Dia's New Jewelry Store

DNJS   Sample Page

DNJS

New arrivals

Like flowers that bloom in crystals.

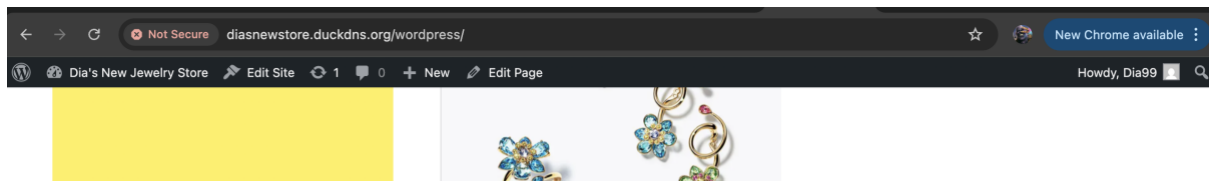### New arrivals

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Although the current version of the store does
not support transactions or inventory management
yet, it lays the groundwork for future
development. Additional features such as payment
gateways, user login, and product databases
are upcoming. For now, the focus is gathering
✨a vibe✨

📸 Image Credits
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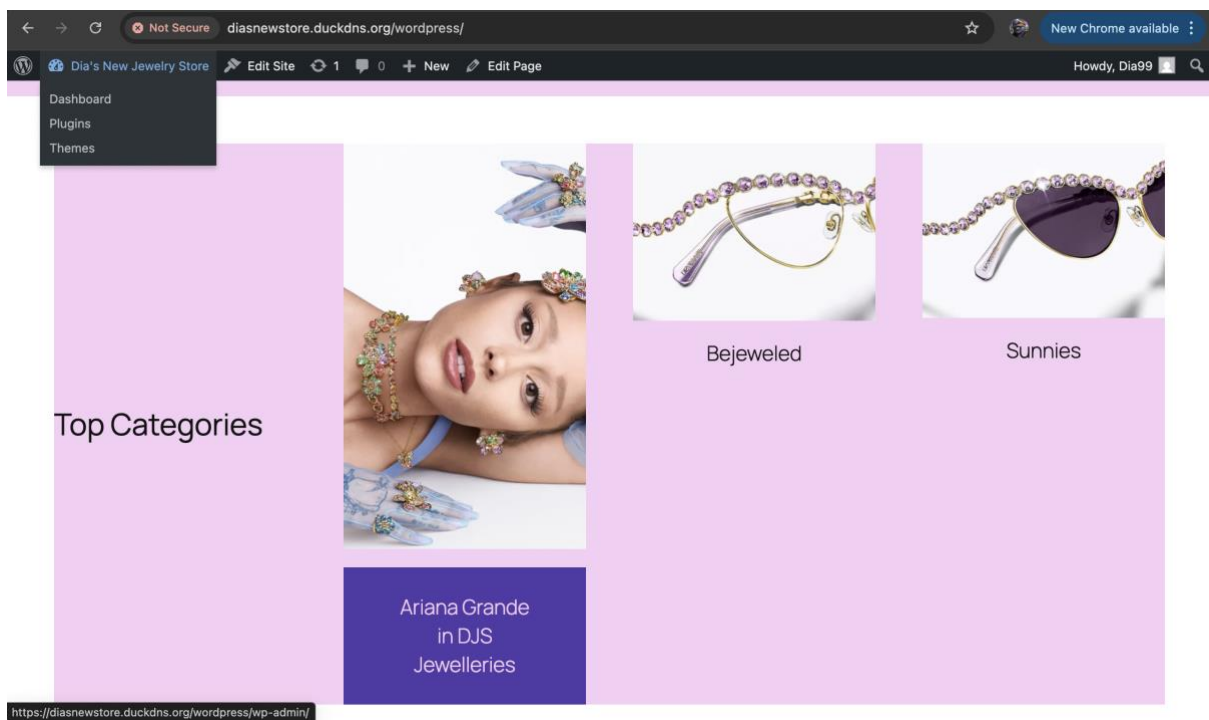
For the third version of my online store, I manually installed WordPress on an AWS EC2 instance using the terminal. I set up an SSL certificate with Certbot for HTTPS access via a DuckDNS domain. Although the browser shows "Not Secure" in the address bar, this is a common issue with DuckDNS domains and doesn't affect the actual HTTPS encryption. This version was easier to customize through the WordPress dashboard, where I

added images, changed themes, and edited page content without needing to code. Unlike the custom HTML version, WordPress allowed quicker edits and media uploads (after fixing permission issues). This version demonstrates my understanding of server setup, domain linking, and CMS usage for streamlined web development.

While setting up my third version of the store using WordPress on EC2, I faced several technical challenges. One of the main issues was that uploaded images wouldn't appear in the Media Library. This turned out to be a permission problem, so I fixed it by running terminal commands to give WordPress the correct ownership and write access to its folders.
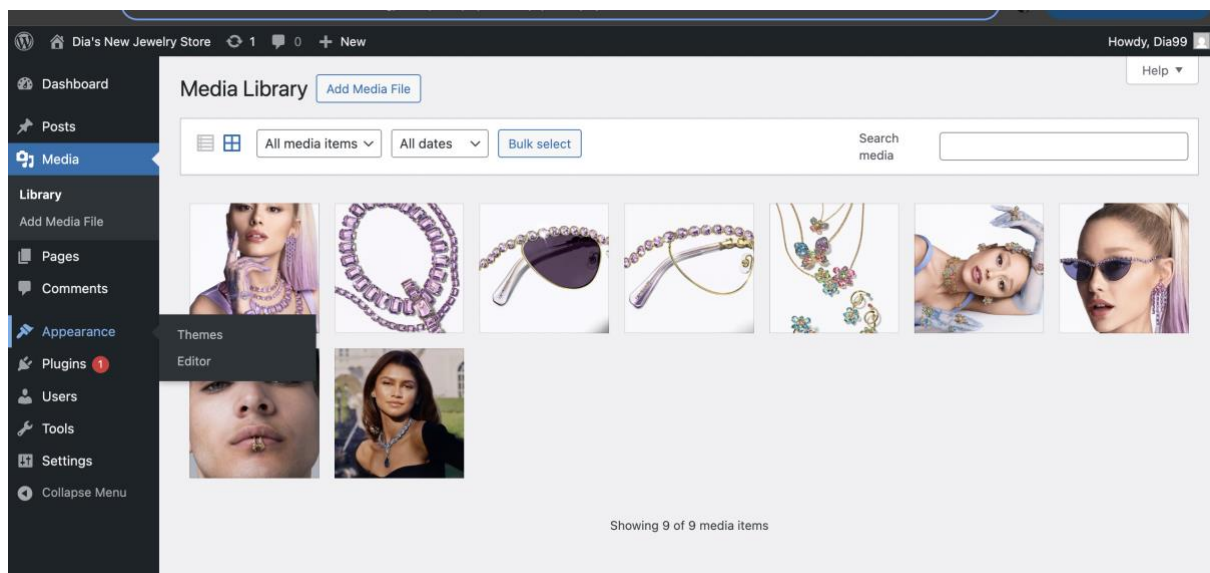
Another challenge was that even after setting up HTTPS with Certbot, the site showed a "Not Secure" warning in the browser. I later learned this is normal with DuckDNS domains since they don't have trusted SSL certificates by default. Despite this, the HTTPS encryption was still active and valid.

Finally, I had trouble remembering my database name, username, and password during the WordPress setup. I had to reconfigure the setup files and carefully retrace my terminal steps to fix it. These issues helped me better understand server management, permissions, and the importance of writing things down.