

עבודה 3.1 – API:

ID	Method Name	HTTP Method	Parameters	Returns	Explanation
1	favPoints	GET	token	LIST of points of interest Saved in Favorites according to userID: Favorites[]	Using GET because there is no information to deliver to the server or any wish to change any information and the userID pass by Token
2	review	POST	token, pointID, review	Bool	Open modal window to rate the points of interest. The review will save in the DataBase. Using POST because there are parameters to send . True= success else False=fail
3	categories	GET	-	LIST of points of interest categories : Categories[]	Using GET because there is no information to deliver to the server or any wish to change any information
4	pointInfo	GET	pointID	Specific point of interest (include: viewsNum, ratingPrecent, description, 2LastReview)	Move the user to the page of the specific point of interest with all details about. Using GET because there is no information to deliver to the server or any wish to change any information
5	popPointInLoad	GET	cartainRate	3 random popular point of interst above a certain rating: popularPoints[]	Using GET because there is no information to deliver to the server or any wish to change any information
6	register	POST	firstName, lastName, userID, password, city, country, email, category[], que1,que2,ans1,ans2	Bool	Using POST because there are parameters to send and we don't want to send details about the user in the URL. After submit succeed move the user to the LoginPage. True= success else False=fail.

7	restorePassword	POST	userID, securityAns1, securityAns2	User password: String: password	Using POST because there are parameters (private answers) to send, and we send userID and we don't want to send details about the user in the URL.
8	login	POST	userID, password	token	Login cannot pass in GET. If the login succeed True= success else False=fail Application provides a signed token to the client, and client stores that token and sends it along with every request. we send userID and we don't want to send details about the user in the URL
9	2popularPoints	GET	token	LIST of 2 points of interest according to userID, category[] that the user interested in the registration: PopularPointsCat[]	Using GET because there is no information to deliver to the server or any wish to change any information and the userID pass by Token.
10	2favPoints	GET	token	2 saved points of interest of the userID from the favorites: 2FavoritesPoints[]	If the user saved at least 2 points of interest, we show them. Else we show message "There are no points of interest in favorites". Using GET because there is no information to deliver to the server or any wish to change any information and the userID pass by Token.
11	pointsAccCat	GET	category (name)	LIST of points of interest according category: AllPointsInCat[]	Using GET because the information send to server is not private
12	points	GET	-	LIST of All points of interest divided into categories : AllPoints[]	Using GET because there is no information to deliver to the server or any wish to change any information

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13	pointAsFav	POST	pointID, token	Counter of favorite point of interest of the user (Favorites[] size)	Replace the sign to mark favorite sign and <u>add</u> the point of interest to the user LIST in the server: Favorites[]. And then return the counter of Favorites[] Using POST because there are parameters to send and we update the DB.
14	pointAsFav	DELETE	pointID, token	Counter of favorite point of interest of the user (Favorites[] size)	Replace the sign to NOT mark favorite sign and <u>delete</u> the point of interest from the user LIST in the server: Favorites[] and then return the counter of Favorites[].
15	securityQues	POST	userID	User security qestion: securityQue[]	Using POST because we send userID and we don't want to send details about the user in the URL.
16	ratePoint	POST	rate, token	Bool	Update the point rate in the database. Using POST because there are parameters to send and we update the DB. True= success else False=fail.

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point

{

Id

rate (in precent)

categoryID

name

description

viewsNum

numRate

Image

}