API WEB

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| **ID** | **Method Name** | **HTTP Method** | **parameters** | **Returns** | **Explanation** |
| 1 | register | POST | USER : {  First name :  Last name:  City:  Country:  Email:  Categories:  Verifiers:  Username:  Password:  } | Boolean | True = success  False = fail  Register cannot pass with GET.  Create a new user in the DB. |
| 2 | restorePassword | POST | Username,  Answer | Password (if wrong answer returns NULL) | Using POST to avoid revealing the answer and check for a match. |
| 3 | Login | POST | Username, password | Token | Login cannot pass in GET. |
| 4 | getInterestPoints | GET | - | List of all interest points.  ListIP []:{  Name:  Category:  Rank:  } | GET - no change in DB,  Return all the interest points. |
| 5 | saveInterestPoint | POST | Interest point ID,Token | - | POST change in DB – adding interest point to the user's list. |
| 6 | removeInterestPoint | DELETE | Token, Interest point ID | Boolean | True = success  False = fail  DELETE – needs to remove the interest point from the user's list. |
| 7 | getFavorites | GET | Token | Saved list of interest points per user | GET- retrieve the favorites page by user id. |
| 8 | review | POST | Review{  Rank:  Comment:  } | Boolean | True = success  False = fail  POST- change in DB – adding reviews to the point's review list. |
| 9 | Get2InterestPoint | GET | Token | 2 Interest point  InterestPoint {  Name:  Viewers number:  Description:  Rating:  ImgUrl:  Review{  Rank:  Comment:  }  } | GET- retrieve 2 of the most popular interest points, each one from different category that user favors. |
| 10 | GetLast2Saved | GET | Token | 2 Interest points OR message. | GET- retrieve the last 2 interest points that the user saved. If there are none – show appropriate message. |
| 11 | / | GET | - | Resources (html,CSS,JS,JPEG) | GET the application and all the resources. |
| 12 | Get3RendomPoints | GET | - | 3 Interest points. | GET- retrieves 3 random interest points from the DB. There are no change in the DB. |
| 13 | saveOrderedFavoriteList | POST | Token, list of favorite interest points | - | PUT we make an update in the DB, saves the favorite list in the order that user asked for. |
| 14 | interestPoint/:id | GET | Interest point id | Interest point | GET – we don’t make any change in the DB. Retrieve the interest point as described above. |

**הנחות :**

* על מנת לצמצם גישות לשרת הוצעה מתודה אחת ויחידה getInterestPoints שכל תפקידה יהיה להביא את רשימת נקודות העניין כאשר המיון, הסינון והחיפוש ע"פ שם יתבצעו בצד הלקוח.
* Username הינו מזהה ייחודי.