

Q3

Integrated System & Subsystems

Backend

- Handle communication & databases, PostgreSQL using Python — Pydantic
 - FastAPI

- Each sub-system ^{etc} has its own independent band-end.

- Should it be handled on-PREM or cloud

[set up a PC with several virtual machines]

- RAM 64 GB

- Storage 2TB of SSD

- Intel Core i7 or i9 &

- 12 ~~threads~~ ^{cores} - 24 threads