

Shadow - Bot

(IEDatron)

Group 32

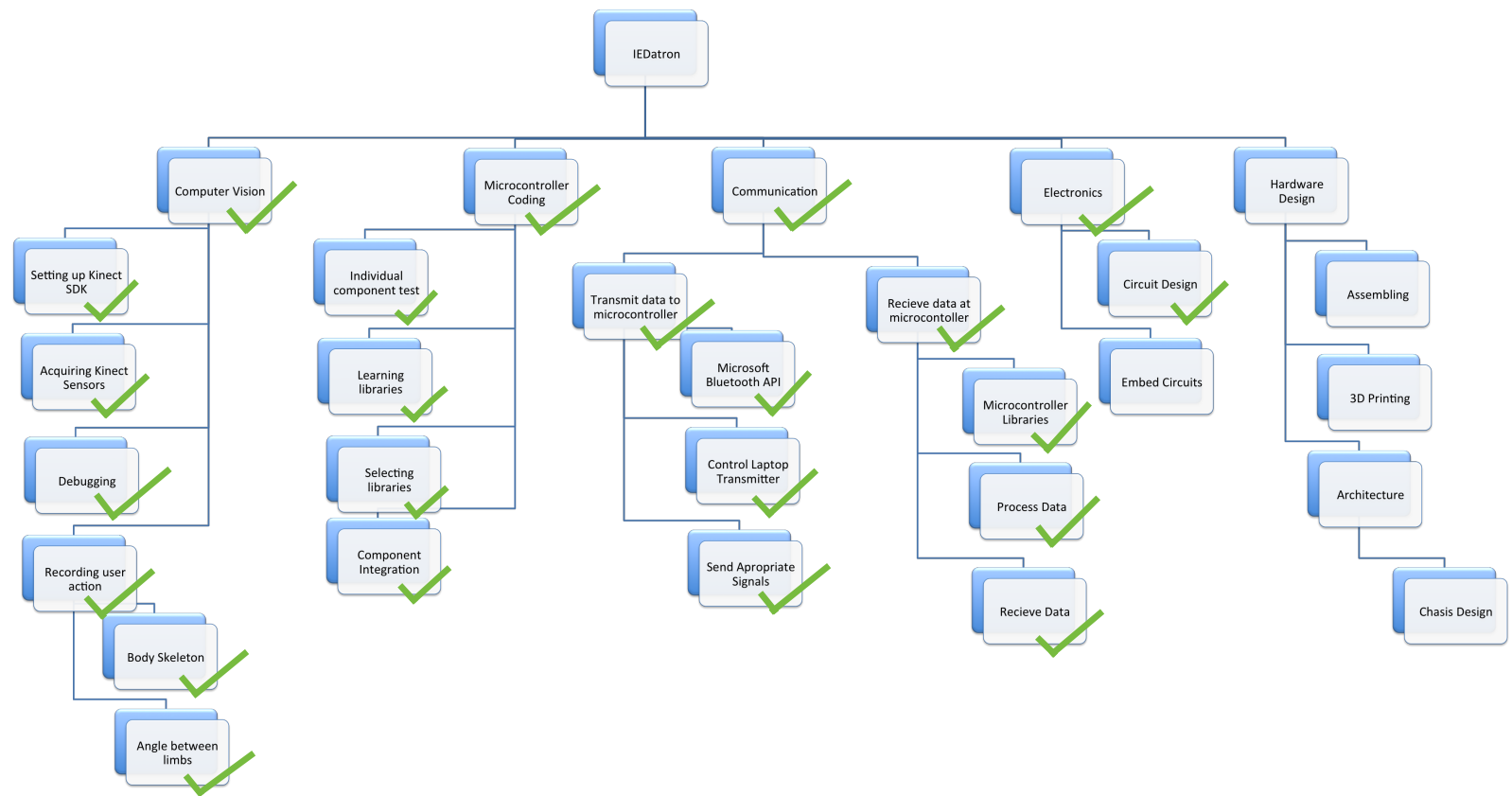
Anant Sharma (2016129)

Aditya Chetan (2016217)

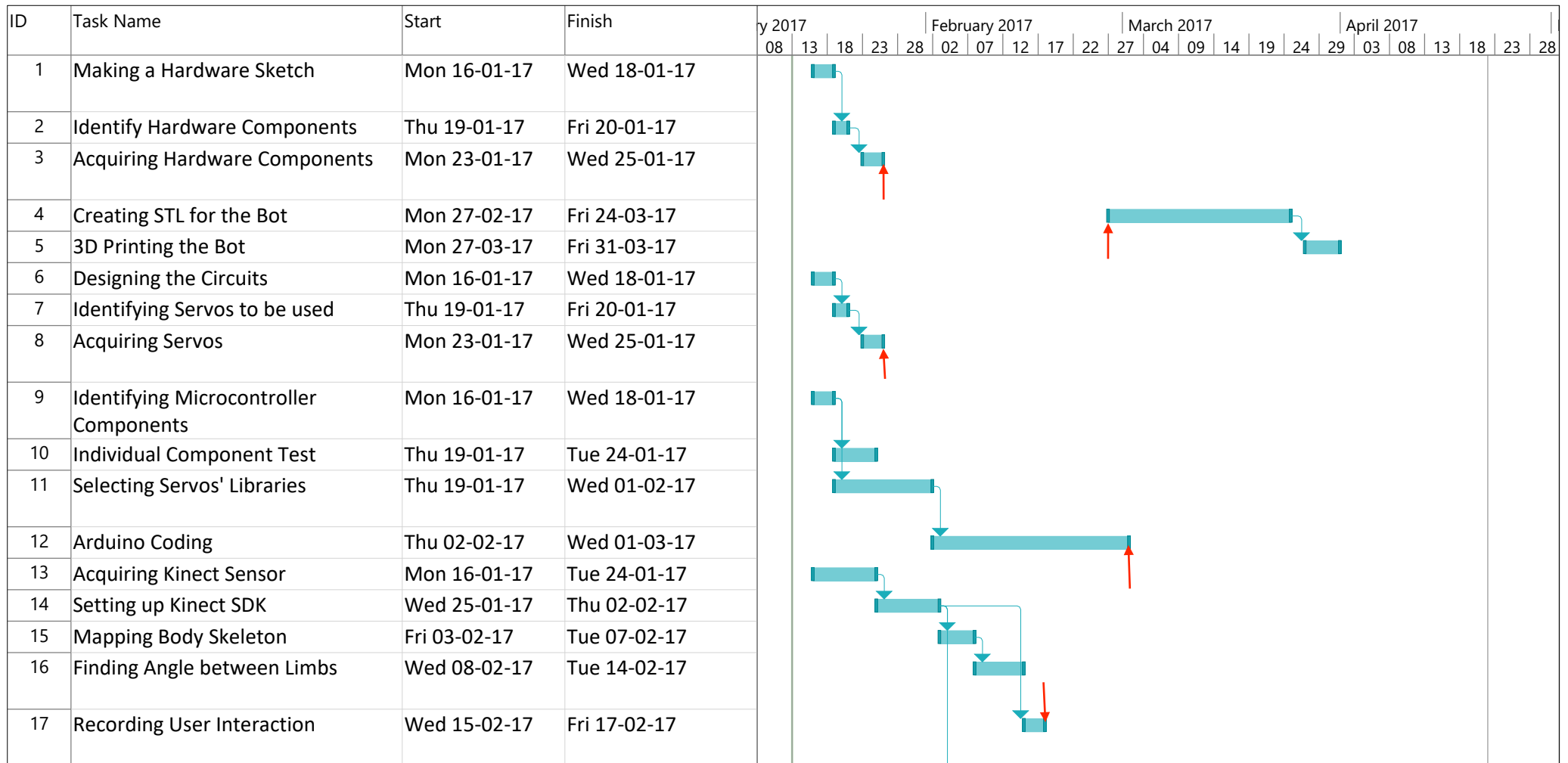
Siddharth Yadav (2016268)

Shwetank Shrey (2016095)

Work Breakdown Structure (WBS)

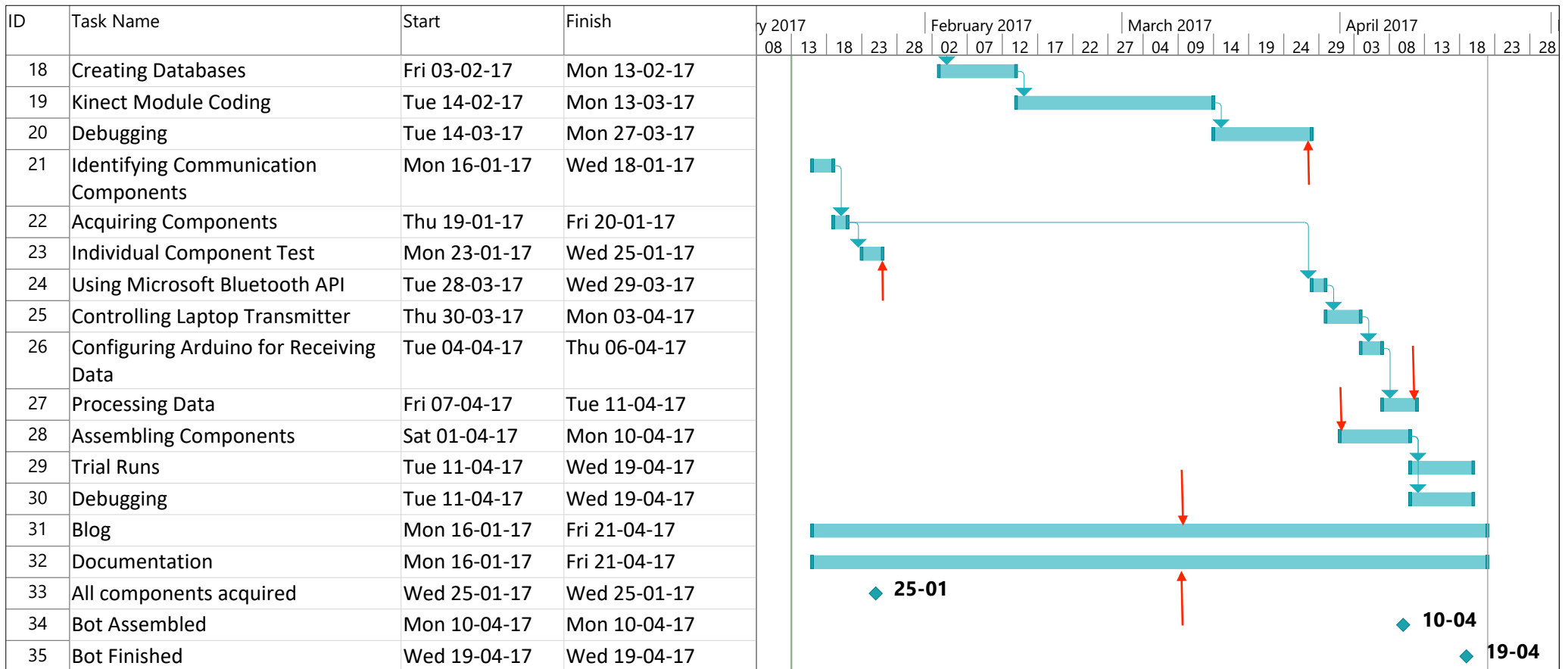


Gantt Diagram






















Project: Project1
Date: Fri 13-01-17

Task		Inactive Summary		External Tasks	
Split		Manual Task		External Milestone	
Milestone		Duration-only		Deadline	
Summary		Manual Summary Rollup		Progress	
Project Summary		Manual Summary		Manual Progress	
Inactive Task		Start-only			
Inactive Milestone		Finish-only			






















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04

Project: Project1 Date: Fri 13-01-17	Task		Inactive Summary		External Tasks	
	Split		Manual Task		External Milestone	
	Milestone		Duration-only		Deadline	
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	Project Summary		Manual Summary		Manual Progress	
	Inactive Task		Start-only			
	Inactive Milestone		Finish-only			

Bill of Materials

S.No.	Item	Qty.	Price (in Rs.)	Cost (in Rs.)	Shipping cost + taxes (in Rs.)	Source
1.	Kinect Sensors	1	6,000.00	0.00	0.00	Borrowed from a senior
2.	Servo Motors (Metal Gear)	4	410.00	1640.00	41.00	Robomart India (Link to item)
3.	Servo Motors (Plastic Gear)	2	300.00	600.00	0.00	Amazon India (Link to Item)
4.	Jumper wires, resistors and capacitors	Multiple	100.00	100.00	0.00	Lajpat Rai market
5.	Lipo Battery	1	1500.00	0.00	0.00	IED Lab
6.	Solder board	2	40.00	80.00	0.00	Lajpat Rai market
7.	HC-05 Bluetooth module	1	280.00	0.00	0.00	IED Lab
8.	Arduino Mega	1	750.00	0.00	0.00	IED Lab
9.	ABS Filament	2 kg **	1,400.00	2,800.00	0.00	EBay India (Link to Item)
10.	Solder Wire	2	94.00	0.00	0.00	IED Lab
Sub-Total				Rs. 5,261		

** : indicates that the amount of the item mentioned is a rough estimate as we have not reached the fabrication stage yet. The amount required for this item may go up or down in the future.

Note:

- Earlier, we were going to use H-Bridges to drive the Servo motors as we thought that the current supplied by the microcontroller would not be sufficient. Then we realised that the Servo motors available to us were basically Servo systems that already included H-Bridges within their cases.
- The amount specified for the ABS filament is a rough estimate as we are not yet at that stage in our project where we have begun fabricating the chassis. Hence, this amount may go up or down.