Teedy Microservice API Documentation 1.0.11 OAS3

This is the API documention for a Teedy microservice that predicts which applicants are more likely to succeed, helping the new graduate students admissions process.

predict Predict whether applicant is likely to succeed or not ∧

POST   **/predict** Predict whether applicant is likely to succeed or not   ∧

Predicts whether an applicant, based on certain attributes, is likely to succeed or not

Parameters   [Try it out]

Name	Description
G1 * required `integer($int64)` *(query)*	Student's first period grade. For valid response try numbers with value >= 0 or <= 20. Other values will generate exceptions. [G1]
G2 * required `integer($int64)` *(query)*	Student's second period grade. For valid response try numbers with value >= 0 or <= 20. Other values will generate exceptions. [G2]

Name	Description

studytime * required

integer($int64)

(query)

Student's weekly study time. For valid response try numbers with value >= 1 or <= 4. Other values will generate exceptions.

> studytime

failures * required

integer($int64)

(query)

Student's number of past class failures. For valid response try numbers with value >= 1 or <= 4. Other values will generate exceptions.

> failures

Responses

Code	Description	Links

200

successful operation

No links

Media type

> **application/json**

Controls `Accept` header.

Example Value   Schema

```
{
  "variablesUsed": "Variables G1, G2, studytime, and failures used
to predict.",
  "returnMsg": "Applicant is likely to succeed."
}
```

400

Invalid input(s)

No links

Media type

> **application/json**

Example Value   Schema

```
{
  "returnMsg": "Please provide valid inputs."
}
```