|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| HTTP Verb | Endpoint | Purpose | | Stretch Feature (y/n) |
| GET | /user/{user\_email} | | Get user by email | N |
| POST | /user | | Create user | N |
| PUT | /user/{user\_email} | | Update user | Y |
| DELETE | /user/{user\_email} | | Delete user | Y |
|  |  | |  |  |
| POST | /user/login | | User login | N |
| GET | /user/logout | | User logout | N |
|  |  | |  |  |
| POST | /user/{user\_email}/decks | | Create a deck | N |
| PUT | /user/{user\_email}/decks/{deck\_id} | | Update deck | Y |
| DELETE | /user/{user\_email}/decks/{deck\_id} | | Delete deck | Y |
| GET | /user/{user\_email}/decks/{deck\_id}/clone | | Clones another application user’s deck and adds it to the logged in user’s deck | Y |
|  |  | |  |  |
| POST | /user/{user\_email}/decks/{deck\_id}/cards | | Create a card | N |
| PUT | /user/{user\_email}/decks/{deck\_id}/cards/{card\_id} | | Update card | Y |
| DELETE | /user/{user\_email}/decks/{deck\_id}/cards/{card\_id} | | Delete card | Y |
|  |  | |  |  |
| GET | /user/{user\_email}/decks/{deck\_id}/cards/{card\_id}/toggleMarked | | Toggle the card’s “marked” attribute | Y |

All API Responses will be in the following format:

{

code: number;

message: string;

data: JSON;

}

Codes:

200 = success

400 = invalid

404 = not found

500 = server error

Message:

A message summarizing the operation

Data:

The data requested (if any) in JSON format

User Interface/API Endpoint Interaction Diagram:



