

API Docs

This is the REST API Docs for the project.

Variable types and expected values

Variable name	Must be	Used in	Why
\${STATUS}	That's must be a valid int described on RESPONSE STATUS CODE TABLE	Response	This is need because it can pass decision for the front-end if needed
\${JWT}	JSON Web Token String	Request & Response	JWT cannot be changed by user, just by server
\$ {DATE_VALID_FORMAT_TYPE}	A string described on "Valid date format types and examples", like "ISO_STRING"	Request & Response	To make API easier to use

Valid date format types and examples

Type	Must be	Example
TIMESTAMP	A UNIX TIMESTAMP INTEGER, BASED ON 0 UTC (ZULU TIME)	1647865531
ISO_STRING	A ISO 8601 STRING, BASED ON 0 UTC (ZULU TIME)	2011-10-05T14:48:00.000Z

Personal response status code table

Number	Description
-1	Something generic occurs on server, a generic error
0	All things are fine, nothing needed, reliable as 200 HTTP STATUS
1	User investor name already exists
2	Investment already withdrawn
3	User or password invalid

Admin User Login Token Retrieve

POST /api/v1/admin/login

Body request

```
{
  "user": "",
  "password": ""
}
```

Body response

```
{
  "status": ${STATUS},
  "token": "${JWT}"
}
```

Create Investment Owner

PUT /api/v1/investments/user/create

Body request

```
{
  "_credentials": {
    "token": "${JWT}"
  },
  "name": ""
}
```

Body response

```
{
  "status": ${STATUS},
  "owner_id": ${INT}
}
```

Create Investment Order

PUT /api/v1/investments/create

Body request

```
{
  "_credentials": {
    "token": "${JWT}"
  },
  "owner_id": ${OWNER_ID},
  "creation_date": {
    "format": "${DATE_VALID_FORMAT_TYPE}",
    "value": "${FORMATTED_DATE}"
  },
  "investment_value": {
    "decimals": ${INT},
    "value": ${INT}
  }
}
```

Body response

```
{
  "status": ${STATUS},
  "investment_id": ${INT}
}
```

View Investment

POST /api/v1/investments/view

Body request

```
{
  "_credentials": {
    "token": "${JWT}"
  },
  "investment_id": ${INT},
  "format": "${DATE_VALID_FORMAT_TYPE}",
  "decimals": ${INT}
}
```

Body response

```
{
  "status": ${STATUS},
  "already_withdrawed": ${BOOL},
  "creation_date": {
    "format": "${DATE_VALID_FORMAT_TYPE}",
    "value": "${FORMATTED_DATE}"
  },
  "initial_amount": {
    "decimals": ${INT},
    "value": ${INT},
  },
  "amount": {
    "decimals": ${INT},
    "value": ${INT},
  }
}
```

Withdrawal Investment

POST /api/v1/investments/withdrawal

Body request

```
{
  "_credentials": {
    "token": "${JWT}"
  },
  "investment_id": ${INT},
  "format": "${DATE_VALID_FORMAT_TYPE}",
  "decimals": ${INT}
}
```

Body response

```
{
  "status": ${STATUS},
  "already_withdrawed": ${BOOL},
  "creation_date": {
    "format": "${DATE_VALID_FORMAT_TYPE}",
    "value": "${FORMATTED_DATE}"
  },
  "withdraw_date": {
    "format": "${DATE_VALID_FORMAT_TYPE}",
    "value": "${FORMATTED_DATE}"
  },
  "initial_amount": {
    "decimals": ${INT},
    "value": ${INT},
  },
  "amount": {
    "decimals": ${INT},
    "value": ${INT},
  }
}
```

View User Investment's List

POST /api/v1/investments/user/investments/list

Body request

```
{
  "_credentials": {
    "token": "${JWT}"
  },
  "user_id": ${INT},
  "format": "${DATE_VALID_FORMAT_TYPE}",
  "decimals": ${INT}
}
```

Body response

```
{
  "status": ${STATUS},
  "list": [
    {
      "investment_id": ${INT},
      "already_withdrawn": ${BOOL},
      "creation_date": {
        "format": "${DATE_VALID_FORMAT_TYPE}",
        "value": "${FORMATTED_DATE}"
      },
      "withdraw_date": {
        "format": "${DATE_VALID_FORMAT_TYPE}",
        "value": "${FORMATTED_DATE}"
      },
      "initial_amount": {
        "decimals": ${INT},
        "value": ${INT},
      },
      "amount": {
        "decimals": ${INT},
        "value": ${INT},
      }
    }
  ]
}
```