# 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) | INVALID\_TOKEN  (5001) | UNAUTHORIZED (6001) |
| CAN NOT SEND EMAIL (1002) | INVALID PASSWORD (2002) | USER\_PROFILE\_EXISTED (3002) | ROLE NOT FOUND (4002) | INVALID\_USERNAME  \_PASSWORD  (5002) |  |
|  | REQUIRED EMAIL (2003) |  | USER PROFILE NOT FOUND (4003) | ACCOUNT\_NOT  \_VERIFIED  (5003) |  |
|  | SAME\_PASSWORD  (2004) |  | PERMISSION NOT FOUND (4004) | INCORRECT  \_PASSWORD  (5004) |  |
|  |  |  | VERIFY CODE NOT FOUND (4007) | UNAUTHENTICATED (5005) |  |
|  |  |  |  | VERIFY CODE EXPIRED (5006) |  |
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