

Project Name: Restudents Api

Project Download link: <https://github.com/Riasath/restudents>

APIS:

- restudentslist (<http://localhost/restudents/restudentslist> or <http://bdjokers.com/restudentslist>)
 - No parameter needed.
It will return all list of restudents order by open (DB field) value 2 means Its open, Value 1 means order ahead and value 0 means close and order by bestMatch (DB Field)
- sortBybestmatch (<http://localhost/restudents/sortbybestmatch> or <http://bdjokers.com/sortbybestmatch>)
 - No parameter needed.
It will return all list of restudents order by bestMatch (DB Field) Descending
- sortBynewest (<http://localhost/restudents/sortbynewest> or <http://bdjokers.com/sortbynewest>)
 - No parameter needed.
It will return all list of restudents order by newestScore (DB Field) Descending
- sortByratingavarage (<http://localhost/restudents/sortbyratingavarage> or <http://bdjokers.com/sortbyratingavarage>)
 - No parameter needed.
It will return all list of restudents order by ratingAverage (DB Field) Descending
- sortbypopularity (<http://localhost/restudents/sortbypopularity> or <http://bdjokers.com/sortbypopularity>)
 - No parameter needed.
It will return all list of restudents order by popularity (DB Field) Descending
- sortByaverageproductprice (<http://localhost/restudents/sortbyaverageproductprice> or <http://bdjokers.com/sortbyaverageproductprice>)
 - No parameter needed.
It will return all list of restudents order by averageProductPrice (DB Field) Descending
- sortBydeliverycostsh2l (<http://localhost/restudents/sortbydeliverycostsh2l> or <http://bdjokers.com/sortbydeliverycostsh2l>)
 - No parameter needed.
It will return all list of restudents order by deliveryCosts (DB Field) Descending
- sortBydeliverycostsl2h (<http://localhost/restudents/sortbydeliverycostsl2h> or <http://bdjokers.com/sortbydeliverycostsl2h>)
 - No parameter needed.
It will return all list of restudents order by deliveryCosts (DB Field) Descending

- No parameter needed.
It will return all list of restudents order by deliveryCosts (DB Field) Ascending
- search_restudent (http://localhost/restudents/search_restudent or http://bdjokers.com/search_restudent)
 - Post Request field name (restudent_name)
It will return all list of restudents order by bestMatch (DB Field)
- test_report (http://localhost/restudents/test_report)
 - No parameter needed.
It will return all the report of testcases.

Bonus Assignment

If we call those API with a Post request, Field name(app_version) == 5.12.300 , then in return data the restaurant title tag named RestaurantName instead of Name.

Installation Requirement:

- Xampp 3.2.2
- POST Man
- Google Chrome with any json extension
- Visual Core / Subline

Installation Process:

I develop the solution Using PHP CodeIgniter framework (<https://codeigniter.com/>). So First Have to download the solution from github (<https://github.com/Riasath/restudents>). Then you have to put the solution in xampp->htdocs . Then you have to create a database in phpmySQL. Import the given database in your database. Open your editor, Import the project, go to -> Application/config/database.php. Change database name, user and password. Save it. Installation complete.

Development Documentation:

- Welcome Controller (application/controllers/Welcome.php)
All the handler are maintain in welcome controller.
- Testing Controller (application/controllers/Testing.php)
This controller is using for Unit Testing. Test Data Generated by script.
- Common Model (application/models/Common.php)
All the query are written in this model.