**עבודה 3.1 –**

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| ID | Method name | HTTP method | Why | Parameter | Return | Explanation |
| 1 | getCategories | Get | This request only retrieve information from the server, does not make any changes | - | string[] | Return all the categories |
| 2 | getAllHeaderPoints | Get | This request only retrieve information from the server, does not make any changes | - | Header[] | Return the headers of all the points of interest |
| 3 | getPoint | Get | This request only retrieve information from the server, does not make any changes | Int (pointID) | PointOfInterest | Return the PointOfInterest that contain the specific ID |
| 4 | updateWatchedPoint | Put | This request update information in the server | Int (pointID) | - | Increase number of people who watches this point of interest that has the specific id by one |
| 5 | getWatchedPoint | Get | This request only retrieve information from the server, does not make any changes | Int (pointID) | int | Get the number of people who watches this points of interest that has the specific id |
| 6 | getLast2Reviews | Get | This request only retrieve information from the server, does not make any changes | Int(pointID) | Review[] | Return last two Reviews |
| 7 | addReview | Post | This request add information in the server | int(pointID) ,string (review) | - | Add Review of specific user  \*Token is automatically sent int the page’s header |
| 8 | getQuestion | Post | This request does no change information in the server, but we prefer to send username in the body of the message | String (username) | String[question1  ,quesetion2] | Return secret question to restore password |
| 9 | getuPassword | Post | This request does no change information in the server, but we prefer to send username in the body of the message | String (username),  String[answer1,  answer2] | String (password) | Return the password if the secret answer is correct |
| 10 | getUser | Get | This request only retrieve information from the server, does not make any changes |  | User | Get the User information.  \*Token is automatically sent int the page's header |
| 11 | resgister | Post | This request add information in the server | String (firstName), String (lastName), String (city), String (country), String (email), int[] (category), String (question1), String(question2), String (anwer1), String (answer2) | String [username,  Password] | Regiser to the system  And return username and password, return null if registration Is fail |
| 12 | Login | Post | This request does no change information in the server, but we prefer to send username and password in the body of the message | String(userName), String(password) | Token | Login into the system return token to the user |
| 13 | getCountries | Get | This request only retrieve information from the server, does not make any changes | - | String[] | Get all countries |
| 14 | getFavorite | Get | This request only retrieve information from the server, does not make any changes | - | favPoint[] | Return the favorites ID of the point of interest of the specific user  \*Token is automatically sent int the page’s header |
| 15 | addFavorite | Post | This request add favorite pointID to the favorite list of specific user | int (pointID),  int(priority) | - | Save favorite ID of point of interest of the specific uesr |
| 16 | delFavorite | Put | This request update information in the server | Int(pointID) | - | This request delete pointID fro favorite list of specific user \*Token is automatically sent int the page’s header |
| 17 | updateFavorite | put | This request update information in the server | int (pointID),  int(priority) | - | Upadte priority of specific user for specific point  \*Token is automatically sent int the page’s header |
| 18 | addGrade | put | This request add information in the server | int (pointID),  int(grade) | - | Add Grade of specific user  \*Token is automatically sent int the page’s header |

PointOfInterest{

Int pointID;

String pointName;

String category;

String info;

Int numOfWatched;

string[] linkdpictures;

Int numOfGrades;

Int sumOfGrades;

}

Header{

Int pointID;

String pointName;

String category;

Int numOfGrades;

Int sumOfGrades;

String pointLink;

}

Review{

String username;

Int pointID;

Date date;

String text;

}

User{

String firstName;

String lastName;

String userName;

String password;

String city;

String country;

String email;

int[] categories;

String[] questions;

String[] anwers;

}

favPoint{

int pointID

int priority

}

הסבר –

* הסרת פונקציונליות getSummary- מכיוון שלא הבנו תחילה מה הכוונה לתקציר שיווקי וחשבנו שהוא אמור להיות מורכב מתקציר של כל הנקודות שהוספנו ותמונות שלהם, יצרנו את הפונקציה הזו. לאחר מכן הבנו שצריך תקציר על העיר עצמה ללא קשר לנקודות העניין.
* הוספת פונקציונליות updateFavorite- מכיוון שרק לקראת סוף מימוש צד הלקוח הבנו כי צריך לשמור את המיון העצמי של הלקוח עבור נקודות מועדפות, הוספנו עמודת PRIORITY בDB, ועל כן היה צורך גם לעדכן נקודות במידה והסדר שלהן משתנה.