

### Assignment 3.1 - API

<u>ID</u>	<u>Method Name</u>	<u>HTTP Method</u>	<u>Parameters</u>	<u>Returns</u>	<u>Explanation</u>
1	login	POST	Username, Password	Token	Login cannot pass in GET True= success False=fail
2	Register	POST	FirstName, LastName, City, Country, Email, Categories[] (atleast 2), Questions[]	{"userName","Password"}	Register cannot pass in GET
3	passwordRetrival	POST	Username, user's answer	{"password"}	Returns the password for the user of the Token, POST required because of security
4	getUser	POST	Token(Header),username	{"FirstName", "LastName", "City", "Country", "Email", "favoriteCategories", "recommendedPOI", "savedPOI"}	Returns users details, POST required because of security
5	getAllPOIs	GET		List of POIs [{"id","POIname","category", "rating","description", "pictures" "numOfViews", "reviews"}]	Returns All POIs in the city
6	getPOIbyCategory	GET	Category	List of POIs [{"id","POIname","category", "rating","description", "pictures" "numOfViews", "reviews"}]	Returns all POIs in the specific category
7	getMostPopularby Category	GET	Category,n	List of POIs POI[n]	Returns n most popular POI's in a Category
8	getPOI	GET	POIname	{"id","POIname","category", "rating","description", "pictures", "numOfViews", "reviews"}	Returns one POI

9	getRandomPOI	GET	Rating,n	List of POIs POI[n]	Returns n random POIs above the Rating given rating
10	getPOIbyRatingOrder	GET		POI[]	Returns a list of POI in a descended order sorted by rating
11	savePOI	POST	Token(Header),POIname		Updates savedPOI list in user's DB
12	deletePOI	DELETE	Token(Header), POIname		Deletes the POI from user's savedPOIs
13	getSaved	GET	Token(Header)	savedPOI[]	Returns user's savedPOI list
14	Get2LastSaved	GET	Token(Header)	savedPOI[2]	Returns user's 2 last saved POIs
15	getNumberOfSaved	GET	Token(Header)	{"numOfSaved"}	Returns number of saved POI for a specific user
16	setSavedPOIOrder	UPDATE	Token(Header), POI[]		UPDATES the POI's order that user made. If not set it updates the default (by time added).
17	addReview	Post	Token(Header),Rating,Review		Adds the Review to DB and updates the averageRating of the POI.

#### Assumptions:

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

\*All tokens pass through HTTP header.

