DOKUMENTASI API HOTELBERTASBIH

1. **Get list kamar**

|  |  |
| --- | --- |
| HTTP Method | Endpoint |
| GET | http://localhost:1994/kamar |

|  |  |  |  |
| --- | --- | --- | --- |
| Type | Key | Mandatory | Data Type |
| Params/Query | categoryid | no | number |

* categoryid = ID category yang ingin difilter
* Jika categoryid tidak diberikan, akan GET semua kamar

**Contoh Response**

* **Tanpa categoryid**

|  |  |
| --- | --- |
| GET | <http://localhost:1994/kamar> || <http://localhost:1994/kamar>?categoryid= |
| [  {  "id": 1,  "nomorkamar": 201,  "categoryid": 1  },  {  "id": 2,  "nomorkamar": 202,  "categoryid": 1  },  {  "id": 3,  "nomorkamar": 203,  "categoryid": 1  },  {  "id": 4,  "nomorkamar": 204,  "categoryid": 1  },  {  "id": 5,  "nomorkamar": 301,  "categoryid": 2  },  {  "id": 6,  "nomorkamar": 302,  "categoryid": 2  },  {  "id": 7,  "nomorkamar": 401,  "categoryid": 3  }  ] | |

* **Jika diberikan categoryid**

|  |  |
| --- | --- |
| GET | http://localhost:1994/kamar?categoryid=3 |
| [  {  "id": 7,  "nomorkamar": 401,  "categoryid": 3  }  ] | |

1. **Create kamar baru**

|  |  |
| --- | --- |
| HTTP Method | Endpoint |
| POST | http://localhost:1994/kamar |

|  |  |  |  |
| --- | --- | --- | --- |
| Type | Key | Mandatory | Data Type |
| BODY | nomorkamar | yes | number |
| BODY | categoryid | yes | number |

* nomorkamar = nomor kamar yang akan dibuat
* categoryid = id category yang ada di database

**Contoh Response**

* **body = {nomor kamar : 301, categoryid:2 }**

|  |  |
| --- | --- |
| POST | <http://localhost:1994/kamar> |
| {  "status": "Create kamar success",  "insertId": 16,  "nomorkamar": 301,  "categoryid": 2  } | |

1. **Update data kamar berdasarkan id**

|  |  |
| --- | --- |
| HTTP Method | Endpoint |
| PUT | http://localhost:1994/kamar/:id |

|  |  |  |  |
| --- | --- | --- | --- |
| Type | Key | Mandatory | Data Type |
| URL | :id | yes | number |
| BODY | nomorkamar | no | number |
| BODY | categoryid | no | number |

* :id = ID kamar yang ingin diupdate
* nomorkamar = nomor kamar baru, jika ada
* categoryid = id category baru, jika ada

**Contoh Response**

* **:id =16**
* **body = {categoryid:3}**

|  |  |
| --- | --- |
| POST | <http://localhost:1994/kamar>/16 |
| {  "status": "Update kamar success",  "id": "16",  "updatedRows": 1  } | |

1. **Delete kamar berdasarkan id**

|  |  |
| --- | --- |
| HTTP Method | Endpoint |
| DELETE | http://localhost:1994/kamar/:id |

|  |  |  |  |
| --- | --- | --- | --- |
| Type | Key | Mandatory | Data Type |
| URL | :id | yes | number |

* :id = ID kamar yang ingin didelete

**Contoh Response**

* **:id =16**

|  |  |
| --- | --- |
| DELETE | <http://localhost:1994/kamar>/16 |
| success | {  "status": "Delete kamar success",  "id": "16",  "updatedRows": 1  } |
| error | {  "error": "ID kamar does not exist"  } |

1. **Get list category**

|  |  |
| --- | --- |
| HTTP Method | Endpoint |
| GET | http://localhost:1994/category |

**Contoh Response**

|  |  |
| --- | --- |
| GET | http://localhost:1994/category |
| [  {  "id": 1,  "namacategory": "Standard"  },  {  "id": 2,  "namacategory": "Double"  },  {  "id": 3,  "namacategory": "VIP"  },  {  "id": 4,  "namacategory": "Deluxe VIP"  }  ] | |

1. **Create category baru**

|  |  |
| --- | --- |
| HTTP Method | Endpoint |
| POST | http://localhost:1994/category |

|  |  |  |  |
| --- | --- | --- | --- |
| Type | Key | Mandatory | Data Type |
| BODY | namacategory | yes | string |

* namacategory = nama category yang akan dibuat

**Contoh Response**

* **body = {namacategory: “Deluxe VIP”}**

|  |  |
| --- | --- |
| POST | <http://localhost:1994/kamar> |
| {  "status": "Create category success",  "insertId": 4,  "namacategory": "Deluxe VIP"  } | |

1. **Update data category berdasarkan id**

|  |  |
| --- | --- |
| HTTP Method | Endpoint |
| PUT | http://localhost:1994/kamar/:id |

|  |  |  |  |
| --- | --- | --- | --- |
| Type | Key | Mandatory | Data Type |
| URL | :id | yes | number |
| BODY | namacategory | yes | string |

* :id = ID kamar yang ingin diupdate
* namacategory = nama category baru

**Contoh Response**

* **:id =4**
* **body = {namacategory:3}**

|  |  |
| --- | --- |
| PUT | <http://localhost:1994/kamar>/4 |
| {  "status": "Update category success",  "id": "4",  "updatedRows": 1  } | |

1. **Delete category berdasarkan id**

|  |  |
| --- | --- |
| HTTP Method | Endpoint |
| DELETE | http://localhost:1994/category/:id |

|  |  |  |  |
| --- | --- | --- | --- |
| Type | Key | Mandatory | Data Type |
| URL | :id | yes | number |

* :id = ID category yang ingin didelete
* Method ini akan delete semua kamar di tablekamar yang memiliki categoryid==:id

**Contoh Response**

* **:id =2**

|  |  |
| --- | --- |
| DELETE | http://localhost:1994/category/2 |
| success | {  "status": "Delete category success",  "categoryId": "2",  "jumlahDeleteKamar": 3  } |
| error | {  "error": "Category ID does not exist"  } |

1. **Register account user**

|  |  |
| --- | --- |
| HTTP Method | Endpoint |
| POST | http://localhost:1994/users |

|  |  |  |  |
| --- | --- | --- | --- |
| Type | Key | Mandatory | Data Type |
| BODY | username | yes | String |
| BODY | email | yes | String |
| BODY | password | yes | String |
| BODY | role | yes | string |

* username = username user
* email = email user
* password = password user, akan di encrypt sebelum disimpan didatabase
* role = role user

**Contoh Response**

* **body = {**

**"username": "adminhotel",**

**"email" : "billy.irianto@gmail.com",**

**"password": "12345",**

**"role" : "Admin"**

**}**

|  |  |
| --- | --- |
| POST | http://localhost:1994/users |
| success | {  "id": 3,  "username": "adminhotel",  "email": "billy.irianto@gmail.com",  "role": "Admin",  "status": "Registration Succesful"  } |
| error | {  "error": "username/email already exists"  } |

1. **Login account user**

|  |  |
| --- | --- |
| HTTP Method | Endpoint |
| GET | http://localhost:1994/users |

|  |  |  |  |
| --- | --- | --- | --- |
| Type | Key | Mandatory | Data Type |
| PARAMS/Query | email | yes | String |
| PARAMS/Query | password | yes | String |

* email = email user
* password = password user, akan di encrypt sebelum disimpan didatabase

**Contoh Response**

* **params = {**

**"email" : "billy.irianto@gmail.com",**

**"password": "12345",**

**}**

|  |  |
| --- | --- |
| GET | http://localhost:1994/users?email=billy.irianto@gmail.com&password=12345 |
| success | {  "id": 3,  "username": "adminhotel",  "email": "billy.irianto@gmail.com",  "role": "Admin",  "status": "Login Successful"  } |
| error | {  "error": "E-mail does not exist || Wrong Password"  } |