

Scrum Artifacts

Product Backlog

1. Bluetooth Support
 - a. App connects via bluetooth to microcontroller
 - b. 2 weeks
2. Save workout log
 - . Once a workout is created, it can be saved to app storage
 - a. 1 week
3. Edit workout log
 - . Once a workout is saved, it can be edited over or deleted
 - a. 1 week
4. Additional language support
 - . Add multiple language translations
 - a. 2-3 days
5. UI improvements
 - . A toolbar with settings/profile information that can be toggled
 - a. 1-1.5 weeks
6. Additional workout parameters
 - . Add breakout distance and speed
 - a. 1 day
7. Add input checking
 - . Each text input must be valid
 - a. 1 week
8. Conversion of input to serial
 - . Input is converted to a string that can be sent via serial bluetooth
 - a. 1 week
9. UI Theme support
 - . Add dark and light mode to app
 - a. 3 days
10. Splash screen
 - . Splash screen shown while app loads and bluetooth connection established
 - a. 4 days
11. Input masking
 - . Only allow certain characters/numbers for text field input
 - a. 1 week

Sprint Backlog

Prototype Planned Features:

- Language Support for English and Spanish
- Basic, plain UI for app
- Optimization for multiple devices (works on iPhones, iPads, Pixel phones, Galaxy phones)

- Main User Interface
 - Pool Length option (25yd vs 25m pools)
 - # of Reps
 - Pace
 - Interval
 - Distance (length of workout)
 - LED color choice during workout (Red, Green, Blue)
- Basic User profile