Account management

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| --- | --- | --- | --- | --- | --- |
| Description | method | Uri | header | body | Code 200 response |
| Signup a new user | POST | /users |  | {email, password} | Header:  x-auth  body:  user object |
| Login | POST | /users/login |  | {email, password} | Header:  x-auth  body:  user object |
| logout | DELETE | /users/me/token | x-auth |  |  |
| Get user’s profile | GET | /users/me | x-auth |  | Header:  x-auth  body:  user object |
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Parking space

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Description | method | Uri | header | body | Code 200 response |
| User cleared a parking space | POST | /parkingSpaces |  | {latitude, longitude} |  |
| User took parking space by coordinates | DELETE | /parkingSpaces |  | {latitude, longitude, id}//coordinates or id |  |
| user creates a search for a nearby parking spaces – sends his coordinates  And receives | POST | /parkingSpaces/searches |  | {latitude, longitude, distance(meters)} | {searchID} |
| user creates a search for a nearby parking spaces – sends an address | POST | /parkingSpaces/searches |  | {address, distance(meters)} | {searchID} |
| User retrieves results for a search | GET | /parkingSpaces/searches/{id} |  |  | {latitude, longitude, distance, timestamp, results:[]} |
|  |  |  |  |  |  |

Questions:

1. Should the users be registered? What privileges will they get once registered?
2. What about the accuracy of the parking space? User A published available parking on {long, lat} and user B reported that he took it with the location of .
   * A more direct question – how do we catalog the parking spaces? By coordinates? Or should there be additional identifying data?
   * What if we have more than one available parking space in the same location?

Future tasks(gal):

* Sort parking spaces results by distance
* Currently all searches are saved as documents in the DB – optimize so that similar searches will not be saved and set a TTL for the search results
* Implement “//future todo implement”

Distant future tasks(gal):

* Clear unused nodejs packages