

Design a RESTful API Interface Task List – Order Request

POST <BASE_URL>/api/orders

Request Header:

Content-Type: application/json

Request Body:

```
{
  "order_id": <order_id: str>,
  "created_by": <user_id: str>,
  "status": <status_enum: str>,
  "created_at": <isoformat_timestamp: str>,
  "details": {
    "type": <type_enum: str>,
    "equipment": [
      <equipment1: str>,
      <equipment2: str>,
      <equipment3: str>
    ]
  }
}
```

Design a RESTful API Interface Task List – Order Response

POST <BASE_URL>/api/orders

Response Code:

201 Created

Response Body:

```
{
  "orders": [
    {
      "order_id": <order_id: str>,
      "created_by": <user_id: str>,
      "status": <status_enum: str>,
      "created_at": <isoformat_timestamp: str>,
      "details": {
        "type": <type_enum: str>,
        "equipment": [
          <equipment1: str>,
          <equipment2: str>,
          <equipment3: str>
        ]
      }
    }
  ]
}
```

Design a RESTful API Interface Task List – List Orders

GET <BASE_URL>/api/orders

Request Header:

Content-Type: application/json

Request Body: None

Response Code:

200 OK

Response Body:

```
{
  "orders": [
    {
      "order_id": <order_id: str>,
      "created_by": <user_id: str>,
      "status": <status_enum: str>,
      "created_at": <isoformat_timestamp: str>,
      "details": {
        "type": <type_enum: str>,
        "equipment": [
          <equipment: str> ...
        ]
      }
    }
  ]
}
```