API specification Webtechnologie

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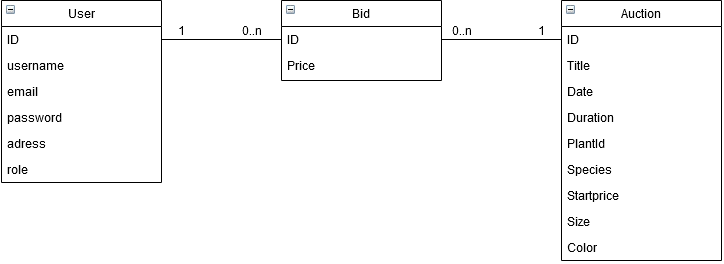
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# Class diagram



The app has users who can place a bid on an auction. Users have a username, so their email address isn’t displayed in public. Their email address and password are for logging in. An address is necessary, so the auctioneers know where to send a plant sold at an auction. Role determines whether a user is a normal user or an admin.

Bids only need an identifier and a price.

Auctions have a title like “zomerveiling”, a date so people that visit the site know when the auction happens and a duration to determine when it ends.

Our auctions only have plants, but every plant needs an id for looking up, a species name which is basically the plant’s normal name, a start price which is necessary for the auction, a size for filtering and a color also for filtering.

**EXAMPLE API CALL**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **GET** | **/url/objects/{id}/SubObjects/{id}** | | | |
| Get/Post/put/delete /lijst/item/sublijst/item | | | | |
| **Parameters:** | | **Name** | **Type** | **Description** |
| *Add a \* to the name of required parameters.* | | objects | path | List of all users |
| {id} | query | Specified which user |
| SubObjects |  | List of won auctions |
| {id} |  | Gewonnen item |
| **Responses:** | | **Code** | **Description / example if successful** | |
|  | | 200 OK | Een json array met de gewonnen veiling met het id {id} | |
| 400 bad request | Kan de server niet intrepreteren | |

# GET requests

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **GET** | **/url/trailers** | | | |
| Haalt info van trailers op | | | | |
| **Parameters:** | | **Name** | **Type** | **Description** |
| *Add a \* to the name of required parameters.* | | Trailers\* | path | Haalt info op van alle trailers |
| tid | query | Haalt info op van alle trailers met het id: “tid” |
|  |  |  |
|  |  |  |
| **Responses:** | | **Code** | **Description / example if successful** | |
|  | | 200 OK | Een json array met alle trailers | |
| 404 not found | De server kan geen trailers vinden | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **GET** | **/url/users** | | | |
| Haalt alle users op | | | | |
| **Parameters:** | | **Name** | **Type** | **Description** |
| *Add a \* to the name of required parameters.* | | Users\* | path | haalt info op van alle users |
| uid | query | Haalt info op van de user met het id: “uid” |
|  |  |  |
|  |  |  |
| **Responses:** | | **Code** | **Description / example if successful** | |
|  | | 200 OK | Een json array met de gewonnen veiling met het id {id} | |
| 404 not found | De server kan geen users vinden | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **GET** | **/url/users/{uid}/orders** | | | |
| Haalt orders op van de user met het id: uid | | | | |
| **Parameters:** | | **Name** | **Type** | **Description** |
| *Add a \* to the name of required parameters.* | | Users\* | path | Haalt uit de users lijst |
| {uid}\* | query | Van deze user |
| Orders\* | path | Een order |
| {oid} | query | Met het id: oid |
| **Responses:** | | **Code** | **Description / example if successful** | |
|  | | 200 OK | Een json array met de bestellingen van de klant met het id: “uid” | |
| 404 not found | Geen orders gevonden | |

# POST requests

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **POST** | **/url/users/{uid}/orders** | | | |
| Maak een nieuwe trailer | | | | |
| **Parameters:** | | **Name** | **Type** | **Description** |
| *Add a \* to the name of required parameters.* | | Users\* | path | Post op users |
| {uid}\* | path | Post op de user met het id: ”uid” |
| Orders\* | path | Post op orders |
| order | body | Json object van een trailer |
| **Responses:** | | **Code** | **Description / example if successful** | |
|  | | 200 OK | Trailer is geüploadet | |
|  |  | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **POST** | **/url/users** | | | |
| Maak een nieuw account | | | | |
|  | | | | |
| **Parameters:** | | **Name** | **Type** | **Description** |
| *Add a \* to the name of required parameters.* | | Users\* | path | Post to users |
| user | body | User object |
|  |  |  |
| **Responses:** | | **Code** | **Description / example if successful** | |
|  | | 200 OK | Gebruiker aan gemaakt | |
|  |  | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **POST** | **/url/users/orders** | | | |
| Maakt een nieuwe order | | | | |
|  | | | | |
| **Parameters:** | | **Name** | **Type** | **Description** |
| *Add a \* to the name of required parameters.* | | Users\* | path | Post op users |
| orders | path | Post op orders van persoon |
| order | body | Json array van trailers |
| **Responses:** | | **Code** | **Description / example if successful** | |
|  | | 200 OK | Auction created | |
| 403 Forbidden | User isn’t an admin | |
|  |  | |

# PUT requests

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **PUT** | **/url/trailers/{tid}** | | | |
| Verander een trailer | | | | |
|  | | | | |
| **Parameters:** | | **Name** | **Type** | **Description** |
| *Add a \* to the name of required parameters.* | | Trailers\* | path | Put op de lijst trailers |
| Tid\* | path | Put op het object uit trailers met id: tid |
| trailer | body | Body van een trailer |
|  |  |  |
| **Responses:** | | **Code** | **Description / example if successful** | |
|  | | 200 OK | Trailer is gewijzigd | |
| 404 not found | Trailer niet gevonden | |
|  |  | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **PUT** | **/url/users** | | | |
| Verander een trailer | | | | |
|  | | | | |
| **Parameters:** | | **Name** | **Type** | **Description** |
| *Add a \* to the name of required parameters.* | | users | path | Zoekt object in de lijst users |
| user | body | Body van een user |
|  |  |  |
| **Responses:** | | **Code** | **Description / example if successful** | |
|  | | 200 OK | User is gewijzigd | |
| 404 not found | User niet gevonden | |
|  |  | |

# DELETE requests

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DELETE** | **/url/trailers/{tid}** | | | |
| Verwijderd een trailer | | | | |
| **Parameters:** | | **Name** | **Type** | **Description** |
| *Add a \* to the name of required parameters.* | | Trailers\* | path | Zoek trailers |
| Tid\* | path | zoek trailer met id: “tid” |
|  |  |  |
|  |  |  |
|  |  |  |
| **Responses:** | | **Code** | **Description / example if successful** | |
|  | | 200 OK | Trailer verwijderd | |
| 404 not found | Trailer met tid… bestaat niet | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DELETE** | **/url/users/{uid}** | | | |
| Verwijderd user met een specifiek uid | | | | |
|  | | | | |
| **Parameters:** | | **Name** | **Type** | **Description** |
| *Add a \* to the name of required parameters.* | | Users\* | path | Zoek users |
| uid\* | path | zoek user met uid … |
|  |  |  |
| **Responses:** | | **Code** | **Description / example if successful** | |
|  | | 200 OK | User verwijderd | |
| 404 not found | User bestaat niet | |
|  |  | |