Scenario_01_InstallationEn

SPSE Jecna Test Case

Test Case ID: INST_01
Test Designed by: Pavlo Kosov
Test Name: Application Installation and Setup
Brief description: Verify that the environment is correctly set up, dependencies are installed, and the database is imported.
Pre-conditions: Python 3.10+ and MySQL Server 8.0+ must be installed on the machine.
Dependencies and Requirements: Internet connection (for pip), MySQL Credentials (root/password).

Step	Test Steps	Test Data	Expected Result	Notes
1	Open Command Prompt/PowerShell and check Python version.	`python --version`	Output shows Python 3.10 or higher.	
2	Check MySQL version.	`mysql --version`	Output confirms MySQL is installed.	
3	Install dependencies using pip.	`pip install -r requirements.txt`	Packages `mysql-connector-python` and `python-dotenv` install successfully.	
4	Configure environment variables.	Create `.env` file with `DB_HOST`, `DB_USER`, `DB_PASS`.	File is saved in project src/utils/.env.	
5	Initialize Database.	Run `bin/init_db.bat` (or `python src/database/databaseSchema.py`)	Script executes and prints "Database Schema & Data Imported Successfully".	
6	Launch the application.	`bin/run.bat` (or `python src/main.py`)	Application starts and displays the Main Menu.	
7	Exit the application.	Option `9`	Application closes with "Goodbye!".	