**Steps to Start the Front-End Application**

Prerequisites:

* Go to folder location with below command.

cd /code/src/fontend

* Install node, npm.

npm -i

* Start Application

npm run start

* Assuming the artifactory is Enabled on google console. to enable please refer the steps: <https://cloud.google.com/artifact-registry/docs/docker/store-docker-container-images>
* will open port on 3000

**Steps to Start the Back-End Application:**

Prerequisites:

* Clone the repository.

git clone https://github.com/your-repo.git

cd src/code/FastAPIProject

* Install dependencies.

pip install -r requirements.txt # or pip install -r requirements.txt (for Python)

* Run the project. (port 8000)

python3 main.py # or python app.py

**API Payload Details**

* Call IHUB first use case API

POST <http://127.0.0.1:8000/api/predict>

Content-Type: application/json

{

  "file\_path":"data/test\_data.csv",

  "key\_columns": ["Company","Account","AU","Currency"],

  "criteria\_columns": ["GL Balance","IHub Balance"],

    "derived\_columns": ["Balance Difference"],

    "historic\_columns": ["Account","Secondary Account","Primary Account"],

    "date\_columns": ["As of Date"],

    "usecase\_id": "IHub"

}

* Call Catalyst second use case API

{

    "file\_path":"data/catalyst/test\_anomaly\_testcases\_catalyst.csv",

    "key\_columns": ["TRADEID"],

    "criteria\_columns": ["INVENTORY","CUSIP","TRADE\_DATE","SETTLE\_DATE","BUY\_SELL","PRICE"],

    "historic\_columns": ["INVENTORY","CUSIP"],

    "date\_columns": ["RECONDATE"],

    "usecase\_id": "CATALYST"

}