***User registration:***

Input: json data in the body

Ex {

    "user\_name":"man3",

    "password":"123",

    "first\_name":"man3",

    "last\_name":"man3",

    "role\_id":2

}

Output: json data 🡺 {

    "insert\_User\_one": {

        "user\_name": "man3",

        "Password": "$2b$10$7huPQOQGQBpaORBj76ai.ucQKNAqBJmG5xwy4ZypjvKMPGOs88v4K",

        "first\_name": "man3",

        "last\_name": "man3",

        "Role": {

            "role\_name": "manager"

        }

  }

}

***ALL available items:***

Input : … no input

Output : list(array) data 🡺 [

    {

        "item\_name": "chair",

        "item\_number": 1,

        "status": "available",

        "total\_quantity\_avilable": 10,

        "item\_photo": "chair photo",

        "description": "chair 1"

    },

    {

        "item\_name": "chair",

        "item\_number": 2,

        "status": "available",

        "total\_quantity\_avilable": 10,

        "item\_photo": "chair photo",

        "description": "chair 2"

    },

]

***Filter items by name:***

Input: json data in the body

Ex {

     "filter":"tab"

}

Output: json data

Ex {

    "Item": [

        {

            "item\_number": 3,

            "item\_name": "table",

            "item\_photo": "table photo",

            "status": "available",

            "total\_quantity\_avilable": 10,

            "description": "table 1"

        },

        {

            "item\_number": 4,

            "item\_name": "table",

            "item\_photo": "table photo",

            "status": "available",

            "total\_quantity\_avilable": 10,

            "description": "table 3"

        }

    ]

}

***Reset password:***

Input : json data in request body

Ex {

    "newPassword":"1234",

    "conNewPassword":"1234"

}

Output : json data

Ex {

    "update\_User\_by\_pk": {

        "first\_name": "admin",

        "last\_name": "admin",

        "profile\_picture": **null**,

        "email": **null**,

        "department": **null**,

        "Role": {

            "role\_name": "admin"

        }

    }

}

***Update profile:*** Input :json data in the request body ex {

    "first\_name":"em1",

    "last\_name":"em1",

    "email":"test@test.com",

    "phone\_number":"1234567",

    "department":""

}

Output : json data

Ex {

    "update\_User\_by\_pk": {

        "first\_name": "em1",

        "last\_name": "em1",

        "profile\_picture": **null**,

        "email": "test@test.com",

        "department": "",

        "Role": {

            "role\_name": "admin"

        }

    }

}

***Employee making request :***

Input : json data in the request body

{

    "item\_no": "3",

    "item\_name":"chair",

    "quantity\_requested":"1",

    "manager\_username":"man1",

    "employee\_username":"em1"

}

Output: json data

Ex {

    "Your confirmation number": 3768

}

***Requests to be approved by the manager:***

Input : no input

Output: array data

Ex [

    {

        "User": {

            "first\_name": "em1",

            "last\_name": "em1"

        },

        "id": "2bb6373b-3c1b-4648-ba83-511534e15e9e",

        "item\_no": 1,

        "item\_name": "chair",

        "quantity\_requested": 1

    },

    {

        "User": {

            "first\_name": "em1",

            "last\_name": "em1"

        },

        "id": "2b6ebe11-9a0e-446a-bd0f-97960e9382e5",

        "item\_no": 2,

        "item\_name": "chair",

        "quantity\_requested": 1

    },

]

***Manager approving request:***

Input : **url** + **request id** tobe approved at the end of the api request

Ex: [http://localhost:3001/manager/requestToApprove/**2bb6373b-3c1b-4648-ba83-511534e15e9e**](http://localhost:3001/manager/requestToApprove/2bb6373b-3c1b-4648-ba83-511534e15e9e)

Output**:** json data

Ex: {

    "insert\_ManagerAppEmpRequest\_one": {

        "id": "2bb6373b-3c1b-4648-ba83-511534e15e9e",

        "item\_no": 1,

        "item\_name": "chair",

        "quantity\_requested": 1,

        "manager\_username": "man1",

        "employee\_username": "em1",

        "storehead\_username": "storeHead",

        "confirmation\_number": 5023,

        "is\_approved": **false**

    }

}