

Project Name: **FACOCODE Social Media App**

Objective & Scope: to Develop a dynamic social media application focusing on user engagement. Frontend responsibilities include creating responsive interfaces (user profiles, news feed) with real-time updates. Collaborate with the backend team using Spring Boot and MySQL for server and database.

Technology Used: Frontend: React.js for modular UI, Redux for state management. Backend: Spring Boot for server, MySQL for the database. Choices based on popularity, community support, and suitability for real-time applications.

Challenges & Impact: Real-time interactions and data consistency between frontend and backend posed challenges. Optimizing for concurrent users required addressing performance bottlenecks. Collaboration with the backend team improved communication skills and deepened understanding of asynchronous operations.

Impact: Positive collaboration and skill development in frontend-backend coordination, real-time app development, and performance optimization.

Outcomes: Successful delivery of a responsive social media app. Insights gained include the intricacies of real-time applications, importance of coordination, and the iterative nature of performance optimization.