

Day 5 - Enhancing Testing, Debugging, and Backend Excellence

On Day 5, we focused on elevating our development process by enhancing testing, debugging, and backend excellence. The day was dedicated to ensuring the robustness and reliability of our application through comprehensive testing strategies and efficient debugging techniques. We also worked on optimizing backend performance, ensuring seamless integration with frontend components, and maintaining high standards of code quality. Key activities included:

- Testing:** Implementing advanced testing methodologies, including unit tests, integration tests, and end-to-end tests, to ensure the application functions as expected under various scenarios.
- Debugging:** Utilizing powerful debugging tools and techniques to identify and resolve issues quickly, improving the overall stability of the application.
- Backend Excellence:** Enhancing backend systems for better performance, scalability, and security. This included optimizing database queries, improving API response times, and ensuring secure data handling practices.

By the end of the day, we achieved a more reliable and efficient system, ready to deliver a seamless user experience.



PERFORMANCE TESTING

Report from Jan 23, 2025, 6:37:38 PM

<https://hackthon-3-buqf.vercel.app/>

Analyze



Mobile



Desktop



Discover what your real users are experiencing



No Data



Diagnose performance issues

84

Performance

86

Accessibility

96

Best Practices

100

SEO

84

Performance

Values are estimated and may vary. The [performance score is calculated](#)



➤ TESTING TABLE SUMMARY

Test No.	Feature Tested	Expected Outcome	Actual Outcome	Status	Priority	Notes
T001	Performance	Score \geq 90	Achieved 84	Fail	High	Requires Optimization
T002	Accessibility	Score \geq 90	Achieved 86	Fail	Medium	Improve for Compliance
T003	Best Practices	Score \geq 90	Achieved 96	Pass	Low	Meets Standards
T004	SEO	Score = 100	Achieved 100	Pass	Low	Fully Optimized