**Market Place APIs**

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# API Details

Base URL: https://somedomain.com

Authentication: authentication details…

Header

Content-Type: application/json

Accept: application/json

…….

…….

# APIs

## Lots

### Add a Lot

**Endpoint:** /lot

**Method:** POST

**payload:**

{

    "sellerId":integer,

    "weight": integer,

    "originCountryCode": "string",

    "harvestingDate": "date (YYYY-mm-dd)",

    "cultivat": "string"

}

**Sample Body:**

{

    "sellerId":109,

    "weight": 1000,

    "originCountryCode": "UK",

    "harvestingDate": "2022-10-06",

    "cultivat": "Red Dacca"

}

**Response:**

Status: 201

{

"success": **true,**

"message": "string"**,**

"data": {

    "lotId": integer,

  }

}

**Sample Response:**

Status: 201

{

"success": **true,**

"message": "lot added successfully"**,**

"data": {

    " lotId": 989,

  }

}

**Sample Response:**

Status: 403

{

"success": **false,**

"message": "invalid input: weight"**,**

"data": {

  }

}

### Update a Lot

**Endpoint:** /lot/{lotId}

**Method:** PUT

**payload:**

{

    "sellerId":integer,

    "weight": integer,

    "originCountryCode": "string",

    "harvestingDate": "date (YYYY-mm-dd)",

    "cultivat": "string"

}

**Sample Body:**

{

    "sellerId":109,

    "weight": 1000,

    "originCountryCode": "UK",

    "harvestingDate": "2022-10-06",

    "cultivat": "Red Dacca"

}

**Response:**

Status: 200

{

"success": **true,**

"message": "string"**,**

"data": {

  }

}

**Sample Response:**

Status: 200

{

"success": **true,**

"message": "lot updated successfully"**,**

"data": {

  }

}

**Sample Response:**

Status: 403

{

"success": **false,**

"message": "invalid input: weight"**,**

"data": {

 }

}

### Get All Seller’s Lots

**Endpoint:** /lot/{sellerId}

**Method:** GET

**Response:**

Status: 200

{

"success": **true,**

"message": "string"**,**

"data": {

    "data": [

{

    "sellerId":integer,

    "weight": integer,

    "originCountryCode": "string",

    "harvestingDate": "date (YYYY-mm-dd)",

    "cultivat": "string"

},

{

    "sellerId":integer,

    "weight": integer,

    "originCountryCode": "string",

    "harvestingDate": "date (YYYY-mm-dd)",

    "cultivat": "string"

}

**…**

],

"pagination": {

"currentPage": integer,

"totalPages": integer,

"perPage": integer,

}

  }

}

**Sample Response:**

{

"success": **true,**

"message": "string"**,**

"data": {

    "data": [

{

    "sellerId":integer,

    "weight": integer,

    "originCountryCode": "string",

    "harvestingDate": "date (YYYY-mm-dd)",

    "cultivat": "string"

},

{

    "sellerId":integer,

    "weight": integer,

    "originCountryCode": "string",

    "harvestingDate": "date (YYYY-mm-dd)",

    "cultivat": "string"

}

**…**

],

"pagination": {

"currentPage": integer,

"totalPages": integer,

"perPage": integer,

}

  }

}

**Sample Response:**

Status: 403

{

"success": **false,**

"message": "invalid sellerId"**,**

"data": {

  }

}

## Auctions

### Create an Auction

**Endpoint:** /auction

**Method:** POST

**payload:**

{

    "sellerId":integer,

    "lotId": integer,

    "auctionStartDate": "date (YYYY-mm-dd)",

    "auctionEndDate ": "date (YYYY-mm-dd)",

    "minAmount": float,

}

**Sample Body:**

{

    "sellerId":234,

    "lotId": 124,

    "auctionStartDate": "2022-11-28",

    "auctionEndDate ": "2022-11-30",

"minAmount": 2000

}

**Response:**

Status: 201

{

"success": **true,**

"message": "string"**,**

"data": {

    "auctionId": integer,

  }

}

**Sample Response:**

Status: 201

{

"success": **true,**

"message": "Auction created successfully"**,**

"data": {

    " auctionId": 29,

  }

}

**Sample Response:**

Status: 403

{

"success": **false,**

"message": "invalid input: date"**,**

"data": {

  }

}

### Update an Auction

**Endpoint:** /auction/{auctionId}

**Method:** PUT

**payload:**

{

"auctionStartDate": "date(YYYY-MM-DD)",

    "auctionEndDate ": " date(YYYY-MM-DD)",

"minAmount": integer

    "status": "string"

}

**Sample Body:**

{

    "auctionStartDate": "2022-11-28",

    "auctionEndDate ": "2022-11-30",

"minAmount": 2000,

    "status": "closed"

}

**Response:**

Status: 200

{

"success": **true,**

"message": "string"**,**

"data": {

  }

}

**Sample Response:**

Status: 200

{

"success": **true,**

"message": "auction updated successfully"**,**

"data": {

  }

}

**Sample Response:**

Status: 403

{

"success": **false,**

"message": "invalid input: auctionId"**,**

"data": {

 }

}

### Get all Auctions

**Endpoint:** /auctions

**Method:** GET

**Response:**

Status: 200

{

"success": **true,**

"message": "string"**,**

"data": {

    "data": [

{

    "auctionId":integer,

    "startDate": integer,

    "endDate": "string",

    "lotDetails": {

     "lotId": integer,

"weight": integer,

     "originCountryCode": "string",

     "harvestingDate": "date (YYYY-mm-dd)",

     "cultivat": "string"

}

},

{

    "auctionId":integer,

    "startDate": integer,

    "endDate": "string",

    "lotDetails": {

     "lotId": integer,

"weight": integer,

     "originCountryCode": "string",

     "harvestingDate": "date (YYYY-mm-dd)",

     "cultivat": "string"

}

}

**…**

],

"pagination": {

"currentPage": integer,

"totalPages": integer,

"perPage": integer,

}

  }

}

**Sample Response:**

Status: 200

{

"success": **true,**

"message": "string"**,**

"data": {

    "data": [

{

    "auctionId":integer,

    "startDate": integer,

    "endDate": "string",

    "lotDetails": {

     "lotId": integer,

"weight": integer,

     "originCountryCode": "string",

     "harvestingDate": "date (YYYY-mm-dd)",

     "cultivat": "string"

}

},

{

    "auctionId":integer,

    "startDate": integer,

    "endDate": "string",

    "lotDetails": {

     "lotId": integer,

"weight": integer,

     "originCountryCode": "string",

     "harvestingDate": "date (YYYY-mm-dd)",

     "cultivat": "string"

}

}

**…**

],

"pagination": {

"currentPage": integer,

"totalPages": integer,

"perPage": integer,

}

  }

}

**Sample Response:**

Status: 404

{

"success": **false,**

"message": "not found"**,**

"data": {

  }

}

## Bidding an Auction

**Endpoint:** /bidAction

**Method:** POST

**payload:**

{

    "userId":integer,

    "AuctionId": integer,

    "BidDate": "date (YYYY-mm-dd)",

    "bidAmount": float

}

**Sample Body:**

{

    "userId":232,

    "AuctionId": 222,

    "BidDate ": "2022-11-28",

"minAmount": 3000

}

**Response:**

Status: 201

{

"success": **true,**

"message": "string"**,**

"data": {

    "BidId": integer,

  }

}

**Sample Response:**

Status: 201

{

"success": **true,**

"message": "Bidding created successfully"**,**

"data": {

    " BidId ": 29,

  }

}

**Sample Response:**

Status: 403

{

"success": **false,**

"message": "invalid input: date"**,**

"data": {

  }

}