Activity 1.3 - Set Up The Development Environment

Objective:

Set up the development environment required for building the SmartSDLC application.

Prerequisites:

- Basic knowledge of programming

- Installation rights on system

Steps to Set Up Environment:

1. Install Visual Studio Code (VS Code)

2. Install Node.js / Python / Java (based on backend choice)

3. Install Git and configure GitHub account

4. Clone the project repository from GitHub

5. Set up the folder structure

6. Install required dependencies using npm/pip/maven

7. Set up local database (MySQL/MongoDB)

8. Test the environment by running a sample module

Tools Used:

- VS Code

- Git & GitHub

- Node.js / Python / Java SDK

- MySQL / MongoDB

- Postman (for testing APIs)

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Roles Involved:

- KR

- JR

- JP

- PA

Summary:

The development environment for SmartSDLC is set up using standard tools and platforms to support modern application development practices.