

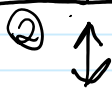
## User App

## First Responder App

FE

- ① create account (w/pin verification)
- ② Login (w/pin verification)
- ③ Declare emergency

- ④ Create FR account (w/pin verification)
- ⑤ Login (w/pin verification)
- ⑥ View emergency data



BE

- ① create user account
  - Verify identity w/pin generator
  - Specify new user
  - Gather data
  - Send data to DB (POST)
  - Send back "success"
  - try/catch for errors

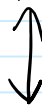
- ② Login
  - Verify identity w/pin generator
  - Gather data
  - Retrieve comparison data from DB
  - compare
  - if equivalent, success; (return)
  - if different, failure; (return)

- ③ Declare emergency status
  - Login required
  - Gather GPS location data
  - Send data to DB
  - try/catch for errors
  - Wait for "stop"; if no stop, repeat (30s)
  - When "stop" is received, stop

- ④ Create FR account
  - Verify identity w/pin generator
  - Specify user
  - Gather user data
  - Send data to DB (POST)
  - Send back "success"
  - try/catch for errors

- ⑤ Login
  - Verify identity w/pin generator
  - Gather data
  - Retrieve comparison data from DB
  - compare
  - if equivalent, success; (return)
  - if different, failure; (return)

- ⑥ View emergency data
  - Login required
  - Gather GPS location data
  - Retrieve data from DB
  - try/catch for errors
  - wait for logout/stop?
  - When logout/stop is received, stop



Database