# TC-BE-001 – Backend Server Startup

Capstone Project: Endless Moments LLC – AI Driven Budgeting Suite

Course: CSE 485 Capstone | Arizona State University

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| Test Case ID | TC-BE-001 |
| Title | Backend Server Startup |
| Goal / Objective | Verify FastAPI backend starts successfully without errors. |
| Preconditions | Python 3.10+ installed. Dependencies installed using pip install -r requirements.txt. |
| Test Steps | 1. Open terminal → cd 'Budgeting capstone Fall 2025/fpna\_backend\_final' 2. Run: uvicorn app\_super\_v3:api --reload 3. Observe the console output for 'Application startup complete'. |
| Expected Result | Backend server starts and displays 'Uvicorn running on 127.0.0.1:8000'. |
| Pass / Fail Criteria | PASS – Application startup complete without errors. FAIL – Any Python traceback or missing module error. |
| Notes | Ensure no other service uses port 8000. |