**Technical Documentation**

Code github: <https://github.com/L1TangDingZhen/BOX_P>

**Frontend run:**

cd box\_show

npm install

npm run dev

access service by localhost:3000

**Backend run:**

cd box\_back/box\_back

pip install -r requirements.txt

python manage.py runserver

access service by localhost:8000

**Homepage Website:** [**https://aimls.uk/**](https://aimls.uk/)

User login info:

Manager:

User ID: 3

Password: 333

Worker:

User ID: 1

Password: 111

**Algorithm Upload:**

Web: https://aimls.uk/alg (No need to user login)

The function name need to be place\_items, the first line of function will be def place\_items(items\_data, space\_dimensions):

**Schema check:**

Web: https://aimls.uk/swagger/

Function name: Post /api/task/create/

Such as:

{

"creator\_id": 3,

"worker\_id": 1,

"space\_info": {

"x": 10,

"y": 10,

"z": 10

},

"items": [

{

"name": "1",

"dimensions": {

"x": 1,

"y": 2,

"z": 3

},

"face\_up": true,

"fragile": true

},

{

"name": "2",

"dimensions": {

"x": 4,

"y": 5,

"z": 6

},

"face\_up": false,

"fragile": false

}

]

}