

# COMSATS INTERNSHIP PORTAL

Department of Computer Science

## WEEKLY REPORT - WEEK 4

Student Name:	Test Student Clean (CIIT/FA21-BSE-999/CII)
Supervisor:	Prof. Test
Company:	Clean Test Company
Company Location:	Islamabad
Week Number:	Week 4
Report Title:	Week 4 Clean Test Report
Due Date:	9/8/2025
Submitted Date:	9/8/2025
Status:	Submitted

### Tasks Completed:

Successfully implemented user authentication module with password hashing. Completed unit tests for all authentication endpoints.

### Challenges Faced:

Initially struggled with async/await patterns in Node.js, but learned to manage promises effectively and improved performance.

### Key Learnings:

Gained valuable experience in security best practices. Understanding of OAuth2 concept improved significantly.

### Plans for Next Week:

Start working on role-based access control and implement admin dashboard.

### Additional Comments:

GitHub repository: <https://github.com/test/auth-module>. Screenshots of authentication flow attached.



