MERN Stack Training
Company: Sensation Software Solutions
Student Name: Tajinder Kaur
Training Duration: 6 Months
Days: 69

Objective of the Day

Integrate **login/signup backend** with **React frontend forms** and test **end-to-end authentication flow**.

Key Goals:

- Connect React forms to backend endpoints.
- Handle JWT tokens on frontend.
- Display **dynamic error messages**.

Work Done on Day 69

1. Created **React login and signup components**.
2. Connected forms to backend endpoints using **fetch API**.
3. Stored **JWT tokens** securely in frontend.
4. Implemented **dynamic UI feedback** for errors and loading states.
5. Verified **redirects** to homepage/dashboard after successful login.

Frontend-Backend Integration Considerations

- Maintained **consistent request/response JSON structure**.
- Implemented **form validation states** for smooth UX.
- Planned **token refresh and logout flow**.

Hands-on Practice

- Tested multiple login/signup scenarios with different users.
- Verified proper token storage and redirect flow.
- Checked error messages display and clear correctly on retry.

Conclusion

Day 69 achieved **end-to-end authentication flow**, fully integrating frontend forms with backend auth logic.