**Users API design**

**Endpoints:**

**/users**

**POST**

Takes POST form with user information, checks that it is valid and creates the user in the database

HTTP response codes – *201 (Created)* for successful creation*, 422 (unprocessable entity)* for validation failure on inputs

**GET**

Returns a list of users, admin only

HTTP response code – *200 (OK)* for allowed users, *401 (Unauthorized)* for everyone else

**PATCH/PUSH**

Not used

HTTP response code – *405 (Method not allowed)*

**DELETE**

Not used

HTTP response code – *405 (Method not allowed)*

**/users/<user:id>**

**POST**

Not used

HTTP response code – *405 (Method not allowed)*

**GET**

Returns the information of the user of the corresponding ID

HTTP response code – *200 (OK)* for allowed users, *401 (Unauthorized)* for everyone else

**PUT/PATCH**

Modifies the user’s information in the system

HTTP response code – *200 (OK)* for allowed users, *401 (Unauthorized)* for everyone else

**DELETE**

Deletes the user from the system, this will be for administrators only

HTTP response code – *200 (OK)* for allowed users, *401 (Unauthorized)* for everyone else

**User object attributes:**

* + Title
  + First Name
  + Last Name
  + Phone number
  + Email Address
  + Street number
  + Street name
  + Suburb
  + Postcode
  + State

**Booking object attributes:**

Booking time

Business name

Business ID

Booking user

Valid first & last names -> Not empty, only characters, no numbers or emojis

Email validation? -> basic email format []@[].[], regex 😮, send confirmation email? Depends on difficulty

**Should be easy to find regex code for these on stack overflow lol**

Phone number, check length, all numbers

Address validation? -> Maybe, depends if I can find a free api