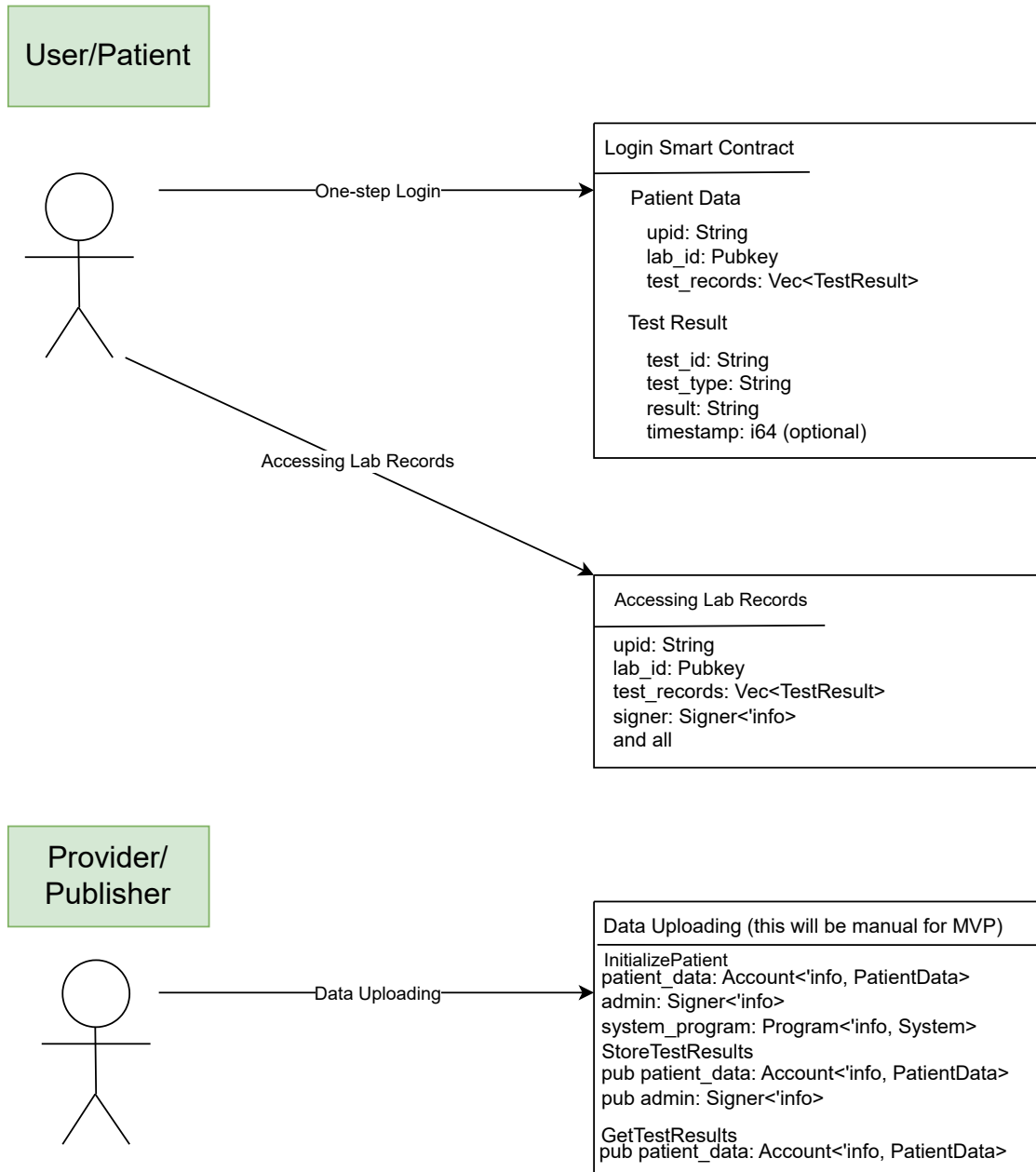# Insta-Labs Requirements

1. Patient can access their lab records anywhere/anytime
2. It should be one step login for patients
3. Patient can compare lab tests prices across the city
4. Providers want someone else to store and organize data (for now we will be doing that)
5. Monthly-membership for providers!

User/Patient

One-step Login →

Login Smart Contract

Patient Data

upid: String
lab_id: Pubkey
test_records: Vec<TestResult>

Test Result

test_id: String
test_type: String
result: String
timestamp: i64 (optional)

Accessing Lab Records →

Accessing Lab Records

upid: String
lab_id: Pubkey
test_records: Vec<TestResult>
signer: Signer<'info>
and all

Provider/Publisher

Data Uploading →

Data Uploading (this will be manual for MVP)

InitializePatient
patient_data: Account<'info, PatientData>
admin: Signer<'info>
system_program: Program<'info, System>
StoreTestResults
pub patient_data: Account<'info, PatientData>
pub admin: Signer<'info>

GetTestResults
pub patient_data: Account<'info, PatientData>

Working on the more detailed part!
PS: sorry for this much delay