

[← Back to Main Docs](#)

# Summary API

## Get All Summary

**Endpoint:** `GET /api/Summary`  
**Authorization:** Required  
**Description:** Retrieves a summary of statistics based on the role of the user (Librarian or Teacher).

### Request Parameters

Parameter	Type	Description	Required
<code>user_id</code>	<code>int</code>	The ID of the user requesting the summary.	<input checked="" type="checkbox"/>

### Response

#### Success (200) - Librarian

If the user is a **Librarian**, the response contains a detailed summary:

```
{
  "groups": 5,
  "books": 120,
  "students": 200,
  "teachers": 10,
  "librarian": 3,
  "downloads": 50,
  "status": "SUCCESS",
  "error": ""
}
```

#### Success (200) - Teacher

If the user is a **Teacher**, the response includes a limited summary:

```
{
  "books": 120,
  "groups": 5,
  "status": "SUCCESS",
  "error": ""
}
```

## Failure Responses

- **400 Bad Request** - If the `user_id` is invalid (not found or not authorized).

```
{
  "status": "FAILED",
  "error": "user_id is invalid."
}
```

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## Notes

- **Librarian** users get a full breakdown of books, groups, students, teachers, librarians, and downloads.
- **Teacher** users get a limited summary containing books and groups.
- This endpoint requires **Authorization**.