

Project Name: MiniOrderApp

App Start Test Case

Test Case ID: T_0

Test Designed by: Maksym Solonitsyn

Test Name: Program Required Behavior Verification

Brief description: Testing if the program backend and frontend can run and API endpoints work correctly.

Pre-conditions: Database must be created using the provided SQL scripts.
appsettings.json must be filled with correct connection credentials. Frontend dependencies installed with npm install.

Dependencies and Requirements: Windows OS or Linux (for backend), .NET 8 SDK installed, Node.js + npm installed for frontend, SQL Server accessible.

Step	Test Steps	Test Data	Expected Result	Notes
1	Download the project repository	Release ZIP / Git clone	Repository successfully downloaded	-
2	Configure backend database connection in appsettings.json	Connection string with user, password, and database name	Application can connect to database	Backend should be able to reach SQL Server
3	Start backend with dotnet run	-	Backend API starts without errors	Check console output

4	Start frontend with npm start in MiniOrderAppFrontend	-	Frontend development server launches API returns	Browser opens at http://localhost:5101 (or configured port)
5	Access API endpoints via Postman or frontend	Example: GET /api/customers	expected data (e.g., empty list if DB is empty)	Validate response codes and data format