

Documenting a REST API - Exercise

Method	URL	Returns (JSON)	Error (e)
GET	/api/users	[user, user, ...] (1)	
GET	/api/users/{id} <i>Id: A user ID</i>	User (1)	(e1)
POST	/api/users	User (1)	(e2), (e3), (e4), (e5), (e6)
PUT	/api/users	User (1)	(e1), (e2), (e3), (e4), (e5), (e6)
DELETE	/api/users/{id} <i>Id: A user ID</i>	{}	(e1)

(1) User format (don't provide ID, for POST)

```
{
  "id": Number,
  "age": Number,
  "name": String,
  "gender": String ["male" | "Female"],
  "email": String (email)
}
```

(e) All errors are reported using this format (with the HTTP-status code matching the number)

```
{ status : statusCode, "msg": "Explains the problem" }
```

```
(e1):{ status : 404, "msg": "No content found for this request" }
(e2):{ status : 400, "msg": "No content included with this request" }
(e3):{ status : 400, "msg": "Age must be >= 3 and <= 99" }
(e4):{ status : 400, "msg": "Name must include at least 2 characters" }
(e5):{ status : 400, "msg": "Gender must contain 'male' or 'female'" }
(e6):{ status : 400, "msg": "Not a valid email" }
```