

## CMU Admission Predictor

1.0.0 OAS3

The API for CMU Admissions to use for evaluating student applications

### Servers

https://virtserver.swaggerhub.com/sanmoyk/teamgraphw4/1.0.0 - SwaggerHub API Auto Mocking

### prediction

GET /predict/

returns if an applicant is predicted to be a qualified student at CMU

Try it out

| Name        | Description                                   |
|-------------|---|
| G1          | integer(\$int32)first period grade            |
| (query)     |   |
| minimum: 0  |   |
| maximum: 20 | G1  |
| G2          | integer(\$int32)second period grade           |
| (query)     |   |
| minimum: 0  |   |
| maximum: 20 | G2  |
| failures    | integer(\$int32)number of past class failures |
| (query)     |   |
| minimum: 1  |   |
| maximum: 4  | failures                                      |
| studytime   | integer(\$int32)weekly study time             |
| (query)     |   |
| minimum: 1  |   |
| maximum: 4  | studytime                                     |
| absences    | integer(\$int32)number of school absences     |
| (query)     |   |
| minimum: 0  |   |
| maximum: 93 | absences                                      |

Responses

| Code | Description   | Links    |
|------|---|----------|
| 200  | Successful Prediction   | No links |
|      | Media type  |          |
|      | application/json  |          |
|      | Controls Access header  |          |
|      | Example Value   Schema  |          |
|      | <pre>{  "AdmissionStatus": 1,  "G1": 15,  "G2": 15,  "failures": 2,  "studytime": 4,  "absences": 43}</pre> |          |
| 400  | Inputted values are not valid!  | No links |
| 404  | Inputted values not found!  | No links |

### Schemas

```
prediction {
  AdmissionStatus integer($int32)
    maximum: 1
    minimum: 0
    example: 1
  G1 integer($int32)
    example: 15
  G2 integer($int32)
    example: 15
  failures integer($int32)
    example: 2
  studytime integer($int32)
    example: 4
  absences integer($int32)
    example: 43
}
```