

auction

(DONE) GET /auction (get all auction info stored in database)

NOTE: the result size is limited to 10 currently

Request: GET /auction	Response: <i>status code: 200</i> { "data": [{ "status": "bidding", "image": "string", "id": 13, "updated": "2019-11-14 11:24:22", "created": "2019-11-14 11:24:22", "title": "Wei Jin Wu Pin", "description": "string", "location": "string", "seller_id": 0, "seller_name": "string", "category": "string", "price": 0, "end_time": "2010-10-10 12:12:12", "bidding_info": [] }, ...], "message": "Auction create successfully" }
-------------------------------------	---

POST /auction (create an auction item)

Request: { "seller_name": "string", "image": ["string"], "end_time": "string", "seller_id": 0, "price": 0, "title": "string", }	Response: <i>status code: 200</i> { "data": { "status": "bidding", "image": ["string"], "id": 13, "updated": "2019-11-14 11:24:22", }
--	--

<pre> "category": "string" "description": "string" "location": "string" } </pre>	<pre> "created": "2019-11-14 11:24:22", "title": "Wei Jin Wu Pin", "description": "string", "location": "string", "seller_id": 0, "seller_name": "string", "category": "string" "price": 0, "end_time": "2010-10-10 12:12:12", "bidding_info": [] }, "message": "Auction create successfully" } </pre>
--	--

GET /auction/search-key/{search-key} (search by keyword)

Request	Response
<p><u>GET /auction/search-key/{search-key}</u></p>	<p><i>status code: 200</i></p> <pre> [{ "status": "bidding", "image": "https://static.artfire.com/uploads/mfs/items/e7/26/default/e726bf372fc6bc236f9c9f067f3024585bdee7a76a0e8e30807b3a457b752eca.jpg", "seller_id": 2, "seller_name": "AmeliaOriginals", "id": 9, "title": "Gold Toned Wire Woven Cursive \"I\" Pendant Necklace", "created": "2019-11-12 01:44:52", "updated": "2019-11-12 01:44:52", "description": "Gold Toned Wire Woven Cursive &quot;l&quot; Pendant Necklace", "location": "string", "price": 90, "end_time": "2019-12-27 18:41:54", "bidding_info": [], "category": "Pet Supplies" }, ...] </pre>

GET /auction/search/filter (search with filter)

Request	Response
	<pre>status code: 200 [{ "status": "bidding", "image": "https://static.artfire.com/uploads/mfs/items/e7/26/default/e726bf372fc6bc236f9c9f067f3024585bdee7a76a0e8e30807b3a457b752eca.jpg", "seller_id": 2, "seller_name": "AmeliaOriginals", "id": 9, "title": "Gold Toned Wire Woven Cursive \"I\" Pendant Necklace", "created": "2019-11-12 01:44:52", "updated": "2019-11-12 01:44:52", "description": "Gold Toned Wire Woven Cursive "I" Pendant Necklace", "location": "string", "price": 90, "end_time": "2019-12-27 18:41:54", "bidding_info": [], "category": "Pet Supplies" }, ...]</pre>

GET /auction/{item_id} (get information of an auction item)

Request: GET /auction/{item_id}	Response: <i>status code: 200</i> { "data": { "status": "bidding", "image": "string", "seller_name": "string", "id": 13, "updated": "2019-11-14 11:24:22", "title": "Wei Jin Wu Pin", "created": "2019-11-14 11:24:22", "description": "string", "location": "string", "seller_id": 0, "price": 0, "end_time": "2010-10-10 12:12:12", "bidding_info": [{ "bid_id": 0, "user_id": 0, "item_id": 33 "proposal_price": 12 }], "category": "string" }, "message": "Auction create successfully" }
---	---

DELETE /auction/{item_id} (delete an auction by id)

Request: DELETE /auction/{item_id}	Response <i>status code: 200</i> { "result": "ok" "message": "Action success" } Response <i>status code: 400</i> { "result": "fail" "message": "can't delete auction with biddings" }
--	--

	<i>status code: 404</i> <pre>{ "result": "fail" "message": "item not found" }</pre>
--	--

PUT /auction/{item_id} (update auction details)

Request Only contains the fields need to be updated payload: <pre>{ "image": "string", "title": "string", "description": "string", "location": "string", "end_time": "string", "price": 0, "category": "string" }</pre>	Response Response <i>status code: 200</i> <pre>{ "result": "ok" "message": "Action success" }</pre> Response <i>status code: 404</i> <pre>{ "result": "fail" "message": "item not found" }</pre> <i>status code: 400</i> <pre>{ "result": "fail" "message": "<reason for failing>" }</pre>
--	--

account

POST /account/register (create an account)

Request payload: <pre>{ "password": "string", "email": "string" }</pre>	Response <i>status code: 200</i> <pre>{ "result": "ok" "message": "Action success" }</pre> Response
--	---

	<i>status code: 400</i> <pre>{ "result": "fail" "message": "<reason for failing>" }</pre>
--	--

POST /account/signin (log in)

Request payload: <pre>{ "password": "string", "email": "string" }</pre>	Response <i>status code: 200</i> <pre>{ "result": "ok" "data": { "email": "test@gmail.com", "user_id": 1, "paymentMethod": ["Visa", "Master", "wechat"], "first_name": "Jimmy", "last_name": "Lai", "phone_number": "0437462648", "favorites": [], "DOB": "2000-12-12", "location": "United States", "rating": 4, "Token": "ffhfsd897fsd98few79fewe7we9", "Auction": [], "bids": [], "avatar": https://static.artfire.com/img/1x/crop/65/65/-/uploads/mfs/avatars/e0/53/e05362e95dd59c9181a9694096ca0825e73089d29a6058522f8115da7d961ea0.jpg } }</pre> Response <i>status code: 400</i> <pre>{ "result": "fail" "message": "<reason for failing>" }</pre>
--	---

DELETE /account/signout/{token} (log out)

Request	Response <i>status code: 200</i>
----------------	--

DELETE /account/signout/{token}	<pre>{ "result": "ok" "message": "Action success" }</pre> <p>Response</p> <p><i>status code: 404</i></p> <pre>{ "result": "fail" "message": "user not found" }</pre> <p><i>status code: 400</i></p> <pre>{ "result": "fail" "message": "<reason for failing>" }</pre>
---------------------------------	--

GET /manage_profile/{user_id}

<p>Request</p> <p>GET /manage_profile/{user_id}</p>	<p>Response</p> <p>status code 200</p> <pre>{ "email": "test@gmail.com", "user_id": 1, "phone_number": "0483737373" "paymentMethod": ["Visa", "Master", "Wechat"], "first_name": "Jimmy", "last_name": "Lai", "favorites": [], "DOB": "", "location": "United States", "rating": 4, "avatar": "https://static.artfire.com/img/1x/crop/65/65/-/ uploads/mfs/avatars/e0/53/e05362e95dd59c9 181a9694096ca0825e73089d29a6058522f81 15da7d961ea0.jpg" }</pre> <p>Response</p> <p><i>status code: 404</i></p> <pre>{</pre>
--	--

	<pre> "result": "fail" "message": "user not found" } status code: 400 { "result": "fail" "message": <reason for failing> </pre>
--	--

PUT /manage_profile/{user_id}

Request	Response
<pre> PUT /manage_profile/{user_id} { "password": "test@123@" "email": "test@gmail.com", "paymentMethod": ["Visa", "Master", "Wechat"], "first_name": "Jimmy", "last_name": "Lai", "Phone_number": "0438475957", "favorites": [], "DOB": "", "location": "United States", "avatar": "https://static.artfire.com/img/1x/crop/65/65/-/ uploads/mfs/avatars/e0/53/e05362e95dd59c9 181a9694096ca0825e73089d29a6058522f81 15da7d961ea0.jpg" } </pre>	<pre> status code 200 { "result": "ok" "message": "Action success" } Response status code: 404 { "result": "fail" "message": "user not found" } status code: 400 { "result": "fail" "message": <reason for failing> </pre>

GET /get_user_auctions/{user_id}

Request:	Response
<pre> GET /get_user_auctions/{user_id} </pre>	<pre> status code: 200 { "result": "ok" "auctions": [{ "bid_id": 0, "user_id": 0, "item_id": 33 "proposal_price": 12 }....] } </pre>

	Response status code: 404 <pre>{ "result": "fail" "message": "user not found" }</pre> <i>status code: 400</i> <pre>{ "result": "fail" "message": <reason for failing> }</pre>
--	--

GET /get_user_biddings/<user_id>

Request: GET /get_user_biddings/<user_id>	Response: <i>status code: 200</i> <pre>{ "bids":[{ "status": "bidding", "image": ["string"], "id": 13, "updated": "2019-11-14 11:24:22", "created": "2019-11-14 11:24:22", "title": "Wei Jin Wu Pin", "description": "string", "location": "string", "seller_id": 0, "seller_name": "string", "category": "string" "price": 0, "end_time": "2010-10-10 12:12:12", "bidding_info": [] }, ...], "message": "Get auctions successfully" }</pre>
---	---

bidding

(DONE) PUT /bidding/operations/ (accept or decline a bid)

Request:	Response:
Seller PUT /bidding/operations/ payload: { item_id: integer, user_id: integer, (the id of the user who made the request) operation: string } where operation is either "accept" or "decline"_without quotation marks	 status code 200 { "result": "ok" "message": "The bid is accepted/declined successfully", "bid_id": 0 } Response status code: 404 { "result": "fail" "message": "auction item not found" } status code : 400 { "result": "fail" "message": "No bid on this item" } status code: 400 { "result": "fail" "message": "invalid operation" } status code : 400 { "result": "fail" "message": "The user is not the seller of this item" }

(DONE) POST /bidding/

<p>Request: Buyer payload: { "item_id": 33 "user_id": 10, "proposal_price": 12 } - Only can propose price higher than the current max bidding price - Can't propose the same price with existing bidding</p>	<p>Response status code: 200 { "result": "ok" "message": "The bid has been proposed successfully" "data": <i>bidding_info</i> } Response status code: 404 { "result": "fail" "message": "Item not found" } status code: 400 { "result": "fail" "message": "proposal price can't be less than current bidding price" }</p>
--	---

(DONE) GET /bidding/{bid_id}

<p>Request:</p>	<p>Response status code: 200 { "result": "ok" "data": { "bid_id": 0, "user_id": 0, "item_id": 33 "proposal_price": 12 } } Response status code: 404 { "result": "fail" "message": "item not found" } status code: 400 {</p>
------------------------	---

	<pre> "result": "fail" "message": <reason for failing> } </pre>
--	---

(DONE)DELETE /bidding/{bid_id}

Request: DELETE /bidding/{bid_id}	Response <i>status code: 200</i> <pre> { "result": "ok" "message": "Specified bidding is deleted successfully" } </pre> Response <i>status code: 404</i> <pre> { "result": "fail" "message": "bid item not found" } </pre> <i>status code: 400</i> <pre> { "result": "fail" "message": "seller accepted bidding" } </pre>
---	---

=====14Nov=====

(DONE)PUT /auction/favorite/set

Request: Payload <pre> { user_id: 2, auction_id: 7 } </pre>	Response <i>status code: 200</i> <pre> { "result": "ok" "message": "favourite auction added" } </pre> Response <i>status code: 404</i> <pre> { "result": "fail" } </pre>
---	--

	<pre> "message": "item not found" } status code: 400 { "result": "fail" "message": <reason for failing> } </pre>
--	---

(DONE)PUT /auction/favorite/unset

Request: Payload <pre> { user_id: 2, auction_id: 7 } </pre>	Response status code: 200 <pre> { "result": "ok" "message": "Action success" } </pre> Response status code: 404 <pre> { "result": "fail" "message": "item not found" } status code: 400 { "result": "fail" "message": <reason for failing> } </pre>
--	--

(DONE)GET /categories/

Payload <pre> { auction_id: 7 } </pre>	Response status code: 200 <pre> { "result": "ok" "message": "Action success" } </pre> Response status code: 404 <pre> { </pre>
---	--

	<pre> "result": "fail" "message": "item not found" } status code: 400 { "result": "fail" "message": "<reason for failing>" } </pre>
--	--

POST /notifications

<p>Request</p> <p>Payload</p> <pre> { "token" : "xxxxxxxxxxxxxxxxxxxxx" } </pre>	<p>Response</p> <pre> status code: 200 { "result": "ok" "auction_id": "", "bid_id" "message" : "accept" or "decline" or "outbid" or "new" or "comment" "data" : bid object or message object } Response status code: 404 { "result": "fail" "message": "item not found" } status code: 400 { "result": "fail" "message": "<reason for failing>" } </pre>
--	---

(DONE) GET /auction/rating/{item_id} (get all ratings on an auction item specified by item_id)

<p>Request</p> <p>GET /auction/rating/{item_id}</p>	<p>Response</p> <p>status code: 200</p> <pre>{ "result": "OK", "item_id": 0 "ratings": [{ "rating_id": 0, "buyer_id" : 6, "item_id" : 30, "rating" : 5 }, { "rating_id": 1, "buyer_id" : 7, "item_id" : 30, "rating" : 4 }] }</pre> <p>Response</p> <p>status code: 404</p> <pre>{ "result": "fail" "message": "item not found" }</pre> <p>status code: 400</p> <pre>{ "result": "fail" "message": "<reason for failing>" }</pre>
---	---

(DONE?)PUT /auction/rating (rate an auction item)

<p>Request</p> <p>Payload</p> <pre>{ "buyer_id" :6, "item_id" :30, "rating" :5 }</pre> <p>Only successful bidding user can place rating So validations required validation done</p>	<p>Response</p> <p>status code: 200</p> <pre>{ "message": "the auction has been rated", "result": "OK", "data": { "rating_id": 0, "buyer_id" :6, "item_id" :30, "rating" :5 } }</pre> <p>Response</p> <p>status code: 404</p> <pre>{ "result": "fail" "message": "item not found" }</pre> <p>status code: 400</p> <pre>{ "result": "fail" "message": "<reason for failing>" }</pre>
---	--