סביבות פיתוח באינטרנט

עבודה 3.1 – כתיבת API

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| Explanation | JSON Return | Parameters | HTTP Method | Method Name | Id |
| Using POST, because if we use GET the parameters will appear in the URL.  True = success  False = fail |  | UserName,  Password,  FirstName,  LastName,City,  Country,Email,  Interested 2 categories or more,  Answers to question | POST | register | 1 |
| The user details are stored in the DB, so only the can get it.  We will use GET because there is no information to deliver to the server or any wish to change any information | [{ "retrievalPassword"}] | UserName,  Answers of User | GET | Retrieval Password | 2 |
| Return 3 random points of interests.  Using GET because there is no information to deliver to the server, or any wish to change any information. | [{  pointsOfInterst[3]  }] |  | GET | Get Random Points Of Interests | 3 |
| Login cannot pass in GET  True = success  False = fail | Token | UserName,  Password | POST | login | 4 |
| return user details after login.  Using Post because of security. | [{ "username" , "firstName","LastName","city",  "country","email  }] | Token | POST | User Details | 5 |
| Returns description Summary of the city.  Using GET because there is no information to deliver to the server, or any wish to change any information. | [{"description"}] |  | GET | Get description point of Interests | 6 |
| Returns pictures of the city.  Using GET because there is no information to deliver to the server, or any wish to change any information. | [{pictures" }] |  | GET | Get pictures point of Interests | 7 |
| Return all Sorting points of interests by  rating of specific Category.  Using GET because there is no information to deliver to the server, or any wish to change any information. | [{"id point of interest","name",  "category",  "pictures",  "description",  "reviews",  "numberOfViews"  "rating"  }] | category | GET | Get points Of Interests by Category | 8 |
| If the name of point of interest is exist return the Point of Interest if not return not found.  Using GET because there is no information to deliver to the server, or any wish to change any information. | [{" id point of interest" , "name",  "category",  "rating", "description",  "reviews",  "numberOfViews"  }] | Name of PointOfInterest | GET | Get Point of Interest | 9 |
| Add the point of interest to the user.  Using POST since we need to write to the DB. |  | UserName,  Id Point Of Interest | POST | Save Point Of Interest | 10 |
| Remove the Point of Interest from the user. Using POST since we need to write to the DB. |  | UserName,  Id Point Of Interest | POST | Remove Points Of Interest | 11 |
| Return  Favorites List Of Points Of Interest belong the user.  Using GET because there is no information to deliver to the server, or any wish to change any information. | [{ AddListOfPointsOfInterest[]  }] | UserName, | GET | Favorites List Of Points Of Interest | 12 |
| Get the rating of Points Of Interest and calculate average rating of the points of Interest.  Using POST since we save the review of the user in DB |  | UserName, Id Point Of Interest, Review, Rating | Post | Add review to Points Of Interest | 13 |
| Return 2 popular points of Interest that belong to the user. Using GET because there is no information to deliver to the server, or any wish to change any information. | [{pointsOfInterst[2]}] | UserName | GET | Get popular Points of Interest | 14 |
| Return 2 recent points of Interest that belong to the user. Using GET because there is no information to deliver to the server, or any wish to change any information. | [{pointsOfInterst[2]}] | UserName | GET | Get recent Points of Interest | 15 |
| Return all points of interest .  Using GET because there is no information to deliver to the server, or any wish to change any information. | List of Points Of interst. |  | GET | Get All Points Of Interest | 16 |
| Return sorted points of interest by rating .  Using GET because there is no information to deliver to the server, or any wish to change any information. | List of Points Of interst. |  | GET | Get Points of Interest By Rating | 17 |

