

□ DAY 6 - DEPLOYMENT PREPARATION AND STAGING ENVIRONMENT SETUP

Vercel Deployment link : <https://ui-ux-hackathon14.vercel.app/>

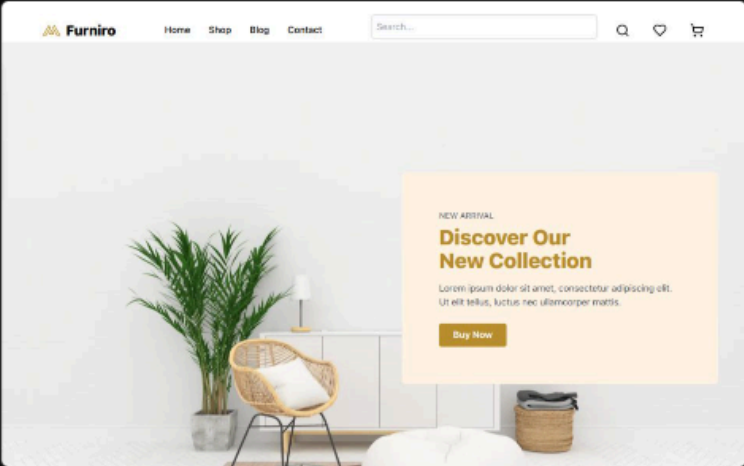
vercel.com/hamza-sheikhs-projects-83eb167f/ui-ux-hackathon14

Project Deployments Analytics Speed Insights Logs Observability Firewall Storage Settings

ui-ux-hackathon14 Connect Git Usage Domains

Production Deployment

Build Logs Runtime Logs Ins



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Deployment
ui-ux-hackathon14-83peq7psm-hamza-sheikhs-projects-83eb167f.vercel.app

Domains
ui-ux-hackathon14.vercel.app +2

Status	Created
Ready	1h ago by hamzasheikh8669

Source
main
9d9bcec module-set

Hosting Platform Setup

Github Repo Link: https://github.com/Hamzasheikh8669/UI_UX_Hackathon14.git

The screenshot shows the GitHub interface for the repository 'UI_UX_Hackathon14'. The repository is public and has 1 branch (main) and 0 tags. It has 74 commits, with the latest commit '9d9bcec' made 19 hours ago. The repository contains several files and folders: 'public/images', 'scripts', 'src', 'types', '.eslintrc.json', and '.gitignore'. The 'About' section on the right indicates it is a 'figma design hackathon' and provides a link to 'ui-ux-hackathon14.vercel.app'. The 'Releases' section is also visible at the bottom right.

Hamzasheikh8669 / UI_UX_Hackathon14

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main 1 Branch 0 Tags

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<> Code

Hamzasheikh8669 module-set 9d9bcec · 19 hours ago 74 Commits

public/images	further changes	2 days ago
scripts	module-set	19 hours ago
src	module-set	19 hours ago
types	further changes	2 weeks ago
.eslintrc.json	Added multiple files	last month
.gitignore	further changes	2 days ago

About

figma design hackathon

ui-ux-hackathon14.vercel.app

Readme

Activity

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Releases

I have successfully completed Day 6 – Deployment Preparation and Staging Environment Setup!

1 Hosting Platform Setup & GitHub Connection

I selected **Vercel/Netlify** as the hosting platform and connected my **GitHub repository**. I configured the **build and deployment settings** to ensure a smooth staging deployment.

2 Environment Variables Configuration

I created a **.env** file to store sensitive data like **API keys** and **database credentials**. Then, I securely uploaded these environment variables to the hosting platform to ensure safe deployment.

```
1 NEXT_PUBLIC_SANITY_PROJECT_ID=[REDACTED]
2 NEXT_PUBLIC_SANITY_DATASET="[REDACTED]"
3 NEXT_PUBLIC_SANITY_API_TOKEN=s[REDACTED]1kR08wt1gJks3m
4 NEXT_PUBLIC_SANITY_API_VERSION="2025-01-13"
5
6 # Shipment tracking mkeg keys
7 NEXT_PUBLIC_CLERK_PUBLISHABLE_KEY=pk_test_[REDACTED]
8 CLERK_SECRET_KEY=sk_test_z810h[REDACTED]
9 NEXT_PUBLIC_SHIPMENT_API_KEY=EST[REDACTED]CAMERCA
10
```

3 *Staging Deployment*

I deployed my application to a **staging environment** and verified that the build process was successful. I checked that the website loaded properly and worked as expected.

4 *Staging Environment Testing*

I performed three types of testing:

- **Functional Testing** → Used Cypress/Postman to validate workflows.
- **Performance Testing** → Used Lighthouse/GTmetrix to check speed and responsiveness.
- **Security Testing** → Ensured HTTPS was enabled, API keys were secure, and no SQL injection vulnerabilities existed.

5 *Documentation & Reporting*

I created and organized all project files in GitHub, including:

- **Test Case Report (CSV format)** – Recorded all test results (passed/failed).
- **Performance Testing Report** – Generated using Lighthouse.
- **README.md** – Summarized all deployment steps and project details.

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8	2025-02-08 16:51739033906309	ui-ux-hackhatho	GET		200	gpqlh-17390339	Mozilla/5.0 (Win	info	production	main	MISS	edge-middlewar	/src/middleware