Can U Cardio

Weeks	Week 7	Spring Break	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Finals Week
Start Dates	26-Feb	5-Mar	12-Mar	19-Mar	26-Mar	2-Apr	9-Apr	16-Apr	23-Apr	30-Apr
Software										
Create EC2 Instance										
Create Django web app										
Get AWS web server running										
Receive data from microcontroller										
Update web app (backend) with data										
Work on front end										
Work on average time spent on machine										
Implement Sockets from software side										
Fix bugs with report action, etc.										
Hardware										
Order ESP8266										
Develop prototype code for microcontroller										
Develop code for microcontroller										
Develop code to send via W-Fi										
Develop/Modify code to process IR Sensor Data										
Implement Sockets from microcontroller side										
Receive and integrate sensor data into microcontroller										
Signals/Sensors										
Order and receive IR Sensors										
Analog circuit setup and testing										
NodeMCU & Arduino IDE setup										
Preliminary Arduino code to measure distance										
Connecting sensor to microcontroller and run code										
Order and receive wireless power components										
Sensor module mounting mechanism										
Fully functional sensor modules (3 modules)										
Testing & Integration										
Slack										
Deliverables										
Design Slides (19-Feb)										
Design Report (3-Mar)										
Ethics Assignment (15-Mar)										
Interim Demo (3-Apr)										
Final Presentation Slides (23-Apr)										
Final Poster (TBD)										
Final Video (TBD)										
Final Report (TBD)										
Public Demo (TBD)										

Key

Ian B.	(yellow)
Nat	(blue)
Ian F.	(orange)
Team	(magenta)
Break	(green)