Industrial Training Report
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Div: A, Sem: 8th

Week 7 Learning: 27/01/2025 - 31/01/2025

DATE	TOPIC NAME	DESCRIPTION
27/01/2025	File Upload/Download on Rebex, Dynamic Controls, & Project Definition	Started learning Windows Forms (WinForms) to create desktop applications. Explored the WinForms designer, event-driven programming, and basic controls like labels, textboxes, buttons, and panels. Created a simple form-based application to understand form properties and event handling.
28/01/2025	Project 3 'Personal Finance Tracker' (using WinForms)	Initiated the implementation of user registration, login functionality with comprehensive validations, OTP-based authentication, and the user interface (UI) for the dashboard.
29/01/2025	Project 3 'Personal Finance Tracker' (using WinForms)	Developed the income and expense tracking modules. Utilized Npgsql to manage financial data storage and retrieval in a PostgreSQL database. Integrated chart-based visualizations to analyze spending patterns and categorize expenses. Emphasized modular code design and the creation of an intuitive, user-friendly interface.
30/01/2025	Project Presentation (Personal Finance Tracker)	Delivered a comprehensive presentation of the Personal Finance Tracker project, highlighting its architecture, database design, features, and functionalities. Demonstrated the income and expense tracking modules, user authentication process, and financial reports. Gathered feedback for future enhancements.
31/01/2025	Introduction to MVC, .NET Core, Middleware, and Filters	Began learning MVC architecture and its use in .NET Core. Explored middlewares and filters for request processing, authentication, and logging. Understood the role of controllers, models, and views in MVC-based applications.