

1. Signup Endpoint

Method: POST

URL: <https://nutritrack-o4yuwhvnxa-et.a.run.app/api/signup>

Body:

json

Copy code

```
{  
  "fullName": "John Doe",  
  "email": "johndoe@example.com",  
  "password": "password123"  
}
```

Response:

json

Copy code

```
{  
  "message": "Pendaftaran berhasil!",  
  "userId": "60b8d2950e7b6a3a4c8a9f4e"  
}
```

2. Login Endpoint

Method: POST

URL: <https://nutritrack-o4yuwhvnxa-et.a.run.app/api/login>

Body:

json

Copy code

```
{  
  "email": "johndoe@example.com",  
  "password": "password123"  
}
```

Response:

json

Copy code

```
{  
  "message": "Login berhasil!",  
  "userId": "60b8d2950e7b6a3a4c8a9f4e"  
}
```

3. Search Food Endpoint (GET)

Method: GET

URL: https://nutritrack-o4yuwhvnxa-et.a.run.app/api/search_food?q=

Response:

json

Copy code

```
[
  { "id": 1, "name": "Mie Ayam", "calories": 1035, "fat": 14.92, "carbs": 19.55, "protein": 24.01 },
  { "id": 2, "name": "Mie Ayam bakso", "calories": 1035, "fat": 14.92, "carbs": 19.55, "protein": 24.01 },
  { "id": 3, "name": "Mie Ayam ceker", "calories": 1035, "fat": 14.92, "carbs": 19.55, "protein": 24.01 },
  { "id": 4, "name": "Mie Ayam jamur", "calories": 1035, "fat": 14.92, "carbs": 19.55, "protein": 24.01 }
]
```

4. Search Food Endpoint (POST)

Method: POST

URL: https://nutritrack-o4yuwhvnxa-et.a.run.app/api/search_food

Body:

json

Copy code

```
{
  "query": "mie"
}
```

Response:

json

Copy code

```
[
  { "id": 1, "name": "Mie Ayam", "calories": 1035, "fat": 14.92, "carbs": 19.55, "protein": 24.01 },
  { "id": 2, "name": "Mie Ayam bakso", "calories": 1035, "fat": 14.92, "carbs": 19.55, "protein": 24.01 },
  { "id": 3, "name": "Mie Ayam ceker", "calories": 1035, "fat": 14.92, "carbs": 19.55, "protein": 24.01 },
  { "id": 4, "name": "Mie Ayam jamur", "calories": 1035, "fat": 14.92, "carbs": 19.55, "protein": 24.01 }
]
```

5. Food Details Endpoint (GET)

Method: GET

URL: https://nutritrack-o4yuwhvnxa-et.a.run.app/api/food_details/56 (masukan nomor makanan berdasarkan data ML)

Response:

json

Copy code

```
{
  "id": 1,
  "name": "Mie Ayam",
  "calories": 1035,
  "fat": 14.92,
  "carbs": 19.55,
  "protein": 24.01
}
```

6. Food Details Endpoint (POST)

Method: POST

URL: https://nutritrack-o4yuwhvnxa-et.a.run.app/api/food_details

Body:

json

Copy code

```
{
  "id": 1
}
Response:
json
Copy code
{
  "id": 1,
  "name": "Mie Ayam",
  "calories": 1035,
  "fat": 14.92,
  "carbs": 19.55,
  "protein": 24.01
}
```

7. Add Food Intake Endpoint

Method: POST

URL: <https://nutritrack-o4yuwhvnx-et.a.run.app/api/foodIntake>

Body:

json

Copy code

```
{
  "userId": "60b8d2950e7b6a3a4c8a9f4e",
  "foodName": "Mie Ayam",
  "calories": 1035
}
```

Response:

json

Copy code

```
{
  "_id": "60b8d2950e7b6a3a4c8a9f4e",
  "userId": "60b8d2950e7b6a3a4c8a9f4e",
  "foodName": "Mie Ayam",
  "calories": 1035,
  "date": "2023-06-12T00:00:00.000Z",
  "__v": 0
}
```

8. Get Food Intake by User ID Endpoint

Method: GET

URL: <https://nutritrack-o4yuwhvnx-et.a.run.app/api/foodIntake/<userId>>

Response:

json

Copy code

```
[
  {
    "_id": "60b8d2950e7b6a3a4c8a9f4e",
    "userId": "60b8d2950e7b6a3a4c8a9f4e",
    "foodName": "Mie Ayam",
    "calories": 1035,
    "date": "2023-06-12T00:00:00.000Z",
    "__v": 0
  }
]
```

9. API Models ML

Endpoint : <https://ml-api-o4yuwhvnxa-et.a.run.app/api/models>

Method: POST

Request Body:

```
{
  "module": "keras",
  "class_name": "Sequential",
  "config": {
    "name": "sequential_1",
    "trainable": true,
    "dtype": "float32",
    "layers": [
      {
        "module": "keras.layers",
        "class_name": "InputLayer",
        "config": {
          "batch_shape": [null, 4],
          "dtype": "float32",
          "sparse": false,
          "name": "input_layer_1"
        }
      },
      {
        "module": "keras.layers",
        "class_name": "Dense",
        "config": {
          "name": "dense_3",
          "trainable": true,
          "dtype": "float32",
          "units": 128,
          "activation": "relu",
          "use_bias": true,
          "kernel_initializer": {
            "module": "keras.initializers",
            "class_name": "GlorotUniform",
            "config": {"seed": null}
          },
          "bias_initializer": {
            "module": "keras.initializers",
            "class_name": "Zeros",
            "config": {}
          }
        }
      }
    ]
  },
  {
    "module": "keras.layers",
    "class_name": "Dense",
    "config": {
      "name": "dense_4",
      "trainable": true,
      "dtype": "float32",
      "units": 32,
      "activation": "relu",
```

```

        "use_bias": true,
        "kernel_initializer": {
            "module": "keras.initializers",
            "class_name": "GlorotUniform",
            "config": {"seed": null}
        },
        "bias_initializer": {
            "module": "keras.initializers",
            "class_name": "Zeros",
            "config": {}
        }
    },
    {
        "module": "keras.layers",
        "class_name": "Dense",
        "config": {
            "name": "dense_5",
            "trainable": true,
            "dtype": "float32",
            "units": 4,
            "activation": "linear",
            "use_bias": true,
            "kernel_initializer": {
                "module": "keras.initializers",
                "class_name": "GlorotUniform",
                "config": {"seed": null}
            },
            "bias_initializer": {
                "module": "keras.initializers",
                "class_name": "Zeros",
                "config": {}
            }
        }
    }
]
},
"compile_config": {
    "optimizer": {
        "module": "keras.optimizers",
        "class_name": "Adam",
        "config": {
            "name": "adam",
            "learning_rate": 0.001,
            "beta_1": 0.9,
            "beta_2": 0.999,
            "epsilon": 1e-07,
            "amsgrad": false
        }
    },
    "loss": "mean_squared_error",
    "metrics": ["acc"]
}
}

```

Response:

Success:

```
{
  "module": "keras",
  "class_name": "Sequential",
  "config": {
    "name": "sequential_1",
    "trainable": true,
    "dtype": "float32",
    "layers": [
      {
        "module": "keras.layers",
        "class_name": "InputLayer",
        "config": {
          "batch_shape": [
            null,
            4
          ],
          "dtype": "float32",
          "sparse": false,
          "name": "input_layer_1"
        }
      },
      {
        "module": "keras.layers",
        "class_name": "Dense",
        "config": {
          "name": "dense_3",
          "trainable": true,
          "dtype": "float32",
          "units": 128,
          "activation": "relu",
          "use_bias": true,
          "kernel_initializer": {
            "module": "keras.initializers",
            "class_name": "GlorotUniform",
            "config": {
              "seed": null
            }
          },
          "bias_initializer": {
            "module": "keras.initializers",
            "class_name": "Zeros"
          }
        }
      },
      {
        "module": "keras.layers",
        "class_name": "Dense",
        "config": {
          "name": "dense_4",
          "trainable": true,
          "dtype": "float32",
          "units": 32,
          "activation": "relu",
```

```

        "use_bias": true,
        "kernel_initializer": {
            "module": "keras.initializers",
            "class_name": "GlorotUniform",
            "config": {
                "seed": null
            }
        },
        "bias_initializer": {
            "module": "keras.initializers",
            "class_name": "Zeros"
        }
    }
},
{
    "module": "keras.layers",
    "class_name": "Dense",
    "config": {
        "name": "dense_5",
        "trainable": true,
        "dtype": "float32",
        "units": 4,
        "activation": "linear",
        "use_bias": true,
        "kernel_initializer": {
            "module": "keras.initializers",
            "class_name": "GlorotUniform",
            "config": {
                "seed": null
            }
        },
        "bias_initializer": {
            "module": "keras.initializers",
            "class_name": "Zeros"
        }
    }
}
]
},
"compile_config": {
    "optimizer": {
        "module": "keras.optimizers",
        "class_name": "Adam",
        "config": {
            "name": "adam",
            "learning_rate": 0.001,
            "beta_1": 0.9,
            "beta_2": 0.999,
            "epsilon": 1e-7,
            "amsgrad": false
        }
    },
    "loss": "mean_squared_error",
    "metrics": [
        "acc"
    ]
}

```



```
    ]
  },
  "_id": "6668a2ed6b91d70f8e06f9f6",
  "__v": 0
}
```

error:

```
{
  []
}
```

10. Setgoals Endpoint

Method : POST

URL : <https://nutritrack-o4yuwhvnxa-et.a.run.app/api/setGoals>

Body :

JSON

Copy Code:

```
{
  "userId": "6669c46a6c31c4a1908ae8c7", // Ganti dengan ID pengguna yang valid
  "gender": "Man",
  "dateOfBirth": "1990-01-01",
  "height": 170,
  "weight": 70,
  "goalWeight": 65
}
```

Method : GET

URL : [https://nutritrack-o4yuwhvnxa-et.a.run.app/api/setGoals/\(masukkanIDpengguna\)](https://nutritrack-o4yuwhvnxa-et.a.run.app/api/setGoals/(masukkanIDpengguna))