**Assignment 3.2 - API**

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| **Explanation** | **Returns** | **Parameters** | **HTTP Method** | **Method Name** | **ID** |
| Login cannot pass in GET  True= success False=fail | Token | username, password | POST | users/login | 1 |
| Register cannot pass in GET |  | username  firstname,  lastname,  city,  password,  country,  email,  categories [] (atleast 2),  questions[]  answers[] | POST | users/register | 2 |
| Returns the password for the user of the Token, POST required because of security | {“password”} | username, questionID[]  ,answer[] | POST | users/passwordRetrieval | 3 |
| Return question options to present in clientside forms | Questions[] |  | get | users/questionslist | 4 |
| Returns users details,  POST required because of security | { ”FirstName”, ”LastName”,”City”,  “Country”,”Email”, ”favoriteCategories”, | Token(Header) | POST | users/log | 5 |
| Returns All POIs in the city | List of POIs  [{"id","POIname","category", "rating",”description” “numOfViews”, }] |  | GET | POI/AllPOIs | 6 |
| Returns all POIs in the specific catergory | List of POIs  [{"id","POIname","category", "rating",”description” “numOfViews”, }] | CategoryID | GET | POI/POIbyCategory/:categoryid | 7 |
| Returns n most popular POI’s in a Category | List of POIs  POI[n] | Category,n | GET | POI/MostpopularPOI/:categoryid/numbers/:n | 8 |
| Returns one POI | {"id","POIname","category", "rating",”description”, ”pictures”,“numOfViews”, “reviews”} | POID | GET | POI/:POIid | 9 |
| Returns n random POIs above the Rating given rating | List of POIs  POI[n] | Rating,n | GET | POI/RandomPOI/:rating/n/:n | 10 |
| Number of views of poi | integer | id | get | POI/numbersofviews/:POID | 11 |
| save savedPOI list in user’s DB |  | Token(Header) ,poiID | POST | users/log/POI | 12 |
| Deletes the POI from user’s savedPOIs |  | Token(Header), poiID | DELETE | users/log/POI | 13 |
| Returns user’s savedPOI list | savedPOI[] | Token(Header) | GET | users/log/saved | 14 |
| Returns user’s 2 last saved POIs | savedPOI[2] | Token(Header) | GET | users/log/2LastSaved | 15 |
| Returns number of saved POI for a specific user | {“numOfSaved”} | Token(Header) | GET | users/log/numberOfSaved | 16 |
| UPDATES the POI’s order that user made. If not set it updates the default (by time added). |  | Token(Header), pois[] | PUT | users/log/savedPOIOrder | 17 |
| Adds the Review to DB and updates the averageRating of the POI. |  | Token(Header),poiID,review | Post | users/log/review | 18 |
| Adds the rating to DB and updates the averageRating of the POI. |  | Token(Header),poiID,rating | Post | users/log/rating | 19 |
| Read form xml and return Jason array of countries | Countreis[] |  | get | users/countries | 20 |

Assumptions:

\*Filtering by rating and category will be implemented on the client to get more fluent user experience.

\*All tokens pass through HTTP header.

