**PROJECT X - AUTOMATED ATTENDANCE APP**

**Unit Testing**

Group Name:

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**TRIPLE THREAT (+1)**

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**Unit Testing (JEST)**

**Frontend Testing Setup**

* **Test Library Used:** @testing-library/react-native
* **Example Component Test:**
  + The test ensures that a simple ExampleComponent rendering <Text>Hello, Testing!</Text> works correctly.
  + Test file: Frontend/src/\_\_tests\_\_/example.test.tsx
  + **Result:** Test passed successfully (✓ renders correctly).

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer program

AI-generated content may be incorrect.

**Backend Testing Setup**

* **Test Library Used:** supertest
* **Environment:** TypeScript & Node.js
* **Example API Test:**
  + It validates that a specific GET request returns a 200 OK response.
  + Test file: Backend/src/\_\_tests\_\_/example.test.ts
  + **Result:** Test passed successfully (✓ should return 200 OK for GET).

A screenshot of a computer screen

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A screenshot of a computer program

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