# Error Code Standards

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| **HTTP Status** | **Error Side (Developer, Client, Undefined)** | **Error Code** |
| Internal Server Error | Undefined | 9999 |
| Internal Server Error | Developer | 1xxx |
| Bad Request | Client | 2xxx |
| Unauthorized | Client | 3xxx |
| Forbidden | Client | 4xxx |
| Not Found | Client | 5xxx |

# Current Error Code

## Special:

* Undefined error: 9999 (Status: Internal server error)
* Success: 1000 (Status: ok)

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| --- | --- | --- | --- | --- | --- |
| **Developer error (1xxx – Internal Server Error)** | **Input error**  **(2xxx – Bad Request)** | **Existed error**  **(3xxx – Bad Request)** | **Not Found error**  **(4xxx – Not Found)** | **Unauthenticated error (5xxx - Unauthorized)** | **Unauthorized error (6xxx - Forbidden)** |
| INVALID KEY (1001) | INVALID USERNAME (2001) | USER\_EXISTED (3001) | USER NOT FOUND (4001) |  | UNAUTHORIZED (6001) |
|  | INVALID PASSWORD (2002) |  | ROLE NOT FOUND (4002) |  |  |
|  | REQUIRED EMAIL (2003) |  |  |  |  |