

# Source Code: AI Generated Report

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```
from fastapi import FastAPI, HTTPException
from fastapi.responses import JSONResponse
from fastapi.testclient import TestClient

app = FastAPI()

# Mock data
products_data = [
    {"name": "Laptop", "available": True},
    {"name": "Mouse", "available": False}
]

@app.get("/check-stock")

def check_stock():
    try:
        return {"products": products_data}
    except Exception as e:
        raise HTTPException(status_code=500, detail={"error": str(e)})

# Testing the endpoint
client = TestClient(app)

def test_check_stock():
```

```
response = client.get( "/check-stock" )

if response.status_code == 200:

    print(response.json())

else:

    print(f"Error: {response.status_code}, {response.json()}")


# Run the test

test_check_stock()
```