

CRUD Testing Summary (React Native + Jest + Supabase)

What these tests are about

Tests verify **app behavior**, not Supabase itself.

They check:

- User interaction works
- Correct database functions are called
- Navigation happens after actions

CRUD Breakdown

CREATE

- User inputs data
- 'insert()' is called
- App navigates back

Flow:

User → type → press create → insert() → router.back()

READ

- Data is fetched ('select().eq().single()')
- State updates
- UI renders correct content

UPDATE

- Existing data is loaded
- User edits input
- 'update().eq()' is called with correct values
- Navigation happens

DELETE

- User presses delete
- 'Alert.alert()' is triggered
- Confirm button ('onPress') is manually called in test
- 'delete().eq()' runs
- Navigation happens

Why mocking is used

- No real database calls
- Faster tests
- Full control over success/error cases
- No side effects (no real data created/deleted)

Mock rule

The mock must match the real call chain:

Real:

from → update → eq → select → single

Mock:

from() → update() → eq() → select() → single()

If not → errors like:

".select is not a function"
