

auctionapi v1.0

official guidebook to auctionapi service REST application programming interface

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HTTP responses

- 200 Ok
- 201 Created | message => Object was create
- 204 No Content
- 400 Bad Request | message => Invalid content syntax
- 401 Unauthorized | message => Access denied!
- 404 Not Found | message => Resource not found
- 405 Method Not Allowed | message => Request method not allowed
- 422 Unprocessable Entity | message => Content semantic errors
- 503 Service Unavailable | message => Unable to perform action

ALL DATETIME IN UTC FORMAT

User object

Creating new user /api/users/register

Method	Request body (JSON)	Response
POST	username [1-30 characters # <u>input trimmed - without spaces at the beggining and the end</u>], first_name [1-30 characters], last_name [1-30 characters], email [valid, max. 50 ch.] , birth_date [format 'd.m.Y'], password [valid - 1 capital, 1 numeric, 1 special letter, at least 8 characters]	201 Created # URL with token to activation is send to user's email
		400 Bad Request
		422 Unprocessable Entity
		Details Username and email are already used
		Username is already used
		Email is already used
Any other		503 Service Unavailable
		405 Method Not Allowed

Activating user account /api/users/activate

api/accelerate/activate

Method	Request body (JSON)	Response
POST	token [valid]	200 Ok
		400 Bad Request
		422 Unprocessable Entity
		Details
		User account already activated
		Token error message
		503 Service Unavailable
Any other		405 Method Not Allowed

Login to user account

/api/users/login

Method	Request body (JSON)	Response
POST	username [- -] or email [- -], password [- -]	<div>200 Ok</div> <div>Token</div> <div>*JWT token*</div> <div>400 Bad Request</div> <div>422 Unprocessable Entity</div> <div>Details</div> <div>User account not found</div> <div>User account is not active</div> <div>Invalid authentication details were provided</div> <div>503 Service Unavailable</div>
Any other		405 Method Not Allowed

AUTHENTICATION PROCESS

Process of authentication user

Request header	Response
Authorization: JWT *token*	<div>401 Unauthorized</div> <div>Details</div> <div>Invalid authentication details # if password has been changed</div> <div>IP address doesn't match</div> <div>*Token error message*</div> <div>Invalid token</div> <div>Token not found</div> <div>503 Service Unavailable</div>

AUTH

Get details about currently logged in user

/api/users/me

Method	Request body (JSON)	Response
GET		200 Ok username, first_name, last_name, email, phone, birth_date, avatar, country, province, postcode, city, street, created_at
		503 Service Unavailable
PATCH	phone [9-12 digits] <i>or/and</i> id_country /int/ <i>or/and</i> id_province /int/ <i>or/and</i> postcode [1-6 characters] <i>or/and</i> <i>and</i> city [1-50 character] <i>or/and</i> street [1-50 characters] <i>or/and</i>	200 Ok
		400 Bad Request
		422 Unprocessable Entity # if id_country or id_province doesn't exist
		503 Service Unavailable
Any other		405 Method Not Allowed

AUTH

Change user password when logged in

/api/users/me/change_password

Method	Request body (JSON)	Response
POST	old_password [- -], new_password [- -]	200 Ok
		400 Bad Request
		422 Unprocessable Entity
		Details Invalid authentication details were provided
		503 Service Unavailable
Any other		405 Method Not Allowed

AUTH

Get login attempts

/api/users/me/login_attempts

Method	URL parameters	Response
GET	?page= /int/ ?order_by=(def. newest, oldest)	<div>200 Ok</div> <div> <div>pages,</div> <div>current_page,</div> <div>result /list/</div> <div>is_successful,</div> <div>ip_address,</div> <div>user_agent,</div> <div>created_at</div> </div> <div>422 Unprocessable Entity # if page overflows</div> <div>503 Service Unavailable</div>
Any other		405 Method Not Allowed

AUTH

Get notifications of current user

/api/users/me/notifications

Method	Request body (JSON)	Response
GET		<div>200 Ok</div> <div>/list/</div> <div> <div>id_notification,</div> <div>title_html,</div> <div>body_html,</div> <div>href,</div> <div>id_item,</div> <div>created_at</div> </div> <div>503 Service Unavailable</div>
POST	id_notification /int/	<div>200 Ok</div> <div>400 Bad Request</div> <div>422 Unprocessable Entity # if notification doesn't exist, current user is not recipient or is already read</div> <div>503 Service Unavailable</div>
Any other		405 Method Not Allowed

AUTH

Get favourites items

/api/users/me/favourites

Method	Response
GET	200 Ok <i>/list/</i> <div>id_favourite, id_item</div> 503 Service Unavailable
Any other	405 Method Not Allowed

AUTH

Get user related items

/api/users/me/items

Method	URL parameters	Response
GET	?page= <i>/int/</i> ?order_by=(def. newest, oldest, highest, lowest) ?category= <i>/string/</i> ?search= <i>/string/</i> ?type= (def. created, participated, ended, won)	200 Ok <div>pages, current_page, result <i>/list/</i> <div>id_item, name, description, id_creator, category, starting_price, starting_time, id_winner, ending_price, ending_time, max_bid, id_bidder, image</div> </div> 422 Unprocessable Entity <i># if page overflows</i> 503 Service Unavailable
Any other		405 Method Not Allowed

AUTH**# Get user discussions****/api/users/me/discussions**

Method	URL parameters	Response
GET	?page= /int/	<div>200 Ok</div> <div> <div>pages,</div> <div>current_page,</div> <div>result /list/</div> <div> <div>id_discussion,</div> <div>id_item,</div> <div>id_user,</div> <div>id_sender,</div> <div>content,</div> <div>created_at,</div> <div>is_read</div> </div> </div>
		422 Unprocessable Entity <i># if page overflows</i>
		503 Service Unavailable
Any other		405 Method Not Allowed

Reset user password**/api/users/reset_password**

Method	Request body (JSON)	Response
POST	email [- -]	<div>200 Ok</div> <div><i># URL with token to reset password is send to user's email. Valid for 15 minutes</i></div> <div>400 Bad Request</div> <div>422 Unprocessable Entity</div> <div> <div>Details</div> <div>User account is not active</div> <div>User account is not found</div> </div> <div>503 Service Unavailable</div>
Any other		405 Method Not Allowed

Confirm user password reset
/api/users/reset_password/confirm

Method	Request body (JSON)	Response
POST	token [valid], password [- -]	200 Ok
		400 Bad Request
		422 Unprocessable Entity
		Details
		Token error message
		503 Service Unavailable
Any other		405 Method Not Allowed

Get particular user details
/api/users/ /int/

Method	Response
GET	200 Ok
	<div>username, first_name, last_name, email, phone, avatar, country, province, postcode, city, street, last_online</div>
	404 Not Found
Any other	503 Service Unavailable
	405 Method Not Allowed

Other endpoint	404 Not Found
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Country object

Get all available countries
/api/countries

Method	Response
GET	200 Ok <i>/list/</i>
	id_country, name
	503 Service Unavailable
Any other	405 Method Not Allowed
Other endpoint	404 Not Found

Province object

Get all available provinces
/api/provinces

Method	Response
GET	200 Ok <i>/list/</i>
	id_province, name
	503 Service Unavailable
Any other	405 Method Not Allowed

Other endpoint	404 Not Found
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Favourite object

AUTH

Add favourite item

/api/favourites

Method	Request body (JSON)	Response
POST	id_item /int/	<div>201 Created</div> <div>400 Bad Request</div> <div>422 Unprocessable Entity</div> <div> Details <div>Can't add favourite # if item doesn't exist or user is item creator or item is already closed</div> <div>Item is already favourite</div> </div> <div>503 Service Unavailable</div>
Any other		405 Method Not Allowed

AUTH

Delete particular favourite

/api/favourites/ /int/

Method	Response
DELETE	<div>200 Ok</div> <div>404 Not Found</div> <div>422 Unprocessable Entity # if user is not favourite 'owner'</div> <div>503 Service Unavailable</div>
Any other	405 Method Not Allowed
Other endpoint	404 Not Found

Category object

Get all available product categories

/api/categories

Method	Response
GET	200 Ok
	/list/
	id_category, name
	503 Service Unavailable
Any other	405 Method Not Allowed

Other endpoint	404 Not Found
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Item object

Get all available items

/api/items

Method	Request body (JSON)	URL parameters	Response
GET		?page= /int/ ?order_by=(def. newest, oldest, highest, lowest) ?category= /string/ ?search= /string/	<div>200 Ok</div> <div> <div>pages,</div> <div>current_page,</div> <div>result /list/</div> <div> <div>id_item,</div> <div>name,</div> <div>description,</div> <div>id_creator,</div> <div>category,</div> <div>starting_price,</div> <div>starting_time,</div> <div>ending_price,</div> <div>ending_time,</div> <div>max_bid,</div> <div>id_bidder,</div> <div>image</div> </div> </div> <div>422 Unprocessable Entity # if page overflow</div> <div>503 Service Unavailable</div>
AUTH POST	name [1-100 characters], description [1-500 characters], id_category /int/, starting_price [valid decimal e.g. '1.25'], ending_time [format 'd.m.Y H:i:s']		<div>201 Created</div> <div>id_item</div> <div>400 Bad Request</div> <div>422 Unprocessable Entity # if category doesn't exist or ending time is not in the future</div> <div>503 Service Unavailable</div>
Any other			405 Method Not Allowed

Get particular item

/api/items/ /int/

Method	Response
GET	200 Ok
	name, description, id_creator, category, starting_price, starting_time, id_winner, ending_price, ending_time, is_closed, max_bid, id_bidder images /list/
	404 Not Found
	503 Service Unavailable
Any other	405 Method Not Allowed
Other endpoint	404 Not Found

Item Image object

AUTH

Add image to item

/api/itemsImages

Method	Request body (form-data)	Response
POST	id_item /int/, is_main ["True"/def. 'False'], image /file/	201 Created
		400 Bad Request # if don't have all request body data or if file type is other from jpeg/png or if errors with uploading
		422 Unprocessable Entity # item doesn't exist or is not creator of message
		503 Service Unavailable
Any other		405 Method Not Allowed
Other endpoint		404 Not Found

Bid object

AUTH

Add bid offert to item

/api/bids

Method	Request body (JSON)	Response
POST	id_item /int/, bid_price [valid decimal e.g. '1.25']	201 Created
		400 Bad Request
		422 Unprocessable Entity # item doesn't exist or is already closed or bid price is lower or same as previous bid and starting price or if current user is creator of item
		503 Service Unavailable
Any other		405 Method Not Allowed
Other endpoint		404 Not Found

Discussion object

AUTH

Add new item discussion

/api/discussions

Method	Request body (JSON)	Response
POST	id_item /int/ content [1-300 characters]	<div>201 Created</div> <div>id_message</div> <div>400 Bad Request</div> <div>422 Unprocessable Entity</div> <div>Details</div> <div>Item doesn't exist</div> <div>User is product creator</div> <div>503 Service Unavailable</div>
Any other		405 Method Not Allowed

AUTH

Get whole particular discussion

/api/discussions/ /int/

Method	Url parameters	Response
GET	?page= /int/	<div>200 Ok</div> <div> id_item, id_creator, id_user, pages, current_page, result /list/ id_sender, content, created_at, is_read, images /list/ </div> <div>404 Not Found</div> <div>422 Unprocessable Entity # if overflow and user</div> <div>503 Service Unavailable</div>
Any other		405 Method Not Allowed

Other endpoint	404 Not Found
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Message object

AUTH

Add new message to discussion

/api/messages

Method	Request body (JSON)	Response
POST	id_discussion /int/, content [1-300 characters]	201 Created
		id_message
		400 Bad Request
		422 Unprocessable Entity
		Details
		Discussion doesn't exist
		# if user do not participate in discussion
		503 Service Unavailable
Any other		405 Method Not Allowed
Other endpoint		404 Not Found

Message Image object

AUTH

Add image to message

/api/messagesImages

Method	Request body (form-data)	Response
POST	id_message /int/ image /file/	<div>201 Created</div> <div>400 Bad Request # <i>if don't have all request body data or if file type is other from jpeg/png or if errors with uploading</i></div> <div>422 Unprocessable Entity</div> <div> Details Message doesn't exist # <i>or is not creator of message</i> </div> <div>503 Service Unavailable</div>
Any other		405 Method Not Allowed
Other endpoint		404 Not Found

Database Relational Diagram

