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| Macintosh HD:Users:thiageek:Desktop:Captura de Tela 2016-03-18 às 19.28.03.png | **Desenvolvimento para Web** | |
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**REST Requests**

1. **User**
   1. **Method: GET**

Return a JSON with an array of users by parameters. If any parameters are informed, return all users.

**Request:** /user?<parameters>

**Parameters:** name, email, usermane, type

**Example:**

* http://www.loohcs.com/user?type=student  
  *Return:  
  {“user”: [*

*{“name”: “João da Silva”, “email”: “joao.silva@email.com”, “username”: “jsilva”, “type”: “Student”},*

*{“name”: “José Pereira”, “email”: “jose.pereira@email.com”, “username”: “jpereira”, “type”: “Student”},*

*{“name”: “Roberto Borges”, “email”: “robertob@email.com”, “username”: “robertob”, “type”: “Student”}*

*] }*

* http://www.loohcs.com/user?username=robertinho2004   
  *Return:  
  {“user”: [*

*{“name”: “Roberto Borges”, “email”: “robertob@email.com”, “username”: “robertinho2004”, “type”: “Teacher”}*

*] }*

* 1. **Method: POST**

Create a new user with given parameters values.

**Request:** /user?<parameters>

**Parameters:** name, email, usermane, password, birth, type, address, phone, gender

**Example:**

* http://www.loohcs.com/user?name=Roberto%20Fraga&email=roberto@rmail.com&username=roberto2004&password=sadaskdjalkd&birth=1989-03-23&type=Student&gender=Male
  1. **Method: PUT**

Update a user with given parameters values.

**Request:** /user/<username>?<parameters>

**Parameters:** name, email, usermane, password, birth, type, address, phone, gender

**Example:**

* http://www.loohcs.com/user/roberto2004?email=roberto\_a@rmail.com &password=sadaskdjalkd
  1. **Method: DELETE**

Delete a user with given username.

**Request:** /user/<username>

**Parameters:** None

**Example:**

* http://www.loohcs.com/user/roberto2004

1. **Student**
   1. **Method: GET**

Return a JSON with an array of students by parameters. If any parameters are informed, return all students.

**Request:** /student?<parameters>

**Parameters:** name, gender, address, birth, age, parent, period, level, year, class

**Example:**

* http://www. loohcs.com/student?gender=male&age=15

*Return:  
{"user": [*

*{"name": "João da Silva", "email": "joao.silva@email.com", "username": "jsilva", "gender": "Male", "age": "15", "birth": 2001-02-15, "period": "Matutino", "level": "Infantil", "year": 3, "class": "A" "parent": {"mother": "Maria Silva", "father": "Felipe Silva"} },*

*{"name": "José Pereira", "email": "jose.pereira@email.com", "username": "jpereira", "gender": "Male", "age": "15", "birth": 2001-01-24, "period": "Vespertino", "level": "Médio", "year": 2, "class": "C" "parent": {"mother": "Fátima Pereira", "father": "Roger Pereira"} },*

*{"name": "Roberto Borges", "email": "robertob@email.com", "username": "robertob", "gender": "Male", "age": "15", "birth": 2001-03-09, "period": "Matutino", "level": "Fundamental", "year": 7, "class": "B" "parent": {"mother": "Letícia Borges", "father": "Marcelo Borges"} }*

*] }*

* http://www. loohcs.com/student?year=3&class=a

*Return:*

*{"user": [*

*{"name": "João da Silva", "email": "joao.silva@email.com", "username": "jsilva", "gender": "Male", "age": "16", "birth": 2000-02-15, "period": "Matutino", "level": "Infantil", "year": 3, "class": "A" "parent": {"mother": "Maria Silva", "father": "Felipe Silva"}, },*

*{"name":"Fabrícia Pereira", "email": "fabricia.pereira@email.com", "username": "fpereira", "gender": "Female", "age": "15", "birth": 2001-01-24, "period": "Vespertino", "level": "Médio", "year": 3, "class": "A" "parent": {"mother": "Fátima Pereira", "father": "Roger Pereira"}, },*

*{"name": "Roberto Borges", "email": "robertob@email.com", "username": "robertob", "gender": "Male", "age": "14", "birth": 2002-03-09, "period": "Matutino", "level": "Fundamental", "year": 3, "class": "A" "parent": {"mother": "Letícia Borges", "father": "Marcelo Borges"}, }*

*] }*

* 1. **Method: POST**

Create a new student with given parameters values.

**Request:** /student?<parameters>

**Parameters:** name, gender, address, birth, parent, period, level, year, class

**Example:**

http://www.loohcs.com/student?name=Roberto%20Fraga &birth=1989-03-23&gender=Male&address=Rua%2024&parente=”Letícia%20Borges”&period=”Matutino”&level=”Fundamental”&year=5&class=”B”

* 1. **Method: PUT**

Update a student with given parameters values.

**Request:** /student/<username>?<parameters>

**Parameters:** name, gender, address, birth, parent, period, level, year, class

**Example:**

http://www.loohcs.com/student/roberto2004?level=”Médio”&year=1&class=”B”

* 1. **Method: DELETE**

Delete a student with given username.

**Request:** /student/<username>

**Parameters:** None

**Example:**

* http://www.loohcs.com/student/roberto2004

1. **Teacher**
   1. **Method: GET**

Return a JSON with an array of teachers by parameters. If any parameters are informed, return all teachers.

**Request:** /teacher?<parameters>

**Parameters:** name, subject, degree, since

**Example:**

* http://www. loohcs.com/teacher?subject=math

*Return:*

*{"teacher": [*

*{"name": "Guilherme Fernandez", "subject": "Math", "degree": "Master", "since": 2000-06-01},*

*{"name": "Rodorigo Lopes", "subject": "Math", "degree": "Bachelor", "since": 1998-09-15},*

*{"name": "Fernanda Silva", "subject": "Math", "degree": "Phd", "since": 1990-01-01}*

*] }*

* 1. **Method: POST**

Create a new teacher with given parameters values.

**Request:** /teacher?<parameters>

**Parameters:** name, subject, degree, since

**Example:**

* http://www.loohcs.com/teacher?name=Roberto%20Fraga &subject=”Math”&degree=”Master”&since=1998-06-01
  1. **Method: PUT**

Update a teacher with given parameters values.

**Request:** /teacher/<username>?<parameters>

**Parameters:** name, subject, degree, since

**Example:**

* http://www.loohcs.com/teacher/roberto2004?subject=”Portuguese”
  1. **Method: DELETE**

Delete a teacher with given username.

**Request:** /teacher/<username>

**Parameters:** None

**Example:**

* http://www.loohcs.com/teacher/roberto2004

1. **Class**
   1. **Method: GET**

Return a JSON with an array of classes by parameters. If any parameters are informed, return all classes.

**Request:** /class?<parameters>

**Parameters:** level, year, letter, period, room

**Example:**

* http://www. loohcs.com/class?year=5&letter=c

*Return:*

*{"class": [*

*{"level": "Fundamental", "year": 5, "letter": "C", "period": "Vespertino", "room": "110"}*

*] }*

* 1. **Method: POST**

Create a new class with given parameters values.

**Request:** /class?<parameters>

**Parameters:** level, year, letter, period, room

**Example:**

* http://www.loohcs.com/class?level=”Médio”&year=”1”&letter=”A”&period=”Matutino”&room=”101”
  1. **Method: PUT**

Update a class with given parameters values.

**Request:** /class/<id>?<parameters>

**Parameters:** level, year, letter, period, room

**Example:**

* http://www.loohcs.com/class/21?room=”203”
  1. **Method: DELETE**

Delete a class with given id.

**Request:** /class/<id>

**Parameters:** None

**Example:**

* http://www.loohcs.com/class/21