DAILY Report Front-End (JavaScript)

General Report Info

Date: July 23, 2025

Internship Track: Front-End (JavaScript)

Team Lead: Ali Hyder

Week: 5

Day: 3

Daily Summary (Team-Wise)

Overall Attendance: 12 out of 12 interns marked present today as per check-in screenshot.

Response & Activeness: Interns actively engaged with array methods, especially `map()` and `filter()`. They tried live coding with sample data and shared creative uses.

Common Questions Asked

- What is the difference between `map()` and `forEach()`?

- Can we chain `map()`, `filter()`, and `reduce()`?

- How does `reduce()` work with accumulators?

- Can we use arrow functions inside these methods?

- What are the real-world use cases for `reduce()`?

Issue Resolution

- Demonstrated the syntax and use cases of `map()`, `filter()`, and `reduce()` with arrays.

- Explained how chaining works and how return values differ in each.

- Walked through real examples like summing numbers, filtering conditions, and transforming arrays.

- Highlighted common pitfalls (e.g., missing return in `map()`).

General Observations

- Interns were highly collaborative and helped each other with tricky `reduce()` logic.

- Some interns created small utilities like filters for even numbers and calculators for totals.

- Curiosity around performance and chaining methods was noticeable.

Suggested Improvements

- Practice nested array manipulations using `map()` and `filter()`.

- Understand how initial values affect `reduce()` outputs.

- Explore real dataset transformations using JSON arrays.

- Compare traditional loops with array methods for readability and efficiency.

Individual Intern Tracking

No	Name	Present	Task	LinkedIn	GitHub	Queries	Grade
1	Hamza Rafique	Yes	Yes	Yes	Yes	Yes	10
2	Ayesha Abid	Yes	Yes	Yes	Yes	Yes	10
3	Ayaz	Yes	Yes	Yes	Yes	Yes	9.0
4	Saliha Mehar	Yes	Yes	Yes	Yes	Yes	9.5
5	Zainab	Yes	Yes	Yes	Yes	Yes	10
6	Sardar Manzar Ali	Yes	Yes	Yes	Yes	Yes	9.5
7	Yasal Qamar	Yes	Yes	Yes	Yes	Yes	10
8	Muhammad Farooq Sajid	Yes	Yes	Yes	Yes	Yes	9.0
9	Fatima Wajid	Yes	Yes	Yes	Yes	Yes	10
10	Zainab Bibi	Yes	Yes	Yes	Yes	Yes	9.5
11	Muzammil	Yes	Yes	Yes	Yes	Yes	9.0
12	Huzaifa Shahid	Yes	Yes	Yes	Yes	Yes	9.5