Task Name	Sep 29	Oct 6	Oct 13	Oct 20	Oct 27	Nov 3	Nov 10	Nov 17	Nov 24	Dec 1	Dec 8	Dec 15	Dec 22	Dec 29	Jan 5	Jan 12	Jan 19	Jan 26	Feb 2	Feb 9	Feb 16	Feb 23
Mechanical Design																						
2 Cat food active / deactive																						
3 Gate Design																						
4 Gate Test																						
5 Case design and construction																						
6 Integration of food mechanism																						
7 Design of food framework																						
8 Seating of the food mechanism																						
9 Consolidation and error fixing																						
10																						
11 Electronic Design																						
12 Dog deterring system																						
13 Research on solutions																						
14 Implementation of literature solutions																						
15 Test of the product																						
16 Battery selection and placement																						
17 Selection and testing of the possible battery choices																						
18 Safety and regulation adjustments																						
19 Integration to the system																						
20 Design of power electronics																						
21 Choice of regulators and wiring																						
22 Implementation and system integration of power electronics																						
23 Sensor and microprocessor selection and integration																						
24 Selecting and purchasing true sensors																						
25 Integrating the sensors into the microprocessor																						
26																						
27 Back-end software framework																						
28 Transfer of the data																						
29 Transferring video data																						
30 Communicating between microprocessor and server																						
31 Parameter optimization and testing																						
32 Interface Design																						
33 Camera - Computer Vision Interface																						
34 Database - Website Interface																						
35 User Interface - Website Design																						
36 Design																						
37 Integration and test																						
38																						
39 Computer Vision																						
40 Pre-processing																						
41 Research on pre-processing techniques																						
42 Implementing the pre-processing tecniques																						
43 Integration and testing																						
44 Simple Classification Problem																						
45 Searching for the available repositories																						
46 Tests of the repositories																						
47 Testing on the microprocessor camera data																						
48 Integration into the system and real-time testing																						
49 Identification of the cats																						
50 Literature search and inspection of feature descriptors (SIFT, SURF, etc.)																						
51 Practical implementation of feature descriptors																						
52 Testing of feature based identification on cats																						
53 Integration to the Simple Classification problem and the system																						
54 Advanced Methods (if needed)																						
55																						
56 Preparing the environment																						
57 Installation of the required software to personal computers																						
58 Setting up of the computation server and packages																						