***Schedule / To do list:***

***Items in Green background color are done***

***Items in Red background color are under progress***

1. For prototype:
2. Put ***metal detector*** together and figure out its output
   1. Code for precaution warning
   2. Build our own coil
   3. Test the circuit
3. ~~Figure out~~ ***~~Load cell~~*** ~~and preset a list of time for different ranges of weight~~
   1. ~~How to marginalize load cell reading~~
   2. ~~Figure out load cell amplifier~~
   3. ~~Code for different ranges of weight~~
4. ***LCD display functions***
   1. Standby display of date and time
   2. Display 1- greetings, 2- time adjustment, 3-countdown, 4-warning 5- Recommended time/selected heating program 6- Confirmation buttom
   3. Code for the functions
5. ***API recognition & output (recommended time span for heating program)***
6. … something (which I don't really know (´･ω･｀) )
7. ***Remote controller/ built in controller panel***
   1. Multiple set of heating programs
   2. Figure out how the receiving part works for arduino
8. ***Motion sensor*** for time adjustment
   1. Code for motion detection
   2. Adapt to LCD display functions
9. ***Identification Card***
   1. Use of an IC card to unlock the microwave and gain access to the advanced functions.
10. For final demo:
    1. (UNDefined)