Appendix D – Forecast System API Descripton

This appendix has intention to present the API endpoint of the Forecast System.

The picture beneath shows the API endpoint provided by the Forecast System, for the purpose of monitoring only some of them will be needed. DABAI does not have any official documentation for them, therefore the behavior of some of the most used endpoints will be explained here.

```
▶  /client/all/ {1}
▶  /client/ {1}
▶  /client/updateunitkeys/ {1}
▶  /model_info/scores/ {1}
▶  /model_infos/active/ {1}
▶  /model_info/ {1}
▶  /model_metrics/ {1}
▶  /unit_keys/all {1}
▶  /unit_key/ {1}
▶  /model_training/train {1}
▶  /model_training/train/all {1}
▶  /predict/ {1}
▶  /predict/all {1}
▶  /predictions/ {1}
▶  /timeseries/ {1}
▶  /persist/timeseries/ {1}
▶  /feature_info/distribution_scores/ {1}
▶  /feature_info/importances/ {1}
```

/client/all/

Provides a list for all the clients/machine learning applications in the Forecast System.

/unit_keys/all/

Provides a list for all the unit keys/machine learning pipelines for all the clients/machine learning applications in the Forecast System.

/model_infos/

Provides a list for all the trained model objects that satisfies the querying criteria.

/model_metrics/

Provides a list of all the model metrics, that is used for model performance measuring in both training and testing by the Forecast System.

/predictions/

Accepts a datetime interval and a unit key, responds with all the forecast result in that specific period.

/timeseries/

Provides a list of the actual data for a unit in a time interval.