**API Specification Doc**

**SafeTravels**

Methods

**1. Sign up**

Sign up a user with basic authentication info and obtain web token

**Request**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **POST** | https://safe-travels-app.herokuapp.com/signup |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| POST  POST  POST | email  password  name | string  string  string |

**Response**

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 | {"token": <auth\_key>}  token (**string**) - all further API calls must have this key in header |
| 409 | {"error":"This email address is already registered"} |

**2. Login**

Authenticates the user with the system and obtain web token

**Request**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **POST** | https://safe-travels-app.herokuapp.com/login |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| POST  POST | email  password | string  string |

**Response**

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 | {"token": <auth\_key>}  token (**string**) - all further API calls must have this key in header |
| 401 | {"error":"Email or password incorrect"} |
| 401 | {"error":"Sorry, you are not yet verified”} |
| 403 | {"error":"Email or password incorrect"} |

**3. Add user to database**

Updates a user and saves him in the database. Returns JSON version of user

**Request**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **PUT** | https://safe-travels-app.herokuapp.com/users/:uuid |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| POST | uuid | string |

**Example Response**

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 | {"id":"012bd873-8480-4453-b199-6dd21234","fhir\_id":"12345678","name":"John Gadbois","email":"john@gmail.com", "registered\_at":"Apr 18, 2016 9:41:32 PM","countries":["syria"],"vaccines":[],"verified":true,"notification":false} |
| 403 | {"error":"No such user"} |

**4. Get current user id**

Returns the id of the authenticated user. Requires authentication header

**Request**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | https://safe-travels-app.herokuapp.com/currentuuid |

**Response**

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 | "123456-12342134-21234" |

**5. Get user by ID**

Accepts ID. Returns JSON user.

**Request**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | https://safe-travels-app.herokuapp.com/.uuid |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| POST | uuid | string |

**Response**

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 | {"id":"012bd873-8480-4453-b199-6dd21234","fhir\_id":"12345678","name":"John Gadbois","email":"john@gmail.com", "registered\_at":"Apr 18, 2016 9:41:32 PM","countries":["syria"],"vaccines":[],"verified":true,"notification":false} |

**6. Get country**

Accepts country name. Returns JSON country

**Request**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | https://safe-travels-app.herokuapp.com/country/:name |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| POST | name | string |

**Response**

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 | {"country":"syria","full\_name":"Syria","vaccine\_names":["Routine vaccines ","Hepatitis A ","Typhoid ","Hepatitis B ","Rabies "],"packinglist\_names":["Your prescriptions”…],"vaccines":[{"name":"Routine vaccines","category":"All travelers","notes":"…”], items":[{"name":"Your prescriptions","category":"Prescription medicines", notes":""}],"alerts":[{"id":4745,"country\_id":"syria","title":"MERS in the Arabian Peninsula","description":"Cases of MERS… ","started\_at":"Nov 19, 2015 12:00:00 AM"}]} |

**7. Get countries list**

Returns JSON countries list

**Request**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | https://safe-travels-app.herokuapp.com/countries |

**Response**

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 | {country: "curacao", full\_name: "Curacao"}, {country: "reunion", full\_name: "Reunion (France)"….} |

**8. Register user**

Registers user to accept notifications. Accepts ID. Returns true if user was verified, false otherwise

**Request**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | https://safe-travels-app.herokuapp.com/register/:uuid |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| POST | uuid | string |

**Response**

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 | {"success": <boolean>} |

**9. Deregister from notifications**

Accepts ID. Returns true if deregistration was successful, false otherwise

**Request**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | https://safe-travels-app.herokuapp.com/noNotifications/:uuid |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| POST | uuid | string |

**Response**

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 | {"success": <boolean>} |

**10. Add vaccine to user**

Accepts vaccine name, vaccinated date and ID. Returns true is vaccine was added, false otherwise. Requires authentication header

**Request**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **POST** | https://safe-travels-app.herokuapp.com/vaccine/add |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| POST  POST  POST | VaccineName  vaccinatedDate  uuid | string  string  stirng |

**Response**

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 | {"success": <boolean>} |

Glossary

## Conventions

* **Status** - HTTP status code of response.
* All the possible responses are listed under ‘Responses’ for each method. Only one of them is issued per request server.

## Status Codes

All status codes are standard HTTP status codes. The below ones are used in this API.

2XX - Success of some kind

4XX - Error occurred in client’s part

|  |  |
| --- | --- |
| **Status Code** | **Description** |
| 200 | OK |
| 401 | Authentication failure |
| 403 | Forbidden |
| 409 | Conflict |