out of the cookie collection.
Study user's behavior on website	Implement solutions for FAQs that are not yet available.
Track users' interest	Advertise products and services to users based on their learned history

Search Engine Optimisation (SEO)

Requirements	Description
Use of keywords to attract users	Direction of users from sites hinting new IT skills to learn to website, available products and services offered.
Running ads	**Ads on Google and other search engines to draw users who make searches on Linux, learn Linux, among others relating to products offered**

Pricing

Requirements	Description
Tab on pricing available	Clear details of the pricing of products and services and installment plans available.
Refund Policy	**Full refund provided if requested within 2 weeks of enrolling into the program.** **Partial refund if requested within a month.** **No refund available if requested after one month a class session has begun.**

Payment

Requirements	Description
Payment platforms	Apple pay, Google pay, Visa and Cashapp would be supported
Tab on pricing available	Clear details of the pricing of products and services and installment plans available.
Refund Policy	**Full refund provided if requested within 2 weeks of enrolling into the program.** **Partial refund if requested within a month.**

	No refund available if requested after one month a class session has began.

Security

Requirements	Description
SSL and TLS	Available throughout the website to securely verify and encrypt user credit card, financial and personal details.
Captcha on login and signup pages	To reduce the success of bots and attackers stealing information from the website.
Secure WordPress pages and plugins	Verify plugins, themes and other web features produced by WordPress to ensure their safety.
Updated Browser Version	**Prompt users to move to an update browser version when about to make payments, login or register.**

Front-end Design

Requirements	Description
Interactive and intuitive buttons and tabs	Creation and placement of buttons, designs and tabs that can be efficiently used by users.
Very clean and clear fonts and styles	**The use of fonts that direct users to the right information without distracting them or allowing them to lose information.**

Back-end Design & Integrations

Requirements	Description
Efficient integrations with the WordPress core	**WordPress does not provide 100% access to the site's setting hence the need for integrations that is seamlessly supported by WordPress without lags and hiccups.**

Testing & Quality Assurance

Requirements	Description
Unit Testing	Testing each function, tab, plugin and webpage in that order to cover small pieces of code to the largest before making any integrations.

Integration Testing	Testing the site during integrations to check whether are working as they should and have not generated any problem or vulnerabilities.
System Testing	**Run a system testing after the entire product is ready to fix problems we missed earlier or were not present during the previous tests.**

Hosting

Requirements	Description
Privacy and Data Policy	Ensure that the hosting vendor upholds the privacy and data policies of our users and us.
Automation Support and Flexibility	Ensure the hosting vendor supports automating features and settings on the website and flexible updates to content.
Support website features and integrations	**Allowing users to enjoy the full user experience.**

Mobile Device Response/Compatibility

Requirements	Description
Including modules and plugins for mobile device access	Enhancing user experience on mobile devices
Screen size compatibility	**Allow webpages to load and refresh efficiently on mobile devices**