

SOFTWARE ENGINEERING GROUP PROJECT

DREAMTEAM - PROVISIONAL AGENDA

Provisional Agenda for group meeting week commencing 24th Feb:

Reminder - course mark breakdown:

- Product: The thing you actually built [25%]
- Portfolio: Product & Process Design docs. [40%]
- Pitch: Presentation of the project concept [25%]
- Practices: Reflect on practice & experiences [10%]

Please add anything you wish discussed/decided/signed off to this document. It is broken down into sections:

1) PRODUCT

- The role of the three elements Stack, Stick, Web - currently stack is on handlebars, stick used for emergency services, web for tracking
- What is the unique role - is it the contact emergency services/being tracked for safety? The other parts (calorie counting/route map/distance/speed/time etc are fantastic additional selling points - which we should have) but are not the unique selling point?
- How will the parts link up?
- What can be faked for a presentation? For example could we fake a back-end database - on front page we enter a name etc, and then that data is used on the next page that mocks up what a long term user would see? (easier than a login via Facebook - remember what Chris' etc feedback from paper prototyping)
- What needs to be done
- Who will do it
- Schedule
- Back of the helmet- LEDs viable option:
<https://m5stack.com/products/atom-matrix-esp32-development-kit?variant=31699833389146> - \$23 with fast shipping (couldn't find number of days)

- Alternative (if it works)
<https://shop.pimoroni.com/products/5x5-rgb-matrix-breakout>
- Could we link emergency call out to What Three Words rather than giving GPS numbers? The What Three Words could be displayed on the Stick.

2) PORTFOLIO

- Need to archive and collate the things already done (inc code)
- Incorporate lessons - eg use the paper prototype feedback to influence decisions

3) PITCH

- Worth as many points as the product!!
- Photoshoot for leaflets/posters
- Target the unique selling point
- Rehearsals for pitch (future date)
- I think LEDs on back of helmet for the pitch (even if a separate non-connected circuit) will give a bigger visual punch than using the Stick - the display on which won't be visible

4) PRACTICES

- Nothing this meeting?

5) PROGRESS

- Work done by Alex on maps system
- Work by Humphrey on M5 Stack buttons