

Quyen Lu – N01265429

**CENG 317** 









#### Introduction



• SEN 11574









# Budget

• SEN-11574: \$48.43

• ADS1015: \$33.89

• 10 copies of PCB: \$38.67

• Enclosure: \$34.00

Subtotal: \$154.99









#### Schedule

D	0	Task Mode	Task Name	Duration	Start	Finish	Predecessors
1	<b>/</b>	*	Project Selection	5 days	Wed 19-09-0	Tue 19-09-1	
2	<b>V</b>	*	Proposal Due	5 days	Wed 19-09-	Tue 19-09-1	1
3	7	*	Sechedule / Inquiring Meeting	5 days	Wed 19-09-18	Tue 19-09-24	2
4		*	Budget Due	5 days	Wed 19-09-2	Tue 19-10-0	3
5		*	Parts Ordered	5 days	Wed 19-10-0	Tue 19-10-0	4
6		*	Showing Acquisition / Check in meeting	5 days	Wed 19-10-09	Tue 19-10-15	5
7		*	Breadboard and PCB designing / Reading Week	10 days	Wed 19-10-16	Tue 19-10-29	6
8		*	Breadboarded Milestone	5 days	Wed 19-10-30	Tue 19-11-05	7
9		*	PCB Soldering	5 days	Wed 19-11-0	Tue 19-11-1	8
10		*	PCB Power Up	5 days	Wed 19-11-:	Tue 19-11-1	9
11		*	Enclosure Due	5 days	Wed 19-11-2	Tue 19-11-2	10
12		*	Presentation	5 days	Wed 19-11-2	Tue 19-12-0	11
13		*	Prototype Acceptance	5 days	Wed 19-12-04	Tue 19-12-10	12
14		*	Build Instructions Du	5 days	Wed 19-12-	Tue 19-12-1	13









## Images

```
File Edit Tabs Help
pi@raspberrypi:~/CENG317 $ python heartbeat.py
BPM: 32
no beats found
BPM: 63
no beats found
no beats found
no beats found
BPM: 136
BPM: 113
no beats found
no beats found
no beats found
BPM: 57
BPM: 64
BPM: 77
BPM: 85
BPM: 96
BPM: 110
BPM: 129
BPM: 155
RPM: 194
```









# Images











## Knowledge

- Electric Circuits TECH 101
- Digital Fundamentals TECH 103
- Technical C TECH 153
- Introduction of Software Engineering CENG 216
- Embedded Systems CENG 252









# Thank you for your attention

Q&A



