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| **ID** | **URI** | **HTTP Method** | **Params** | **Return** | **Explanation** |
| 1 | /general/register | POST | username, password,  FirstName, LastName,  City, Country, Email,  VA, VQ,  Categories. | Status 200 | Register the user to the system. VA and VQ. Question and Answer, separated by the sign ‘?’. Categories, separated by the sign ‘|’. |
| 2 | /general/:username/get | GET | username | V1 :Question1 V2: Question2 | Return the secret question of the user |
| 3 | /general/answers | POST | Username, Answer1, Answer2 | Password:Password | Return the password of the user if the Answers of the secret questions are correct. |
| 4 | /general/login | POST | username, password | TOKEN | Login of the system, returns TOKEN. |
| 5 | /reg/poi/save | POST | TOKEN,POI | Status 200 | Add POI to the Saved Poi of the user. |
| 6 | /reg/poi/getRecByCat | GET | TOKEN | POIֹobject[] | Return The POI’s from the categories of the username, that have rank higher than 3 |
| 7 | /reg/poi/get3POI | GET | TOKEN | POIֹobject[] | Return 3 Random POI’s. |
| 8 | /reg/poi/getSFavouritePOI | GET | TOKEN | POIֹobject[] | Return the Favorite list of the user. |
| 9 | /reg/poi/searchPOIbyName/:name | GET | name, TOKEN | POIֹobject[] | Return the relevant POI’s for the ‘name’ string, |
| 10 | /reg/poi/removePOI/:POI | DELETE | POI, TOKEN | Status 200 | Delete POI from the system. |
| 11 | /reg/poi/getIconOfPOI/:POI | GET | POI, TOKEN | Icon:icon | Return blank if the poi is not favorite, and filled otherwise. |
| 12 | /reg/poi/RemoveFavoritePOI/:POI | DELETE | POI, TOKEN | Status 200 | Delete POI from the favorite list of the user. |
| 13 | /reg/poi/get2PoiByUserCat | GET | TOKEN | First Poi: POIֹobject Second Poi: POIֹobject | Return 2 random POI from the user’s categories. |
| 14 | /reg/poi/getNumberOfFavorite | GET | TOKEN | Count:Counter | Return How many favorites POI’s have the user. |
| 15 | /reg/poi/getPOIInfo/:POI | GET | POI, TOKEN | POIֹobject | Return the relevant POI. |
| 16 | /reg/poi/getPOIReview/:POI | GET | POI, TOKEN | PoiReview[] | Return the Reviews of the POI. |
| 17 | /reg/poi/AddReviewToPOI | POST | POI, Review, TOKEN | Status 200 | Add Review to POI. |
| 18 | /reg/poi/getPoiByCat/:cat | GET | category, TOKEN | POIֹobject[] | Return the POI’s of the category. |
| 19 | /reg/poi/getSortedPoiByCat/:cat | GET | category, TOKEN | POIֹobject[] | Return the POI’s of the category, sorted by rank. |
| 20 | /reg/poi/AddRanktoPOI | POST | POI, rank, TOKEN | Status 200 | Add Rank to POI. |
| 21 | /reg/poi/UpdateAvgRank | PUT | POI, TOKEN | Status 200 | Update the average rank of the POI. |
| 22 | /reg/poi/addPOI | POST | TOKEN, city, title, description, rank, image, views, category | Status 200 | Add new POI to the system. |

\*TOKEN – Add to the Header by the key of ‘x-access-token’.  
\*POI – ID of relevant POI.  
\*POIֹobject = {ID,city,title,description,rank,image,views,category}.  
\*PoiReview = {ReviewID,POIID,review,username}