

## **TRACK MY FIN: A FULL-STACK PERSONAL FINANCE MANAGEMENT SYSTEM WITH REAL-TIME ANALYTICS AND MULTI-FORMAT DATA EXPORT**

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### **ABSTRACT**

*In today's fast-paced digital economy, effective personal finance management isn't just important—it's essential. Yet millions are overwhelmed by the complexity of tracking their finances. That's why Track My Fin stands out as a game-changing, full-stack web application purpose-built to empower users to take control of their financial future. With a beautifully intuitive interface and advanced analytics, Track My Fin transforms budgeting from a chore into an opportunity for growth. Leveraging the power of Spring Boot on the backend and React Type Script on the frontend, Track My Fin delivers real-time transaction tracking, visually compelling analytics, seamless data exports (PDF and Excel), and flawless performance across all devices. Robust security features, category-based transaction organization, and dynamic visualizations provide actionable insights that enable smarter spending and saving. Track My Fin's modular design ensures scalability, easy maintenance, and effortless extensibility—making it not only the perfect choice for individuals but also a powerful solution for commercial deployment. Rigorous performance testing confirms Track My Fin's ability to handle concurrent users with unwavering data integrity and security. Choose Track My Fin to unlock clarity, confidence, and control in your financial life.*

**KEYWORDS:** *Personal Finance Management*

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### **Article History**

**Received: 26 Apr 2026 | Revised: 27 Apr 2026 | Accepted: 30 Apr 2026**

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