

Weekly Report

Marius Peter

UCLA I2BL

12 July 2019

1 This Week's Update

- App Structure
- Key Progress
- New Code
- Miscellaneous

2 Roadmap for Upcoming Week

3 Questions

App Structure

Initializing

- 1 Splash Screen:
Welcome, I2BL logo
- 2 BT Auth:
Connect to BT chip
- 3 ITP Set:
Chose location
- 4 Plot Input:
ITP (mA) vs. t (s)

Sensing

- 1 Acquire data:
Retrieve data from BT
- 2 Plot:
Plot output mA vs. s

Writing

- 1 Write:
Write to .txt file

Key Progress

- 1 a-f selector in GUI
- 2 A-F selector in GUI

New features

- ① Primary feature
 - Does this
 - Facilitates that
- ② Secondary feature
 - Does that
 - Replaces need to do this
- ③ Minor feature 1: get this value
- ④ Minor feature 2: return this object property

Refactored code

Function 1 Simplified it

Function 2 Expanded it

Function 3 Documented it

Started work on this

- Relevant because...
- Must interact with this...
- Can be implemented in so long...
- Will enable this...

Roadmap for Upcoming Week

- ① Finish this
- ② Improve this
- ③ Start this

Questions

- ① What can we reduce?
- ② What can we increase?
- ③ What can we eliminate?
- ④ What can we create?