

API URL: http://207.154.206.64/
Admin Panel URL: http://207.154.206.64/admin/
Admin u/p : admin / fbltum2017

Basic Authentication:

- **Header name:** "Authorization"
- **Value:** "basic Base64encode('email:password')"
- E.g Header for email:password = "sahil.kalra@tum.com:fbltum"

```
{  
    "key": "Authorization",  
    "value": "Basic c2FoaWwua2FscmFAdHVtLmNvbTpmYmx0dW0="
```
- This is the standard way to do basic authentication

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API Details:

1. All preferences

URL: [/api/preferences/all/](#)

Method: GET

Response Code: 200

Response:

```
[
  {
    "id": 1,
    "slug": "pork",
    "name": "Pork"
  },
  {
    "id": 2,
    "slug": "non-vegetarian",
    "name": "Non Vegetarian"
  },
  {
    "id": 3,
    "slug": "low-fat",
    "name": "Low Fat"
  },
  {
    "id": 4,
    "slug": "high-vitamin",
    "name": "High vitamin"
  },
  {
    "id": 5,
    "slug": "high-protein",
    "name": "High Protein"
  },
  {
    "id": 6,
    "slug": "eat-vegetarian",
    "name": "Eat vegetarian"
  }
]
```

]

2. User Preferences:

URL: </api/preferences/>

Method: GET

Response Code: 200

Response:

```
[
  {
    "id": 2,
    "slug": "non-vegetarian",
    "name": "Non Vegetarian"
  },
  {
    "id": 5,
    "slug": "high-protein",
    "name": "High Protein"
  },
  {
    "id": 6,
    "slug": "eat-vegetarian",
    "name": "Eat vegetarian"
  }
]
```

URL: </api/preferences/>

Method: POST

POST DATA:

```
{
  "preferences": [
    {
      "slug": "eat-vegetarian"
    },
    {
      "slug": "high-protein"
    }
  ]
}
```

Response: # All preferences of User

Response Code: 201

```
[
  {
    "id": 2,
    "slug": "non-vegetarian",
    "name": "Non Vegetarian"
  },
  {
    "id": 5,
    "slug": "high-protein",
    "name": "High Protein"
  },
  {
    "id": 6,
```

```

    "slug": "eat-vegetarian",
    "name": "Eat vegetarian"
  }
]

```

3. Event Matches: (Deprecated, use all events api instead)

URL: [/api/events/matches/](#)

Query params:

1. **Date:** Date of event
2. **Start_at:** Date time
3. **End_at:** end time
4. **Preferences:** list of food preferences

E.g

?start_at=28-06-2017%2012:30:00&end_at=28-06-2017%2013:30:00&location=<id>&preferences=low-fat&preferences=high-protein

Method: GET

Response Code: 200

Response:

```

[
  {
    "id": 2,
    "title": "Indian Food",
    "description": "We eat Indian food on wednesday",
    "start_at": "28-06-2017 12:30:00",
    "end_at": "28-06-2017 13:30:00",
    "created_at": "25-06-2017 12:42:59",
    "capacity": 10,
    "user_id": "1",
    "location": {
      "id": 1,
      "name": "TUM Kitchen 1",
      "description": "",
      "is_public": true,
      "created_at": "25-06-2017 12:35:36"
    },
    "creator": "1",
    "num_members": 2,
    "members": [],
    "shoppingitems": [],
    "meals": [],
    "messages": [],
    "preferences": [
      {
        "id": 6,
        "slug": "eat-vegetarian",
        "name": "Eat vegetarian"
      },
      {
        "id": 4,
        "slug": "high-vitamin",
        "name": "High vitamin"
      }
    ]
  }
]

```

```
}  
]
```

4. Events:

URL: /api/[events](#)/all/

Query_params excepted:

1. campus: Campus of the event
2. start_at: start datetime
3. end_at: end datetime
4. preferences: list of food preferences

e.g.

?start_at=28-06-2017%2012:30:00&end_at=28-06-2017%2013:30:00&campus=<id>&preferences=low-fat&preferences=high-protein

Returns all the available events

Method: GET

Response Code: 200

Response:

```
[  
  {  
    "id": 2,  
    "title": "Indian Food",  
    "description": "We eat Indian food on wednesday",  
    "start_at": "28-06-2017 12:30:00",  
    "end_at": "28-06-2017 13:30:00",  
    "created_at": "25-06-2017 12:42:59",  
    "capacity": 10,  
    "user_id": "1",  
    "location": {  
      "id": 1,  
      "name": "TUM Kitchen 1",  
      "description": "",  
      "is_public": true,  
      "created_at": "25-06-2017 12:35:36"  
    },  
    "creator": "1",  
    "num_members": 2,  
    "preferences": [  
      {  
        "id": 6,  
        "slug": "eat-vegetarian",  
        "name": "Eat vegetarian"  
      },  
      {  
        "id": 4,  
        "slug": "high-vitamin",  
        "name": "High vitamin"  
      }  
    ],  
    "members": [],  
    "shoppingitems": [],  
    "meals": [],  
    "messages": []  
  }  
]
```

```
]
```

URL: [/api/events/](#)

Returns all the events of a user

Method: GET

Response Code: 200

Response:

```
[
  {
    "id": 2,
    "title": "Indian Food",
    "description": "We eat Indian food on wednesday",
    "start_at": "28-06-2017 12:30:00",
    "end_at": "28-06-2017 13:30:00",
    "created_at": "25-06-2017 12:42:59",
    "capacity": 10,
    "user_id": "1",
    "location": {
      "id": 1,
      "name": "Private Kitchen 1",
      "description": "",
      "is_public": true,
      "campus": null,
      "created_at": "25-06-2017 12:35:36"
    },
    "creator": "1",
    "num_members": 2,
    "preferences": [
      {
        "id": 6,
        "slug": "eat-vegeterian",
        "name": "Eat vegeterian"
      },
      {
        "id": 4,
        "slug": "high-vitamin",
        "name": "High vitamin"
      }
    ],
    "members": [],
    "shoppingitems": [],
    "meals": [],
    "messages": []
  }
]
```

URL: [/api/events/](#)

Create a new Event

Method: POST

POST DATA:

```
{
  "title": "Italian Food",
  "desciption": "Italian food in Thursday",
  "start_at": "29-06-2017 12:30:00",
```

```

        "end_at": "29-06-2017 12:30:00",
        "capacity": 5,
        "location": 1           # ID of location
        "preferenceids": [1, 3, 5] # Food Preference IDs. Not Mandatory
    }

```

Response Code: 201

Response:

```

{
  "id": 7,
  "title": "Italian Food",
  "description": "",
  "start_at": "29-06-2017 12:30:00",
  "end_at": "29-06-2017 12:30:00",
  "created_at": "25-06-2017 15:02:31",
  "capacity": 5,
  "user_id": "1",
  "location": {
    "id": 1,
    "name": "TUM Kitchen MW 1",
    "description": "",
    "is_public": true,
    "campus": {
      "id": 1,
      "name": "TUM Garching",
      "description": ""
    }
  },
  "created_at": "25-06-2017 12:35:36"
},
"creator": "1",
"members": [
  "1"
],
"num_members": 1,
"shoppingitems": [],
"meals": [],
"messages": [],
"preferences": [
  {
    "id": 1,
    "slug": "pork",
    "name": "Pork"
  },
  {
    "id": 3,
    "slug": "low-fat",
    "name": "Low Fat"
  },
  {
    "id": 5,
    "slug": "high-protein",
    "name": "High Protein"
  }
]

```

```
}
```

URL: /api/events/<id>/

Method: GET

Response Code: 200

Response:

```
{
  "id": 2,
  "title": "Indian Food",
  "description": "We eat Indian food on wednesday",
  "start_at": "28-06-2017 12:30:00",
  "end_at": "28-06-2017 13:30:00",
  "created_at": "25-06-2017 12:42:59",
  "capacity": 10,
  "user_id": "1",
  "location": {
    "id": 1,
    "name": "TUM Kitchen 1",
    "description": "",
    "is_public": true,
    "created_at": "25-06-2017 12:35:36"
  },
  "campus": {
    "id": 1,
    "name": "TUM Garching",
    "description": ""
  },
  "creator": "1",
  "preferences": [
    {
      "id": 6,
      "slug": "eat-vegetarian",
      "name": "Eat vegetarian"
    },
    {
      "id": 4,
      "slug": "high-vitamin",
      "name": "High vitamin"
    }
  ],
  "members": [
    "3",
    "4"
  ],
  "num_members": 2,
  "shoppingitems": [
    {
      "id": 1,
      "name": "Wheat flour",
      "created_at": "25-06-2017 12:42:59",
      "creator": "1"
    },
    {

```



```

        "id": 2,
        "name": "Spices",
        "created_at": "25-06-2017 12:42:59",
        "creator": "2"
    }
],
"meals": [
    {
        "id": 1,
        "name": "Rice and Dal",
        "created_at": "25-06-2017 12:42:59",
        "creator": "1"
    },
    {
        "id": 2,
        "name": "Nan with Gravy",
        "created_at": "25-06-2017 12:42:59",
        "creator": "2"
    }
],
"messages": [
    {
        "id": 1,
        "name": "Wheat flour",
        "created_at": "25-06-2017 12:42:59",
        "creator": "1"
    },
    {
        "id": 2,
        "name": "Spices",
        "created_at": "25-06-2017 12:42:59",
        "creator": "2"
    }
]
}

```

URL: [/api/events/<id>/](#)

Edit an Event with id <id>

Method: PUT

PUT DATA:

```

{
    "title": "Italian Food",
    "description": "Italian food in Thursday",
    "start_at": "29-06-2017 11:30:00",
    "end_at": "29-06-2017 12:30:00",
    "capacity": 5,
    "location": 1                # ID of location
    "preferenceids": [1,3,5]    # Food Preference ids. Not Mandatory. Will over-ride old preferences
}

```

Response Code: 201

Response:

```

{
    "id": 8,

```

```

    "title": "Italian Food",
    "description": "",
    "start_at": "29-06-2017 11:30:00",
    "end_at": "29-06-2017 12:30:00",
    "created_at": "29-06-2017 00:06:59",
    "capacity": 5,
    "user_id": "1",
    "location": {
      "id": 1,
      "name": "TUM Kitchen MW 1",
      "description": "",
      "is_public": true,
      "created_at": "25-06-2017 12:35:36"
    },
    "Creator": "1",
    "members": [
      "1"
    ],
    "num_members": 1,
    "shoppingitems": [],
    "meals": [],
    "messages": [],
    "preferences": []
  }
}

```

URL: [/api/events/<event_id>/join/](#)

Join an event with id <event_id>

Method: POST

POST DATA:

```

{
  "datetime": "28-06-2017 12:30:00" # Some placeholder data so we don't make empty POST
# request, Its not used anywhere
}

```

Response Code: 201

Response:

```

{
  "id": "5",
  "name": "Mickey"
}

```

URL: [/api/events/<event_id>/leave/](#)

Leave an event with id <event_id>

Method: POST

POST DATA:

```

{
  "datetime": "28-06-2017 12:30:00" # Some placeholder data so we don't make empty POST
# request, Its not used anywhere
}

```

Response Code: 204

URL: [/api/events/<event_id>/](#)

Delete an event with id <event_id>

Method: DELETE

Response Code: 204

5. Location:

URL: /api/events/locations/all/

Returns all public locations

Method: GET

Response Code: 200

Response:

```
[
  {
    "id": 1,
    "name": "TUM Kitchen MW 1",
    "description": "",
    "is_public": true,
    "created_at": "25-06-2017 12:35:36"
  },
  {
    "id": 2,
    "name": "TUM Kitchen MI 1",
    "description": "",
    "is_public": true,
    "created_at": "25-06-2017 14:23:07"
  }
]
```

URL: /api/events/locations/

Create a new private Location

Method: POST

POST DATA:

```
{
  "name": "MY private Kitchen",
  "description": "Kitchen at my house"
  "campus": 1           # Campus Id. Not mandatory
}
```

Response Code: 201

Response:

```
{
  "id": 3,
  "name": "MY private Kitchen",
  "description": "Kitchen at my house",
  "is_public": false,
  "campus": {
    "id": 1,
    "name": "TUM Garching",
    "description": ""
  }
  "created_at": "25-06-2017 15:01:05"
}
```

URL: /api/events/locations/

Returns all private event locations

Method: GET

Response Code: 200

Response:

```
[
  {
    "id": 3,
    "name": "MY private Kitchen",
    "description": "Kitchen at my house",
    "is_public": false,
    "created_at": "25-06-2017 15:01:05"
  }
]
```

6. Campus:

URL: /api/events/campuses/

Returns all Campuses

Method: GET

Response Code: 200

Response:

```
[
  {
    "id": 1,
    "name": "TUM Garching",
    "description": ""
  },
  {
    "id": 2,
    "name": "TUM Main Campus",
    "description": ""
  }
]
```

7. Messages:

URL: /api/events/<id>/messages/

Returns all messages of the Event

Method: GET

Response Code: 200

Response:

```
[
  {
    "id": 6,
    "text": "Hello everyone",
    "user_id": "1",
    "event": 26,
    "creator": "1"
  },
  {
    "id": 7,
    "text": "Winter is Coming",
    "user_id": "1",
    "event": 26,
    "creator": "1"
  }
]
```

```
    },
    {
      "id": 8,
      "text": "Winter is Coming",
      "user_id": "1",
      "event": 26,
      "creator": "1"
    }
  ]
```

URL: /api/events/<id>/messages/

Create a New Message

Method: POST

POST DATA:

```
{
  "text": "Winter is Coming"      # Message Text
}
```

Response Code: 201

Response:

```
{
  "id": 9,
  "text": "Winter is Coming",
  "user_id": "1",
  "event": 26,
  "Creator": "1"
}
```

URL: /api/events/messages/<id>/

GET Details of a message

METHOD: GET

Response Code: 200

Response:

```
{
  "id": 9,
  "text": "Winter is Coming",
  "user_id": "1",
  "event": 26,
  "Creator": "1"
}
```

URL: /api/events/messages/<id>/

Delete a Message from the Event

Method: DELETE

Response Code: 204

8. Meals:

URL: /api/events/<id>/meals/

Returns all meals of the Event

Method: GET

Response Code: 200

Response:

```
[
```

```

{
  "id": 4,
  "name": "Meal 1",
  "created_at": "09-07-2017 11:58:32",
  "event": 26,
  "meal_id": "5",
  "creator": "1",
  "voters": [],
  "votes": 0
},
{
  "id": 5,
  "name": "Meal 1",
  "created_at": "09-07-2017 11:58:57",
  "event": 26,
  "meal_id": "5",
  "creator": "1",
  "voters": [
    "1"
  ],
  "votes": 1
}
]

```

URL: /api/events/<id>/meals/

Create a new meal for the Event

Method: POST

POST DATA:

```

{
  "name": "Meal 1",
  "meal_id": 5
}

```

Response Code: 201

Response:

```

{
  "id": 5,
  "name": "Meal 1",
  "created_at": "09-07-2017 11:58:57",
  "event": 26,
  "meal_id": "5",
  "creator": "1",
  "voters": [],
  "votes": 0
}

```

URL: /api/events/meals/<id>/

GET Details of a meal

METHOD: GET

Response Code: 200

Response:

```

{
  "id": 5,
  "name": "Meal 1",

```

```
"created_at": "09-07-2017 11:58:57",
"event": 26,
"meal_id": "5",
"creator": "1",
"voters": [
  "1"
],
"votes": 1
}
```

URL: /api/events/meals/<id>/
Delete a Meal from the Event
Method: DELETE
Response Code: 204

URL: /api/events/meals/<id>/vote/
Add / Remove a Vote for the Meal
Method: POST
POST DATA:
{
 "vote": true/false
}

9. ShoppingItems:

URL: /api/events/<id>/shoppingitems/
Returns all shopping items of the Event
Method: GET
Response Code: 200
Response:

```
[
  {
    "id": 3,
    "name": "Spegheti",
    "created_at": "09-07-2017 12:17:38",
    "event": 26,
    "amount": "1.25",
    "bringer": null
    "creator": "1"
  },
  {
    "id": 4,
    "name": "Onions",
    "created_at": "09-07-2017 12:18:00",
    "event": 26,
    "amount": "1.25",
    "bringer": null
    "creator": "1"
  }
]
```

URL: /api/events/<id>/shoppingitems/

Create a new Shopping Item for the Event

Method: POST

POST DATA:

```
{
  "name": "Onions",
  "amount": "1.25"
}
```

Response Code: 201

Response:

```
{
  "id": 4,
  "name": "Onions",
  "created_at": "09-07-2017 12:18:00",
  "event": 26,
  "amount": "1.25",
  "bringer": null,
  "creator": "1"
}
```

URL: /api/events/shoppingitems/<id>/

GET Details of a shopping item

METHOD: GET

Response Code: 200

Response:

```
{
  "id": 4,
  "name": "Onions",
  "created_at": "09-07-2017 12:18:00",
  "event": 26,
  "amount": "1.25",
  "bringer": null,
  "creator": "1"
}
```

URL: /api/events/shoppingitems/<id>/

Delete a Shopping item from the Event

Method: DELETE

Response Code: 204

URL: /api/events/shoppingitems/<id>/bring/

User Mark ShoppingItem as bringing

Method: POST

POST DATA:

```
{
  "bring": true/false
}
```

Response Code: 200

Reponse:

```
{
  "id": 9,
  "name": "tomato1",
  "created_at": "11-07-2017 11:29:12",
  "event": 26,
}
```



```
"amount": "4.54",  
"creator": "1",  
"bringer": 1  
}
```