

COMSATS INTERNSHIP PORTAL

Department of Computer Science

WEEKLY REPORT - WEEK 4

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| 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 and improved significantly.

Key Learnings:

Gained valuable experience in security best practices. Understanding of promise management improved significantly.

Plans for Next Week:

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

Additional Comments:

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

