I - Definition

We call a **drone** an aircraft without a human pilot onboard. Each drone referenced in this database corresponds to a real drone owned by Eole Eyes.

II - Attributes

II.1 - Definitions

A drone can have the following attributes:

- **drone_model**, the model of the drone. It can be one of the following examples; "F450", "Matrix 600 pro", "Tundra-M", etc.

- **documentation_path**, the path in the MAM where the documentation relative to the drone model can be found.

- **no_payload_flying_duration**, the amount of time the empty (without payload) drone can fly before we have to recharge its batteries.

- **purchased_date**; when the drone was bought.

- **sold_or_broken_date**, if the drone is not used anymore, the date we stopped using it.

II.2 - Description
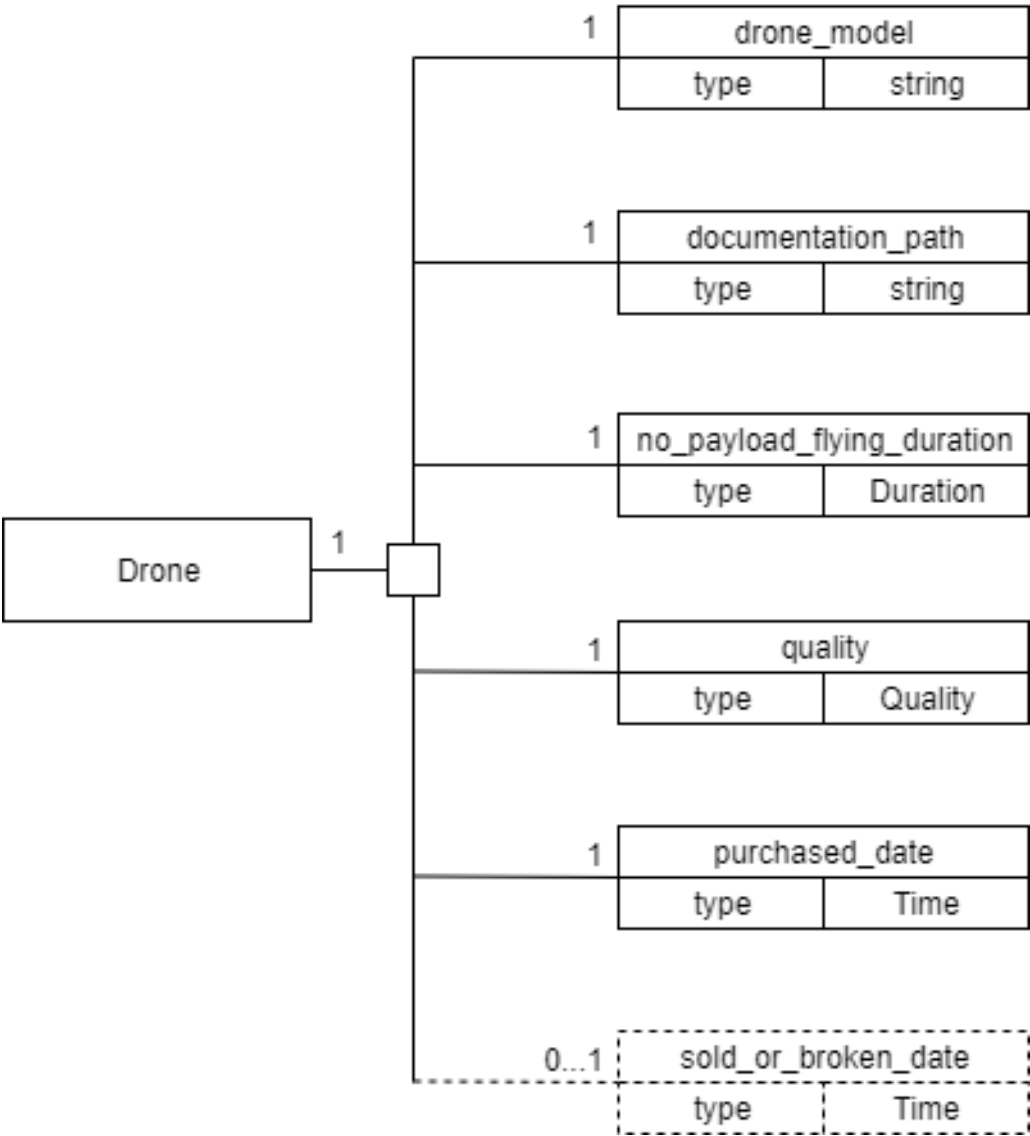
II.2.1 - Graphical representation

Figure 1: Graphical representation of a drone

II.2.2 - Description table

Name	Type	Expected length	Optional	Significant
drone_model	string	∼ 30	No	1
documentation_path	string	-	No	1
no_payload_flying_duration	Duration	-	No	1
quality	Quality	-	No	1
purchased_date	Time	-	No	1
sold_or_broken_date	Time	-	No	1

Table 1: Description table

III - Examples

```
3  { "drone_id" : ObjectId("5bedacdee92e0f1838941fdd"),
4    "drone_model" : "Matrix 600 Pro",
5    "documentation_path" : "/home/eeyes/doc/material/matrix_600_pro.pdf",
6    "no_payload_flying_duration" : "P0Y0M0DT0H35M00,000S",
7    "quality" : 2,
8    "purchased_date" : "2018-12-14T12:00:00,000+02:00",
9    "sold_or_broken_date" : ""}
```

Figure 2: Example of a drone in json