**Meal Delivery System**

Company decided to build their internal team-lunch system to provide its employees with

the ability to schedule lunches with each other at restaurants around the office that

accommodate their dietary needs. The system administrator populates the system with

restaurants around the office.

**Available APIS**

**Add Menu**

POST /menu/

**Request:**

Request:

{

"item\_name": "rice",

"price": 10,

"category": "VEG",

"event": "add"

}

Available Categories: VEG, VEGAN, MEAT, FISH, CHICKEN

**Response:**

Code: 200

{

"menu": {

"event": "add",

"status":"success"

}

}

**Remove Menu**

POST /menu/

**Request:**

Request:

{

"item\_name": "rice",

"price": 10,

"category": "VEG",

"event": "remove"

}

Available Categories: VEG, VEGAN, MEAT, FISH, CHICKEN

**Response:**

Code: 200

{

"menu":

{

"status": "success",

"event": "add"

}

}

**Update Menu**

POST /menu/

**Request:**

Request:

{

"item\_name": "white-rice",

"price": 10,

"category": "VEG",

"old\_item\_name": "rice",

"event": "edit"

}

Available Categories: VEG, VEGAN, MEAT, FISH, CHICKEN

**Response:**

Code: 200

{

"menu": {

"event": "edit",

"status":"success"

}

}

**Add Team for Employees**

POST /team/

**Request:**

Request:

{

"team\_name": "data-sciece",

"event": "add"

}

**Response:**

Code: 200

{

"team": {

"status":"success",

"event": "add"

}

}

**Delete Team for Employees**

POST /team/

**Request:**

Request:

{

"team\_name": "data-sciece",

"event": "delete"

}

**Response:**

Code: 200

{

"team": {

"status":"success",

"event": "delete"

}

}

**Add Employees**

POST /employee/

**Request:**

Request:

{

'emp\_name':'anu',

'food\_tag': 'VEG',

'team\_name': 'data\_science',

'team\_id':1,

'event': 'add'

}

**Response:**

Code: 200

{

"empoyee": {

"status":"success",

"event": "add"

}

}

**Delete Employees**

POST /employee/

**Request:**

Request:

{

'emp\_name':'anu',

'food\_tag': 'VEG',

'team\_name': 'data\_science',

'team\_id':1,

'event': 'delete'

}

**Response:**

Code: 200

{

"empoyee": {

"status":"success",

"event": "delete"

}

}

**Update/Edit Employee Details:**

POST /employee/

**Request:**

Request:

{

'emp\_name':'anu',

'food\_tag': 'VEG',

'team\_name': 'data\_science',

'team\_id':1,

'event': 'edit'

}

**Response:**

Code: 200

{

"employee": {

"status":"success",

"event": "edit"

}

}

**Add Restaurant:**

POST /restaurant/

**Request:**

Request:

{

'res\_name':'Anu',

'food\_tag': 'VEG',

'menu\_id':4,

'event': 'add'

}

**Response:**

Code: 200

{

"restaurant": {

"status": "success",

"event": "add"

}

}

**Delete restaurant**

POST /restaurant/

**Request:**

Request:

{

'res\_name':'Anu',

'food\_tag': 'VEG',

'menu\_id':4,

'event': 'delete'

}

**Response:**

Code: 200

{

"restaurant": {

"status":"success",

"event": "delete"

}

}

**Edit restaurant**

POST /restaurant/

**Request:**

Request:

{

'res\_name':'Anu',

'food\_tag': 'VEG',

'menu\_id':4,

'old\_res\_name': 'res\_name'

'event': 'edit'

}

**Response:**

Code: 200

{

"restaurant": {

"status":"success",

"event": "edit"

}

}

**Random Lunch:**

POST /random\_lunch/

**Request:**

Request:

{

'team\_id':1

}

**Response:**

Code: 200

{

"random\_lunch":

{

"status": "success",

"result": [[4, "Anu", "VEG", 4],

[5, "Anoop", "VEG", 4]]

}

}

**Paid Lunch:**

POST /paid\_lunch/

**Request:**

Request:

{

'team\_id':1,

'total\_budget': 10

}

**Response:**

Code: 200

{

"random\_lunch": {

"status": "success",

"result": {

"menu": [[4, "rice", 10, "VEG"], [5, "rice", 10, "VEG"], [6, "rice", 10, "VEG"], [7, "rice", 10, "VEG"], [8, "rice", 10, "VEG"], [9, "rice", 10, "VEG"], [10, "rice", 10, "VEG"], [11, "rice", 10, "VEG"], [12, "rice", 10, "VEG"], [13, "rice", 10, "VEG"], [14, "rice", 10, "VEG"], [15, "rice", 10, "VEG"], [16, "rice", 10, "VEG"], [17, "rice", 10, "VEG"], [18, "rice", 10, "VEG"], [19, "rice", 10, "VEG"]],

"restaurant": [[4, "Anu", "VEG", 4], [5, "Anoop", "VEG", 4]]

}

}

}

**Get Teams:**

GET /get\_teams/

**Request:**

Request:

{

'event': 'get\_teams'

}

**Response:**

Code: 200

{

"get\_teams": {

"status": "success",

"result": [[1, "data\_science"]]

}

}

**Get Employees:**

GET /get\_employees/

**Request:**

Request:

{

'event': 'get\_employees'

}

**Response:**

Code: 200

{

"get\_employees": {

"status": "success",

"result": [[2, "anu", "VEG", "data\_science", 1], [3, "anp", "VEG", "data\_science", 1], [4, "deepu", "VEG", "data\_science", 1], [5, "namratha", "VEGAN", "data\_science", 1]]

}

}

**Get Restaurants:**

GET /get\_restaurants/

**Request:**

Request:

{

'event': 'get\_restaurants’

}

**Response:**

Code: 200

{

"get\_restaurants": {

"status": "success",

"result": [[4, "Anu", "VEG", 4], [5, "Anoop", "VEG", 4]]

}

}