

Configuration Manual

MSc Research Project
Cloud Computing

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Project Submission Sheet
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Configuration Manual

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1 System Requirements

1.0.1 OS

- Code Running and Training :Windows 10
- Server : Ubuntu

2 Hardware Requirements

2.0.1 Code Running

- 64GB RaM
- 12 GB Grphics Card – Nvidia 3060 RTx
- Intel Core i9 Processor

2.0.2 Server Running

- CPU : GB
- Storage :10 GB

3 Steps to Run:

3.0.1 Training Module

- Step 1: Login to Google Colab
- Step 2: Install the required Packages
- Step 3: Load the Dataset into the Google Drive
- Step 4: Execute the Parking Solution
- Step 5: Save the Pickle File in a Location and copy that location
- Step 6: Execute the ANPR code
- Step 7: Save the Pickle File of the ANPR and copy that location

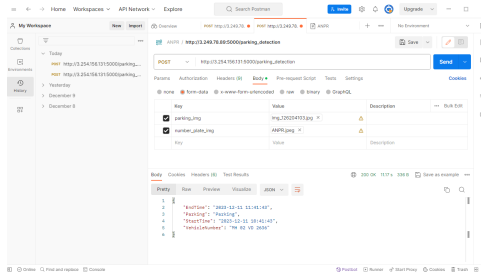


Figure 2: Response of the API

5 References

- Postman Download: <https://www.postman.com/>
- API location: https://api.postman.com/collections/12533933-f786a7d3-5bf4-4db1-b72b-access_key=PMAT-01HH4K4WGVK2H89M2HYPYH1ZKW
- Dataset: <https://public.roboflow.com/object-detection/pklot>
- Google Drive: <https://drive.google.com/drive/u/1/my-drive>

References