-: EASY CRUD DOCUMENTATION :-

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Introduction :

PHP Simple Application Developer find it difficult to find suitable AJAX Framework in the Market.All of them are basically Grid Base and Customisation is limited in free verson. User like to to do CRUD Function as in Desktop Environment. Moreover Grid base CRUD for huge Data is more complicated to handle. I have motivated to do All-in-One in a single application. My intention was to do CRUD Faster in a easy way.

Features :

- 1) No need to learn lengthy PHP, Javascript Just HTML Form you should learn
- 2) You Feel Desktop like environment in web Form
- 3) You can write Phonetic Bengali in selective fields
- 4) You can validate fields in various aspect.
- 4) Just write some basic JSON like code in easy_crud function
- 5) The Basic Method for CRUD are
 - i) Save : To save field data to mysql table
 - ii) **Reset :** To edit field data to mysql table
 - iii) **Search**: *To* search record from table
 - iv) **FillForm :** Upon clicking search record Form field filled by corresponding data and in expand button value of id (primary key) changes
 - v) Edit: To Edit record of corresponding field upon click on edit
 - vi) **Delete:** To delete data of filled form record
 - vii) ListAll: To list all record from table

6) It can manipulate text, combo, textarea, date, radio, checkbox field

The Basic Structure:

The Form may look like this :

Search Name	tata	Q	Subject Name Entry wore Press ctr1+#	to switch to Englash . Hit Space, Enter or Tab to transitierate.	
ID Name E-mail	Statue		User ID:	20	
0 20 tatai daeu wheducare 233@om	Julius		Name:	tatai dasu	
20 Intal dasu Voeeucare233ggmail.com Ves 29 Itatai dasu2 Voeeucare234ggmail.com No 30 Itatai dasu48 Voeeucare285 No Search Form Area			Email	wbeducare233@gmail.com	
			Phone	919475503342	
			District:	Jalpaiguri 🔻	
			Hobby:	1. Sports : 🗊 2. Music : 🕷 2. Arts : 🗊	
			Date of Birth	2015-11-15	
			Description	আদেনফসদফসদফসদফ sadasd	
			Main Form Area	1	
			Photo:	Choose File No file chosen	
			Documents:	Choose File No file chosen	
			Status:	1. Active : 2. Non Active :	
			O Reset & Save Ci Edit ×	Relate Q Expand	

The Html Form Page is consist of two part - 1) Main form 2) Search Form and you can extend form functionality by pressing Expand Button as it contain values of table id when searched record clicked. Upon clicking search record Form field filled by corresponding data and in expand button value of id (primary key) changes



The search Form are

Search Name		Q
search Result	·	

The search textbox id & name are same : in this case **search name** The search Button id & name are in this case **search_button**

You can optionally change various search methods like click on button, keyup on search box etc.

In Bootstrap 3.x.x version the Search option code is

```
<div class="col-lg-4">
<form name="searchform" id="searchform">
<!-- search button -->
<div class="form-group">
<label class="col-lg-4 control-label">Search Name</label>
<div class="col-lg-8">
<div class="input-group">
<input name="name_search" type="text" class="form-control" id="name_search" maxlength="8" autocomplete="off" required>
<div class="input-group-addon btn btn-group" name="btn-search" id="btn-search"><span class="glyphicon glyphicon-
search"></span></div>
</div>
</div>
</div>
</form>
<!-- display result -->
<div id="search_result">search Result</div>
</div>
```

in <*div id="search_result">search Result</div>* this Division search result displayed. (the name of div id may change and reflect in search method.

The Main Form Are :

The code of Main Form are like that :

```
<form name="myform" id="myform" enctype="multipart/form-data">
<thead>
<span class="glyphicon glyphicon-file"></span> Subject Name Entry &nbsp; |
<small><code>NOTE</code> &nbsp;Press <code>Ctrl+M </code> to switch to <code><span class="mode"></span></code>. Hit
Space, Enter or Tab to transliterate.</small>
```

```
 User ID: <input type="text" size="3" name="id" id="id" readonly>
Name: cinput type="text" size="40" name="name" id="name" accept-charset="utf-8">
 Email: <input type="text" size="30" name="email" id="email">
 Phone <input type="text" size="20" name="phone" id="phone">
  District: 
<select name="district" id="district">
<option value=""><--></option>
<option value="Jalpaiguri">Jalpaiguri</option>
<option value="coochbehar">coochbehar</option>
</select>
Hobby: 
<input type="checkbox" id="sports" name="sports"> & nbsp;
                1. Sports :
               2. Music :
                                         <input type="checkbox" id="music" name="music"> & nbsp;
                                        <input type="checkbox" id="arts" name="arts">
               3. Arts :
 Status: 
1. Active :
                                <input type="radio" id="status" name="status" value="Yes"> &nbsp;
2. Non Active : <input type="radio" id="status" name="status" value="No">
<button type="button" name="reset" id="reset" class="btn btn-warning" data-key="r"><span class="glyphicon glyphicon-
off"></span><b><u>R</u></b>eset </button>
<br/>

save"><b><u>S</u></b>ave </span></button>
<button type="button" id="edit" name="edit" class="btn btn-primary" data-key="e"><span class="glyphicon-glyphicon-
edit"><b><u>E</u></b>dit</span></button>
<button type="button" name="delete" id="delete" class="btn btn-danger" data-key="d"><span class="glyphicon glyphicon-
remove"><b><u>D</u></b>elete</span></button>
<button type="button" name="expand" id="expand" class="btn btn-info" data-key="E"><span class="glyphicon-glyphicon-
search"> Expand</span></button>
<tfoot>
</tfoot>
</form>
```

The main Form button are



These button are rename it's name as well as id are reset, save, edit, delete, expand accordingly

<button type="button" name="reset" id="reset" class="btn btn-warning" data-key="r"> <u>R</u>eset </button>

<button type="button" name="save" id="save" class="btn btn-success" data-key="s"><u>S</u>ave </button>

<button type="button" id="edit" name="edit" class="btn btn-primary" data-key="e"><u>E</u>dit </button>

<button type="button" name="delete" id="delete" class="btn btn-danger" data-key="d"> <u>D</u>elete </button>

<button type="button" name="expand" id="expand" class="btn btn-info" data-key="E"> Expand

Additional features:

1) Validation: in case of validation if validation_status is 'Yes' it will check the fields proper rule. If the field is remains blank it will not check the rule. (in blank field case required_field method is applied) The codes are : -

```
validation :{
    validation_status : 'Yes',
    minimum_letter : [{ 'name' : 3, 'email' : 5, 'phone':2,'id':1 }],
    maximum_letter : [{ 'name' : 20, 'email' :20, 'phone':12 }],
    validation_type : [{ 'email':'email', 'phone':'mobile12', dob':'dateymd','district':'noblank' }] }
}
```

validation_status : if it is **'No'** it will not check the validation rules and if **validation_status** is **'Yes'** it will check the validation rules .

minimum_letter : It is written in [{ }] brackets . field name/id and value pair are writted separated by comma . If the field value is less than that value if will prompt and form will not save.

[{ 'name' : 3, 'em	nail' : 5, 'phone':2,'id':1 }],				
Name:	As	Ø	Minimum	3 letters	
Email:					HTML Code
the name fields	are				

<input type="text" size="40" name="name" id="name" accept-charset="utf-8"> As in this field bengali and English are both permissible accept-charset="utf-8" attribute given

maximum_letter : It is written in [{ }] brackets . field name/id and value pair are writted separated by comma . If the field value is greater than that value if will prompt and form will not save. [{ 'name' : 20, 'email' :20, 'phone':12 }],

Name:	Prativas Basu
Email:	wbeducare1_prativas_basu@gmail.com

HTML Codes of the name fields are <input type="text" size="30" name="email" id="email">

validation_type : It is written in [{ }] brackets . field name/id and value pair are writted separated by comma .

There are various type of values given below

[{ 'email':'email', 'phone':'mobile12' , dob':'dateymd','district':'noblank' }] }

Name:	Prativas Basu		
Email:	wbeducare1@sssssm		not valid email
HTML Codes of the na <input id="email" name="email" size="
validation_type Val
1) alpha : Alphabetic
2) onlyalpha : only alp
3) alphadash : only Alp
3) alphanemeric : only
4) numeric : Only num
5) decimal : Number a
i) decimal2 : u
ii) decimal3 : u</td><th>me fields are
'30" type="text"/> ue: with space dot allowed habetic no other character allow ohabate and hyphen allowed v alphabate & number allowed ber (integer) allowed nd decimal number (leading 0 if for pto 2 decimal point leading 0's of allowed <th>red fractional) allowed r any number or any number</th> <th></th>	red fractional) allowed r any number or any number		
7) website : only url allowed (http://www.google.com)			
8) email : only email allowed			
9) mobile12 : only 12 digit no with 91 preceedings			
10) mobile10 : Only 10 digit no 11) personal calebabet number # \$ * [6, 16]no space allowed			
11) password : aipnabet number #,\$ * [6-16]no space allowed			
datedmy : allow dd/mm/yyyy or dd-mm-yyyy only datemdy : allow mm/dd/yyyy or mm-dd-yyyy dateymd : allow yyyy-mm-dd format			

1) **Phonetic Bengali Writing :** in case you want to write Bengali and English both. Do it when rhe cursor in the field Press **CTRL+M** The Main Form Heading will Show Alternatively . Pressing spacebar the the phonetic Bengali will automatically transliterated .

Subject Name Entry Not	E Press Ctrl+M to switch to English . Hit Space, Enter or Tab to transliterate.
User ID:	
Name:	প্রতিভাস বসু

To do this Put on the head before crud function : <script type="text/javascript" charset="utf-8">

\$(function(){

```
$('#name,#description').avro({'bn':true}, function(isBangla) {
if(isBangla) {
    $('.mode').text('English');
    } else {
    $('.mode').text('Bangla');
    }
});
```

});
</script>

Here \$('#name,#description') are field id separated by comma to write bengali. in Main Form heading write the coding.

<small><code>NOTE</code> Press <code>Ctrl+M </code> to switch to <code> </code>. Hit Space, Enter or Tab to transliterate.</small>

Note : The field you want to write Bengali must given accept-charset="utf-8" attribute in this case

<input type="text" size="40" name="name" id="name" accept-charset="utf-8">

<textarea name="description" id="description" cols="60" rows="5" accept-charset="utf-8"></textarea>

3)

Structure :

1) Essential file

easycrud.js easycrud.php This files resides in assets/easy_crud folder

For More functionality I have included JqueryUI,Bootstrap,some jquery plugins along with Jquery library all are resided in assets folder

Connection file are located in connection folder

You have to make upload folder in anywhere and grant read write permission to them.