Steps For using application:

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| --- | --- | --- | --- |
| service | method | input | output |
| localhost:8081/drone | POST | {"serialNumber": "66666666",  "model": "lightWeight",  "weightLimit": 500,  "batteryCapacity": "25%",  "state": "LOADED",  "medications": [{"name": "k\_H-",  "weight": 111,  "code":"122","  image":"C:/hadia/private/Project/drone/src/main/resources/images/hope.png"}]  }  Notice :   * the value of the image should the absolute path for the images under the resources/images folder * The model should be one of the attached models:  1. lightweight 2. MiddleWeight   3. CrusierWeight 4. HeavyWeight   * The state should be one of the attached states:  1. IDLE 2. LOADING   3. LOADED 4. DELIVERING  5. RETURNING | json object of the inserted drone and medication object |
| localhost:8081/drone/medications/1 | GET | Takes the id of drone as a path variable | Json object for all the medications of a given drone |
| localhost:8081/drone/loading | GET | No inputs | Json object with all drones with loading state |
| localhost:8081/battery/3 | GET | The id for a the drone as a path variable wanted to know it’s capacity | A String of battery capacity |
| localhost:8081/drone/loaded/medications/2 | GET | The id of the drone as a path variable to get the Medications if it is in loaded state | Json object for the medication in the loaded state if exist |