

Task Name	Duration	Start	Finish	Predecessors	Assigned To	% Complete	Status	Comments
<b>Task decision</b>	2.5d	03/10/17	05/10/17			100%		
collect project ideas	2d	03/10/17	04/10/17		Mitch,Ryan,Xiaoqiao,Ting	100%		
decide project objective	0.5d	05/10/17	05/10/17		Mitch,Ryan,Xiaoqiao,Ting	100%		
<b>Task preparation</b>	7d	05/10/17	14/10/17			100%		
Create project wiki	1d	05/10/17	05/10/17		Mitch	100%		
Research micro-controller	2d	09/10/17	10/10/17		Mitch,Ryan,Xiaoqiao,Ting	100%		
Research temp-sensor	2d	09/10/17	10/10/17		Mitch,Ryan,Xiaoqiao,Ting	100%		
Research PCB	2d	09/10/17	10/10/17		Mitch,Ryan,Xiaoqiao,Ting	100%		
Learn Eagle CAD tool	1d	14/10/17	14/10/17		Mitch,Ryan,Xiaoqiao,Ting	100%		
<b>Write requirement document</b>	3d	16/10/17	18/10/17			100%		
Write draft requirements document	1d	16/10/17	16/10/17		Mitch	100%		
Revise the requirements document	1d	17/10/17	17/10/17		Xiaoqiao, Ting	100%		
Write final requirements document	1d	18/10/17	18/10/17		Ryan	100%		
<b>Create Design Specification</b>	3d	16/10/17	18/10/17			100%		
Write draft design specification	1d	16/10/17	16/10/17		Ryan	100%		
Revise the design specification	1d	17/10/17	17/10/17		Xiaoqiao,Ting	100%		
Write final design specification	1d	18/10/17	18/10/17		Mitch	100%		
<b>Create Project Proposal</b>	3d	16/10/17	18/10/17			100%		
Write draft project proposal	1d	16/10/17	16/10/17		Xiaoqiao,Ting	100%		
Revised project proposal	1d	17/10/17	17/10/17		Ryan	100%		
Write final project proposal	1d	18/10/17	18/10/17		Mitch	100%		
<b>Design circuitry</b>	3d	23/10/17	25/10/17			100%		
Create a circuit schematic	1d	23/10/17	23/10/17		Ting	100%		
Simulate the schematic	1d	23/10/17	23/10/17		Xiaoqiao	100%		
Design the Eagle CAD layout	1d	24/10/17	24/10/17		Ryan	100%		
Create the Eagle CAD model	1d	25/10/17	25/10/17		Mitch	100%		
<b>Order the components</b>	5d	19/10/17	25/10/17			100%		
Identify part	1d	19/10/17	19/10/17		Mitch,Ryan,Xiaoqiao,Ting	100%		
Place order	1d	20/10/17	20/10/17		Mitch	100%		
Receive part	1d	25/10/17	25/10/17		Mitch	100%		
<b>Hardware Fabrication</b>	7d	30/10/17	07/11/17			53%		
Make a circuit board	4d	30/10/17	02/11/17		Mitch	70%		
Soldering	3d	03/11/17	07/11/17		Ryan	30%		
<b>Design Software</b>	12d	29/10/17	13/11/17			43%		
Install the arduino IDE	1d	29/10/17	29/10/17		Xiaoqiao, Ting	100%		
programme the ATtiny 85	5d	30/10/17	03/11/17		Xiaoqiao, Ting	40%		
Load the code to the device	1d	13/11/17	13/11/17		Xiaoqiao, Ting	0%		
<b>Create test cases</b>	5d	20/11/17	24/11/17			0%		
test hardware	1d	20/11/17	20/11/17		Mitch, Ryan	0%		
test software	1d	21/11/17	21/11/17		Xiaoqiao, Ting	0%		
create the high-temp fan work case	1d	23/11/17	23/11/17		Mitch,Ryan,Xiaoqiao,Ting	0%		
create the low-temp fan work case	1d	24/11/17	24/11/17		Mitch,Ryan,Xiaoqiao,Ting	0%		
<b>Prepare Presentation</b>	5d	30/11/17	06/12/17		Mitch,Ryan,Xiaoqiao,Ting	0%		
<b>Code/Document Review</b>	2d	04/12/17	05/12/17		Mitch,Ryan,Xiaoqiao,Ting	0%		