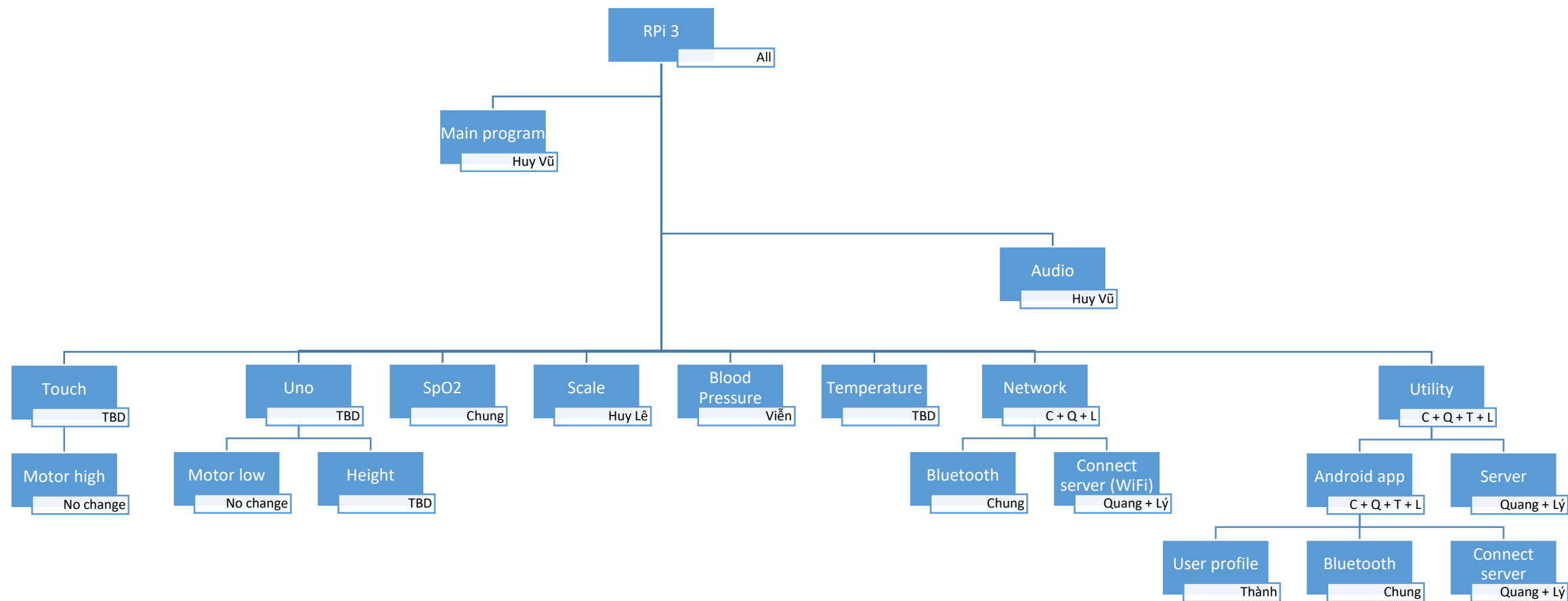


Design & Assigned Task



Task Detail

Main Program

- Define Function names
- Define Workflow
- Port main program from Gali -> Pi
- Manage project
- Huy Vũ + Huy Lê

Scale

- Add new module
- Hack an electronic scale
- Huy Lê

Audio

- Add new module
- Using Speaker
- Huy Vũ

Task Detail

SpO2

- Port from Uno
- Chung

Blood Pressure

- Replace old module
- Method: TBD????
(Iron Man OR ...)
- Viễn

Task Detail (Network)

Bluetooth (Pi-side)

- Add new feature
- Using internal Bluetooth of Pi
- Chung

Connect server via wifi (Pi-side)

- Improve wifi feature
- Connect with server
- Quang + Lý

Task Detail (Android app)

User profile

- New feature
- Account for user (or sth to distinguish user)
- Database
- Collab with server
- Thành + Quang (Server)

Bluetooth (Android side)

- New feature
- Connect with current user phone via Bluetooth
- Chung

Connect server (Android side)

- New feature
- Connect server to store & get result
- Quang + Lý

Task Detail

Server

- Make new server
- Nodejs or anything
- Collab with “User profile”
- Quang + Lý + Thành (User Profile)

Task Detail (TBD)

Uno

- Make the Uno (controlling lower motor) communicate with Pi
- Only Port signal => Easy

Height

- New feature
- Transfer Height result to Pi via Uno (already had result, just transfer) => Easy

Temperature

- Port from Uno to

Touch

- Use Pi to control signal from Touch module
- Easy

Summary

Member	Task
Huy Vũ	Main program, Audio
Huy Lê	Main program, Scale
Chung	SpO2, Bluetooth (Pi side), Bluetooth (Android side)
Thành	User profile
Viễn	Blood Pressure
Lý	Server, Connect server via wifi (Pi), connect server (android)
Quang	Server, Connect server via wifi (Pi), connect server (android)