

FastAPI

[explore the docs](#)

About The Project :

FastAPI is an application interface to serve as the backend for an Asset Performance Analytics Dashboard. This application interacts with a MongoDB database to analyse/ collate data related to various assets' performance.

Built With :

- Node.js
- Express
- Postman
- Mongo DB

Mongo DB Collections :

1. *Assets* : Consists of
 - i. Asset id
 - ii. Asset name
 - iii. Asset type
 - iv. Asset location (consists of street no., city, pincode)
 - v. Date of purchase
 - vi. Initial Cost
 - vii. Operational Cost
2. *Asset Type* : Consists of
 - i. Type id
 - ii. Type description
3. *Operational Status* : Consists of
 - i. Status id
 - ii. Status description
4. *Performance Metrics* : Consists of
 - i. Asset id
 - ii. Uptime
 - iii. Downtime
 - iv. Maintenance cost
 - v. Failure rate
 - vi. Efficiency
5. *User* : Consists of
 - i. User id
 - ii. Password
 - iii. Super User

Data Format : The data format in which the api is tested is : x-www-form-urlencoded

Instruction to Use API:

<https://documenter.getpostman.com/view/33032428/2sA2xcZEmS>