Lottery Search API Specification

Authentication

Every request in this module requires an **Authorization** header: `Authorization: Bearer <accessToken>`

---

1. Search Lottery

FIELD	VALUE
Method	`GET`
URL	`{{host}}/api/v1/lotteries/search`
Description	Search for lottery tickets by number pattern

Header Attributes

HEADER	REQUIRE	TYPE	DESCRIPTION	EXAMPLE VALUE
`Authorization`	true	String	Bearer	`Bearer eyJhbGci...`

Query Parameters

PARAMETER	REQUIRE	TYPE	DESCRIPTION	EXAMPLE VALUE
`pattern`	true	String	6-character pattern (e.g. 123***, ****56)	`****23`

Example Request

`GET {{host}}/api/v1/lotteries/search?pattern=****23`

Example Response (200 OK)

```
{
    "count": 10,
    "pattern": "****23",
    "results": [
        {
            "ID": "698b6e4cd9666be7d11fffc2",
            "Number": "004223",
            "Status": "reserved",
            "ReservedUntil": "2026-02-10T18:19:01.396Z",
            "ReservedBy": "580e17b3-52c5-47d6-8e1e-a7293d72c375",
            "CreatedAt": "2026-02-10T17:43:40.062Z",
            "UpdatedAt": "2026-02-10T18:14:01.396Z"
        },
        {
            "ID": "698b6e4cd9666be7d120266f",
            "Number": "014123",
            "Status": "reserved",
            "ReservedUntil": "2026-02-10T18:19:01.396Z",
            "ReservedBy": "580e17b3-52c5-47d6-8e1e-a7293d72c375",
            "CreatedAt": "2026-02-10T17:43:40.339Z",
            "UpdatedAt": "2026-02-10T18:14:01.396Z"
```

```
    },
    {
        "ID": "698b6e4cd9666be7d1201f67",
        "Number": "012323",
        "Status": "reserved",
        "ReservedUntil": "2026-02-10T18:19:01.396Z",
        "ReservedBy": "580e17b3-52c5-47d6-8e1e-a7293d72c375",
        "CreatedAt": "2026-02-10T17:43:40.339Z",
        "UpdatedAt": "2026-02-10T18:14:01.396Z"
    },
    {
        "ID": "698b6e4cd9666be7d12024df",
        "Number": "013723",
        "Status": "reserved",
        "ReservedUntil": "2026-02-10T18:19:01.396Z",
        "ReservedBy": "580e17b3-52c5-47d6-8e1e-a7293d72c375",
        "CreatedAt": "2026-02-10T17:43:40.339Z",
        "UpdatedAt": "2026-02-10T18:14:01.396Z"
    },
    {
        "ID": "698b6e4cd9666be7d11ff8ba",
        "Number": "002423",
        "Status": "reserved",
        "ReservedUntil": "2026-02-10T18:19:01.396Z",
        "ReservedBy": "580e17b3-52c5-47d6-8e1e-a7293d72c375",
        "CreatedAt": "2026-02-10T17:43:40.062Z",
        "UpdatedAt": "2026-02-10T18:14:01.396Z"
    },
    {
        "ID": "698b6e4cd9666be7d1201ab7",
        "Number": "011123",
        "Status": "reserved",
        "ReservedUntil": "2026-02-10T18:19:01.396Z",
        "ReservedBy": "580e17b3-52c5-47d6-8e1e-a7293d72c375",
        "CreatedAt": "2026-02-10T17:43:40.339Z",
        "UpdatedAt": "2026-02-10T18:14:01.396Z"
    },
    {
        "ID": "698b6e4cd9666be7d120102a",
        "Number": "008423",
        "Status": "reserved",
        "ReservedUntil": "2026-02-10T18:19:01.396Z",
        "ReservedBy": "580e17b3-52c5-47d6-8e1e-a7293d72c375",
        "CreatedAt": "2026-02-10T17:43:40.063Z",
        "UpdatedAt": "2026-02-10T18:14:01.396Z"
    },
    {
        "ID": "698b6e4cd9666be7d11ff91e",
        "Number": "002523",
        "Status": "reserved",
        "ReservedUntil": "2026-02-10T18:19:01.396Z",
        "ReservedBy": "580e17b3-52c5-47d6-8e1e-a7293d72c375",
        "CreatedAt": "2026-02-10T17:43:40.062Z",
        "UpdatedAt": "2026-02-10T18:14:01.396Z"
    },
    {
        "ID": "698b6e4cd9666be7d11fff5e",
        "Number": "004123",
        "Status": "reserved",
        "ReservedUntil": "2026-02-10T18:19:01.396Z",
        "ReservedBy": "580e17b3-52c5-47d6-8e1e-a7293d72c375",
        "CreatedAt": "2026-02-10T17:43:40.062Z",
        "UpdatedAt": "2026-02-10T18:14:01.396Z"
    },
    {
        "ID": "698b6e4cd9666be7d1200602",
        "Number": "005823",
```

```
            "Status": "reserved",
            "ReservedUntil": "2026-02-10T18:19:01.396Z",
            "ReservedBy": "580e17b3-52c5-47d6-8e1e-a7293d72c375",
            "CreatedAt": "2026-02-10T17:43:40.063Z",
            "UpdatedAt": "2026-02-10T18:14:01.396Z"
        }
    ]
}
```

Error Responses

- **400 Bad Request**: Missing pattern or invalid pattern format.
- **401 Unauthorized**: Missing or invalid authentication token.
- **500 Internal Server Error**: Database or cache connection issues.