AirWatcher Product BackLog

No.	Feature/Step	Description	Status	Completed by
1	Sensor class	Header and implementation of the Sensor class as described in the specifications.	Complete	Nassreddine (B3108)
2	Measure class	Header and implementation of the Measure class as described in the specifications.	Complete	Nassreddine (B3108)
3	Area class	Header and implementation of the Area class as described in the specifications.	Complete	Nassreddine (B3108)
4	Cleaner class	Header and implementation of the Cleaner class as described in the specifications.	Complete	Crowley (B3108)
5	User class	Header and implementation of the abstract User class as described in the specifications.	Complete	Crowley (B3108)
6	Parsing into Catalogue	Parsing the CSV files into a collection of heterogenous data (Catalogue, see specs folder).	Complete	Crowley (B3108) and Grévaud.
7	Entreprise class	Header and implementation of the Entreprise class as described in the specifications.	Complete	Crowley (B3108)
8	Individual class	Header and implementation of the Area class as described in the specifications.	Complete	Hua (B3108)
9	Air quality metrics by Sensor	Algorithms to calculate metrics based on data extracted from the collection of measures embedded in a sensor object.	Complete	Nassreddine (B3108)
10	Air quality by Area	The algorithm to calculate the average air quality in an Area given a timespan.	Complete	Crowley (B3108)
11	Cleaner impact	Algorithm to calculate the efficiency of a Cleaner given a radius.	Complete	Crowley (B3108)
12	Purified zone	Algorithm to calculate the reach of the impact of a Cleaner given its id.	Complete	Crowley (B3108)
13	Clustering sensors	Algorithm to get the cluster of a given Sensor, i.e a collection of sensors who	Complete	Nassreddine (B3108)
14	Detecting fraudulous data.	Algorithm to scan data input against previous records to assess wether it's likely to be compromised.	Complete	Nassreddine (B3108)
15	User management	Class to manage user types, authentifcation and registering.	Complete	Crowley (B3108)

| 16 | Individual features | Features offered to a user of type individual: inputting own data and getting rewarded for it. | Complete | Hua (B3108) |
| 17 | User Interface | A command-line based UI to interact with the desktop app. | Complete | Crowley, Nassreddine & Hua (B3108) |