Joseph Adinata Elkos 2702224282

HASIL TEST CASE

1. Test case Pertama (kolom 14)

	Gender	Age	Height	Weight	family_history_with_overweight	FAVC	FCVC	NCP	CAEC	SMOKE	CH2O	SCC	FAF	TUE	CALC	MTRANS	NObeyesdad
1	Female	24	1.58	65.29	yes	no	2.03	2.74	Sometimes	no	2.00	no	1.28	1.019	no	Public_Transportation	Overweight_Level_II
2	Male	23	1.65	66.00	no	no	3.00	3.00	Sometimes	no	2.00	no	3.00	0.000	no	Public_Transportation	Normal_Weight
3	Female	21	1.69	51.26	yes	yes	3.00	3.18	Frequently	no	1.91	no	0.48	0.625	no	Public_Transportation	Insufficient_Weight
4	Female	22	1.69	65.00	yes	yes	2.00	3.00	Sometimes	no	2.00	no	1.00	1.000	Sometimes	Public_Transportation	Normal_Weight
5	Female	23	1.61	82.64	yes	yes	2.96	1.00	Sometimes	no	2.98	no	0.74	2.000	Sometimes	Public_Transportation	Obesity_Type_I
6	Female	26	1.61	104.85	yes	yes	3.00	3.00	Sometimes	no	2.61	no	0.07	0.779	Sometimes	Public_Transportation	Obesity_Type_III
7	Female	22	1.68	49.95	yes	yes	2.93	3.00	Frequently	no	2.79	no	0.63	1.366	no	Public_Transportation	Insufficient_Weight
8	Female	18	1.62	55.00	yes	yes	2.00	3.00	Frequently	no	1.00	no	1.00	1.000	no	Public_Transportation	Normal_Weight
9	Female	23	1.61	82.60	yes	yes	2.70	1.00	Sometimes	no	2.60	no	0.29	2.000	Sometimes	Public_Transportation	Obesity_Type_I
10	Female	18	1.74	50.00	no	yes	1.34	4.00	Sometimes	no	1.00	no	2.00	1.000	Sometimes	Public_Transportation	Insufficient_Weight
11	Male	25	1.66	68.00	no	yes	2.00	3.00	Sometimes	yes	1.00	no	1.00	1.000	Sometimes	Public_Transportation	Normal_Weight
12	Male	20	1.85	85.23	yes	yes	2.15	3.00	Sometimes	no	2.10	no	1.17	0.834	Sometimes	Public_Transportation	Overweight_Level_I
13	Female	18	1.74	76.70	yes	yes	2.84	3.00	Sometimes	no	2.43	no	1.00	1.453	Frequently	Public_Transportation	Overweight_Level_I
14	Male	22	1.75	74.00	yes	no	2.00	3.00	Sometimes	no	2.00	no	1.00	2.000	Sometimes	Bike	Normal_Weight

BACKEND

Request body required

Edit Value | Schema

```
{
    "Gender": "Male",
    "Age": 22,
    "Height": 1.75,
    "Weight": 74.00,
    "family_history_with_overweight": "yes",
    "FAVC": "no",
    "FCVC": 2.00,
    "NCP": 3.00,
    "CAEC": "Sometimes",
    "SMOKE": "no",
    "CH2O": 2.00,
    "SCC": "no",
    "FAF": 1.00,
    "TUE": 2.000,
    "CALC": "Sometimes",
    "MTRANS": "Bike"
}
```

Code   **Details**

200

Response body

```
{
    "predicted_class": "Normal_Weight"
}
```

FRONTEND

Prediksi Tingkat Obesitas

Masukkan data berikut untuk memprediksi tingkat obesitas:

Gender

Male

Age

22

Height (meter)

1,75

Weight (kg)

74,00

Family History with Overweight

yes

Frequent consumption of high caloric food

no

Frequency of consumption of vegetables (0–3)

2.00

0.00   3.00

Number of main meals

3.00

1.00   5.00

Consumption of food between meals

Sometimes

Do you smoke?

no

Daily water intake (liters)

2.00

0.00   3.00

Calories consumption monitoring

no

Physical activity frequency (hours per week)

1.00

0.00   5.00

Time using technology devices (hours)

2.00

0.00   5.00

Alcohol consumption

Sometimes

Transportation used

Bike

Predict

Prediksi: Normal_Weight

2. Test case Keuda (kolom 68)

61	Male	21	1.88	117.47	yes		yes	2.00	2.18	Sometimes	no		2.33	no	0.89	1.224	Sometimes	Public_Transportation	Obesity_Type_I
62	Male	31	1.91	129.85	yes		yes	2.20	3.00	Sometimes	no		1.11	no	0.91	0.976	Sometimes	*NA*	Obesity_Type_II
63	Male	17 years	1.82	59.61	yes		yes	2.61	3.71	Sometimes	no		2.00	no	2.00	0.175	no	Automobile	Insufficient_Weight
64	Male	32	1.75	119.21	yes		yes	2.15	3.00	Sometimes	no		2.13	no	0.39	0.346	Sometimes	Automobile	Obesity_Type_II
65	Female	19	1.75	128.71	yes		yes	3.00	3.00	Sometimes	no		2.41	no	0.99	0.675	Sometimes	Public_Transportation	Obesity_Type_III
66	Female	24	1.68	114.48	yes		yes	3.00	3.00	Sometimes	no		2.44	no	0.23	0.693	Sometimes	Public_Transportation	Obesity_Type_III
67	Male	17	1.90	59.90	yes		yes	2.84	3.34	Sometimes	no		2.00	no	2.51	0.560	no	Automobile	Insufficient_Weight
68	Female	26	1.59	110.17	yes		yes	3.00	3.00	Sometimes	no		2.45	no	0.00	0.487	Sometimes	Public_Transportation	Obesity_Type_III
69	Male	41	1.75	115.81	yes		yes	2.00	2.70	Sometimes	no		1.14	no	0.51	0.000	no	Automobile	Obesity_Type_II
70	Female	26	1.65	111.92	yes		yes	3.00	3.00	Sometimes	no		2.79	no	0.00	0.098	Sometimes	Public_Transportation	Obesity_Type_III

BACKEND

Request body required

Edit Value | Schema

```
{
    "Gender": "Female",
    "Age": 26,
    "Height": 1.59,
    "Weight": 110.17,
    "family_history_with_overweight": "yes",
    "FAVC": "yes",
    "FCVC": 3.00,
    "NCP": 3.00,
    "CAEC": "Sometimes",
    "SMOKE": "no",
    "CH2O": 2.45,
    "SCC": "no",
    "FAF": 0.00,
    "TUE": 0.487,
    "CALC": "Sometimes",
    "MTRANS": "Public_Transportation"
}
```

Code	Details
200	**Response body**

```
{
    "predicted_class": "Obesity_Type_III"
}
```

FRONTEND

Prediksi Tingkat Obesitas

Masukkan data berikut untuk memprediksi tingkat obesitas:

Gender

Female

Age

26

Height (meter)

1,59

Weight (kg)

110,17

Family History with Overweight

yes

Frequent consumption of high caloric food

yes

Frequency of consumption of vegetables (0–3)

3.00

0.00   3.00

Number of main meals

3.00

1.00   5.00

Consumption of food between meals

Sometimes

Do you smoke?

no

Daily water intake (liters)

2.45

0.00   3.00

Calories consumption monitoring

no

Physical activity frequency (hours per week)

0.00

0.00   5.00

Time using technology devices (hours)

0.49

0.00   5.00

Alcohol consumption

Sometimes

Transportation used

Public_Transportation

Predict

Prediksi: Obesity_Type_III