

**DEPARTAMENTO EN CIENCIAS DE LA COMPUTACIÓN**

**ADVANCED WEB DEVELOPMENT**

**NRC:** 5119

**Team 5**

**HP-KILLERS TEAM**

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**DATE :** 2022/7/8

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**URI REST DEVELOPMENT**

1.

| **URI** | 18.233.100.5:3005/articles |
| --- | --- |
| **METHOD** | POST |
| **REQUEST** |  |
| PARAMS | n/a |
| BODY | id : {type: Number},  name : {type:String},  author : {type: String},  date : {type: Date },  content: {type : String },  subject:{ type : String } |
| TYPE | JSON |
| **RESPONSE** | **200** |
| PARAMS | N/A |
| BODY | [  Article{article}  ] |
| TYPE | JSON |
| **DESCRIPTION** | This Uri creates new resources of articles, getting the posted article, and uploading it to the database. |

2.

| **URI** | 18.233.100.5:3005/articles |
| --- | --- |
| **METHOD** | GET |
| **REQUEST** |  |
| PARAMS | N/A |
| BODY | N/A |
| TYPE | N/A |
| **RESPONSE** | **200 OK** |
| PARAMS | N/A |
| BODY | [  Article1{article}, Article2{article},... Articlen{article}  ] |
| TYPE | JSON |
| **DESCRIPTION** | This Uri get all the articles in the database |

3.

| **URI** | 172.31.56.239:5005/trucks/{id} |
| --- | --- |
| **METHOD** | GET |
| **REQUEST** |  |
| PARAMS | id : Number |
| BODY | N/A |
| TYPE | N/A |
| **RESPONSE** | **200 OK** |
| PARAMS | N/A |
| BODY | Truck: {  id: number,  model: String,  price: Number,  brand: String,  isAvailable: Boolean  }  Where trucks.id = trucks.id |
| TYPE | JSON |
| DESCRIPTION | This Uri returns an specific truck by id from the database |

4.

| **URI** | 3.82.230.29:3005/articles/fix/{id} |
| --- | --- |
| **METHOD** | PUT |
| **REQUEST** |  |
| PARAMS | id : String |
| BODY | N/A |
| TYPE | N/A |
| **RESPONSE** | 200 ok |
| PARAMS | N/A |
| BODY | {  message : “Id Changed”  } |
| TYPE | JSON |
| DESCRIPTION | This Uri returns a new id for an existence id, to change its value |

5.

| **URI** | 18.233.100.5:3005/articles/{id} |
| --- | --- |
| **METHOD** | PUT |
| **REQUEST** |  |
| PARAMS | id : String |
| BODY | [  Article {}  ] |
| TYPE | JSON |
| **RESPONSE** | **200** |
| PARAMS | N/A |
| BODY | [  Article[article]  ]  where article = params.id |
| TYPE | JSON |
|  |  |
|  |  |
| **DESCRIPTION** | This Uri updates a resource in the database by id. |

6.

| **URI** | 18.233.100.5:3005/articles/{id} |
| --- | --- |
| **METHOD** | DELETE |
| **REQUEST** |  |
| PARAMS | idArticle : String |
| BODY | N/A |
| TYPE | JSON |
| **RESPONSE** | **200** |
| PARAMS | N/A |
| BODY | {  message: “Success”  } |
| TYPE | JSON |
| **DESCRIPTION** | This Uri deletes a resource by id in the database. |

7.

| **URI** | 18.233.100.5:3005/users |
| --- | --- |
| **METHOD** | POST |
| **REQUEST** |  |
| PARAMS | n/a |
| BODY | id : {type: Number},  name : {type:String},  userName : {type: String},  email: {type: String},  gameName: {type: String},  mainClass: {type: String},  timePlayed: {type: Number},  isActive: {type: Boolean},  pointsObtained: {type:Number},  accountMoney:{type:Number},  lastTimeVisited:{type:Date},  spendedMoney:{type:Number},  favoriteItem:{type:String} |
| TYPE | JSON |
| **RESPONSE** | **200** |
| PARAMS | N/A |
| BODY | [  User{user}  ] |
| TYPE | JSON |
| **DESCRIPTION** | This Uri creates a new resource of user, getting the posted user, and uploading it to the database. |

8.

| **URI** | 18.233.100.5:3005/users |
| --- | --- |
| **METHOD** | GET |
| **REQUEST** |  |
| PARAMS | N/A |
| BODY | N/A |
| TYPE | N/A |
| **RESPONSE** | **200 OK** |
| PARAMS | N/A |
| BODY | [  User1{user}, User2{user},... Usern{user}  ] |
| TYPE | JSON |
| **DESCRIPTION** | This Uri get all the users in the database |

9.

| **URI** | 18.233.100.5:3005/users/{id} |
| --- | --- |
| **METHOD** | GET |
| **REQUEST** |  |
| PARAMS | id : String |
| BODY | N/A |
| TYPE | N/A |
| **RESPONSE** | **200 OK** |
| PARAMS | N/A |
| BODY | [  {user}  ]  Where user.id = params.id |
| TYPE | JSON |
| DESCRIPTION | This Uri returns an specific user by id |

10.

| **URI** | 18.233.100.5:3005/users/fix/{id} |
| --- | --- |
| **METHOD** | PUT |
| **REQUEST** |  |
| PARAMS | id : String |
| BODY | N/A |
| TYPE | N/A |
| **RESPONSE** |  |
| PARAMS | N/A |
| BODY | {  message : “Id Changed”  } |
| TYPE | JSON |
| DESCRIPTION | This Uri returns a new id for an existence id, to change its value |

11.

| **URI** | 18.233.100.5:3005/users/{id} |
| --- | --- |
| **METHOD** | PUT |
| **REQUEST** |  |
| PARAMS | id : String |
| BODY | [  Article {}  ] |
| TYPE | JSON |
| **RESPONSE** | **200** |
| PARAMS | N/A |
| BODY | [  User[user]  ]  where user = params.id |
| TYPE | JSON |
| **DESCRIPTION** | This Uri updates a resource in the database by id. |

12.

| **URI** | 18.233.100.5:3005/users/{id} |
| --- | --- |
| **METHOD** | DELETE |
| **REQUEST** |  |
| PARAMS | id : String |
| BODY | N/A |
| TYPE | JSON |
| **RESPONSE** | **200** |
| PARAMS | N/A |
| BODY | {  message: “Success”  } |
| TYPE | JSON |
| **DESCRIPTION** | This Uri deletes a resource by id in the database. |

13.

| **URI** | 18.233.100.5:3005/users/class/{mainClass} |
| --- | --- |
| **METHOD** | GET |
| **REQUEST** |  |
| PARAMS | mainClass : String |
| BODY | N/A |
| TYPE | JSON |
| **RESPONSE** | **200** |
| PARAMS | N/A |
| BODY | [  User1{user}, User2{user},... Usern{user}  ]  where user.mainClass = params.mainClass |
| TYPE | JSON |
| **DESCRIPTION** | This Uri returns all the users that has the same mainClass |

14.

| **URI** | 18.233.100.5:3005/users/ranking/{id} |
| --- | --- |
| **METHOD** | GET |
| **REQUEST** |  |
| PARAMS | id : String |
| BODY | N/A |
| TYPE | JSON |
| **RESPONSE** | **200** |
| PARAMS | N/A |
| BODY | {  username: String,  rPoins : number,  Points : number  } |
| TYPE | JSON |
| **DESCRIPTION** | This uri get the ranking Points of and specific user calculated by diferent parameters |

15.

| **URI** | 18.233.100.5:3005/users/gifts/giveaway |
| --- | --- |
| **METHOD** | GET |
| **REQUEST** |  |
| PARAMS | id : String |
| BODY | n/a |
| TYPE | JSON |
| **RESPONSE** | **200** |
| PARAMS | N/A |
| BODY | {  username: String  money: Number  } |
| TYPE | JSON |
| **DESCRIPTION** | This Uri gives a random user money, by calculting if it is active and it has at least 10 hours played |

16.

| **URI** | 18.233.100.5:3005/users/services/{id} |
| --- | --- |
| **METHOD** | POST |
| **REQUEST** |  |
| PARAMS | id : String |
| BODY | {  item : String  } |
| TYPE | JSON |
| **RESPONSE** | **200** |
| PARAMS | N/A |
| BODY | [  User{user}  ] |
| TYPE | JSON |
| **DESCRIPTION** | This Uri helps to change the favorite item, only if it has the necessary points do it. |