Project Name: MiniOrderApp

Configuration Test

Test Case ID: T_1
 Test Designed by: Maksym Solonitsyn
 Test Name: Program Invalid Configuration Detection

Brief description: Testing if the program detects an incorrectly defined database connection or missing configuration.

Pre-conditions: Follow instructions from T_0, database exists but connection string is modified incorrectly.

Dependencies and Requirements: Windows OS or Linux, .NET 8 SDK, Node.js + npm installed.

Step	Test Steps	Test Data	Expected Result	Notes
1	Open appsettings.json	-	File opens successfully	Use text editor like VSCode
2	Insert invalid database credentials	Wrong username or password	Backend startup logs database connection error	Error should indicate failure to connect
3	Start backend	-	Backend fails to start or returns DB connection error	User should see clear error message
4	Start frontend	-	Frontend shows error when calling API	API calls return 500 or connection failed message
5	Test various invalid configurations (missing fields, wrong DB name)	Different invalid connection strings	Program detects invalid configuration each time	Error messages must correspond to reality