

## Customization of Online Purchase Suggestion form for Koha

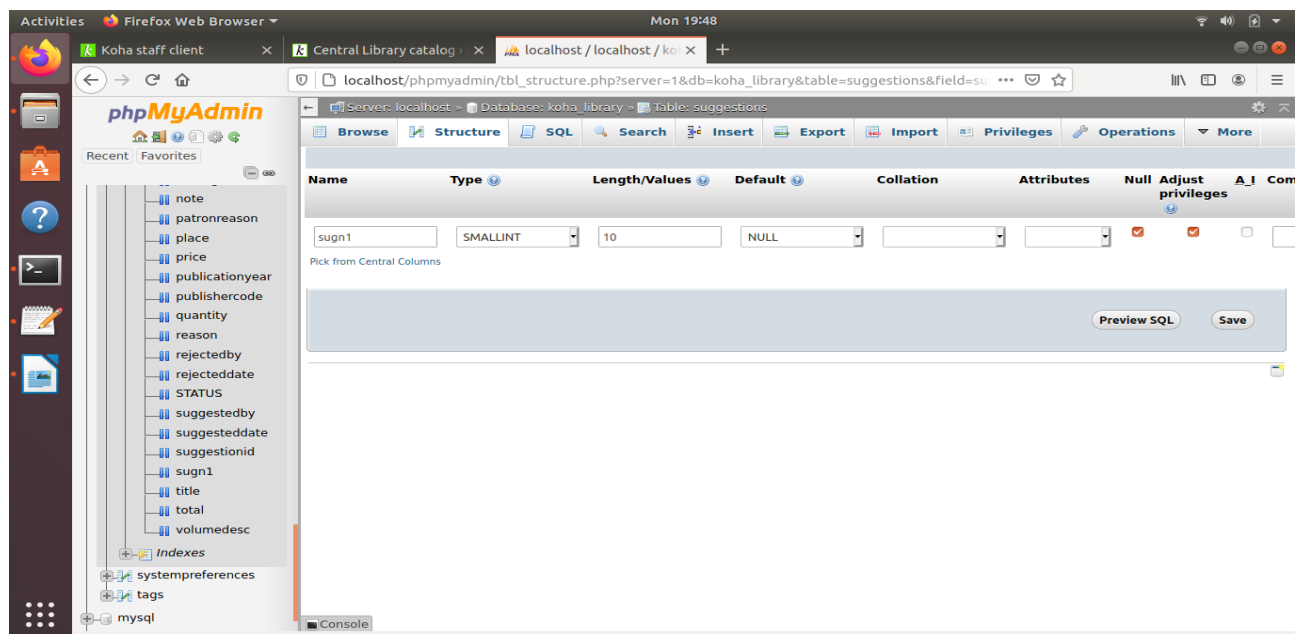
Warning: The entire guide based on hardcoding and creation of columns in database 'suggestions' table, therefore it is strongly advised to keep backup before applying the same.

### Step 1

Create a column in suggestion table of Koha with desired name/field like (sugn1), this number of students strength in particular course which helps to decide how many copy of textbook can be purchased. The column can be added either with the help of phpmyadmin as shown in below screenshot or mysql command. To create the columns in terminal use the following commands:

```
root@koha# mysql -uroot -p
Enter password:*****
MariaDB> use koha_library; (Database changed command)
```

```
MariaDB [koha_library]> ALTER TABLE `suggestions` ADD `sugn1` SMALLINT(10) NULL
DEFAULT NULL ;
Query OK, 0 rows affected (0.218 sec)
Records: 0 Duplicates: 0 Warnings: 0
MariaDB [koha_library]>
```



Creation of column with phpmyadmin

### Step 2

Add the detail of the created column in page available at /usr/share/koha/lib/Koha/Schema/Result/Suggestion.pm

```
=head2 sugn1
```

```
data_type: 'smallint'
is_nullable: 1
```

```
"sugn1",
{ data_type => "smallint", is_nullable => 1 },
```

```

207 data_type: 'smallint'
208 is_nullable: 1
209
210 =head2 currency
211
212 data_type: 'varchar'
213 is_nullable: 1
214 size: 10
215
216 =head2 price
217
218 data_type: 'decimal'
219 is_nullable: 1
220 size: [28,6]
221
222 =head2 total
223
224 data_type: 'decimal'
225 is_nullable: 1
226 size: [28,6]
227
228 =head2 sugn1
229
230 data_type: 'smallint'
231 is_nullable: 1
232
233 =cut
234
235 __PACKAGE__->add_columns(
236 "suggestionid",
237 { data_type => "integer", is_auto_increment => 1, is_nullable => 0 },
238 "suggestedby",
239 { data_type => "integer", is_foreign_key => 1, is_nullable => 1 },
240 "suggesteddate",
241 { data_type => "date", datetime_undef_if_invalid => 1, is_nullable => 0 },
242 "managedby",
243 { data_type => "integer", is_foreign_key => 1, is_nullable => 1 },

```

```

294 { data_type => "integer", is_foreign_key => 1, is_nullable => 1 },
295 "reason",
296 { data_type => "mediumtext", is_nullable => 1 },
297 "patronreason",
298 { data_type => "mediumtext", is_nullable => 1 },
299 "budgetid",
300 { data_type => "integer", is_foreign_key => 1, is_nullable => 1 },
301 "branchcode",
302 { data_type => "varchar", is_foreign_key => 1, is_nullable => 1, size => 10 },
303 "collectiontitle",
304 { data_type => "mediumtext", is_nullable => 1 },
305 "identtype",
306 { data_type => "varchar", is_nullable => 1, size => 30 },
307 "quantity",
308 { data_type => "smallint", is_nullable => 1 },
309 "currency",
310 { data_type => "varchar", is_nullable => 1, size => 10 },
311 "price",
312 { data_type => "decimal", is_nullable => 1, size => [28, 6] },
313 "total",
314 { data_type => "decimal", is_nullable => 1, size => [28, 6] },
315 "sugn1",
316 { data_type => "smallint", is_nullable => 1 },
317 );
318
319 =head1 PRIMARY KEY
320
321 =over 4
322
323 =item * L</suggestionid>
324
325 =back
326
327 =cut
328
329 __PACKAGE__->set_primary_key("suggestionid");
330
331 =head1 RELATIONS

```

### Step 3

Add the below code somewhere at the desired place in file and according to the place of field in online form `/usr/share/koha/opac/htdocs/opac-tmpl/bootstrap/en/modules/opac-suggestions.tt`

```

<li id="opac-suggestion-sugn1">
    [% IF ( sugn1_required ) %]
    <label for="sugn1" class="required">Number of Student:</label>
    <input type="text" id="sugn1" name="sugn1" required="required"
maxlength="10" size="10" />
    <span class="required">Required</span>
    [% ELSE %]
    <label for="sugn1">Number of Student:</label>

```

```

229 <span class="label">Currency:</span>[% currency | html %]
230 </li>
231 <li>
232 <span class="label">Price:</span>[% price | $Price %]
233 </li>
234 <li>
235 <span class="label">Total</span>[% total | $Price %]
236 </li>
237 <li>
238 <span class="label">Number of Student</span>[% sugn1 | html %]
239 </li>
240 </ol>
241 </fieldset>
242
243 <fieldset class="action">
244 <a href="suggestion.pl">&lt;&lt; Back to suggestions</a>
245 </fieldset>
246
247 </div>
248 </div>
249 </div>
250 [% ELSE %]
251
252 [% IF op == 'save' %]
253 <div class="main container-fluid">
254 <div class="row">
255 <div class="col-md-8 col-md-offset-2">
256 [% ELSE %]
257 <div class="main container-fluid">
258 <div class="row">
259 <div class="col-sm-10 col-sm-push-2">
260 <main>
261
262 [% END %]
263
264 [% IF op == 'save' %]
265 [% FOR m IN messages %]

```

[% END %]  
 </li>

```

478 [% END %]
479 </select>
480
481 <li><label for="price">Price:</label>
482 <input type="text" size="20" name="price" id="price" value="[% price | html %]" />
483 </li><li><label for="total">Total: </label>
484 <input type="text" readonly="readonly" id="total" name="total" size="10" value="[% total | html %]" />
485 </li><li><label for="sugn1">Number of Student: </label>
486 <input type="text" size="10" name="sugn1" id="sugn1" value="[% sugn1 | html %]" />
487 </li>
488 </ol>
489 </fieldset>
490 <input type="hidden" id="returnsuggested" name="returnsuggested" value="[% IF ( returnsuggestedby ) [% returnsuggestedby | html %] [% ELSE %]noone[% END %]" />
491
492 <fieldset class="action">
493 <input type="hidden" name="op" value="[% op | html %]" />
494 [% IF ( suggestionid ) %]
495 <input type="hidden" name="save_confirmed" value="1" />
496 <input onclick="this.form.op.value = 'save'; this.form.submit();" type="submit" value="Confirm your suggestion" />
497 [% ELSE %]
498 <input type="submit" value="Save" />
499 <a class="cancel" href="[% IF ( returnsuggestedby ) %] /cgi-bin/koha/members/moremember.pl?borrowernumber=[% returnsuggestedby | uri %]#suggestions[% ELSE %]suggestion.pl[% END %]">Cancel</a>
500 [% ELSE %]
501 [% IF ( need_confirm ) %]
502 <input type="hidden" name="save_confirmed" value="1" />
503 <input onclick="this.form.op.value = 'save'; this.form.submit();" type="submit" value="Confirm your suggestion" />
504 [% ELSE %]
505 <input type="submit" value="Submit your suggestion" />
506 <a class="cancel" href="suggestion.pl">Cancel</a>
507 [% END %]
508 </fieldset>
509 </div>
510 </div>
511 </div>
512 </form>

```

## How to activate above feature in staff client

### Step 1

Add the following line at file /usr/share/koha/intranet/htdocs/intranet-tmpl/prog/en/modules/suggestion/suggestion.tt

```

<li>
  <span class="label">Number of Student</span>[% sugn1 | html %]
</li>

```

```

<li><label for="sugn1">Number of Student: </label>
      <input type="text" size="10" name="sugn1" id="sugn1" value="[% sugn1 |
html %]"/>
    </li>

```

### **Another Example**

Adding field for Course Code/Subject with mysql column name (sugn2)

#### **Step 1**

Creating column in suggestion table with mysql command

```
ALTER TABLE `suggestions` ADD `sugn2` VARCHAR(50) NULL DEFAULT NULL ;
```

#### **Step 2**

Add the detail of the created column in page available at  
 /usr/share/koha/lib/Koha/Schema/Result/Suggestion.pm

```
=head2 sugn2
```

```

data_type: 'varchar'
is_nullable: 1
size: 50

```

```

"sugn2",
{ data_type => "varchar", is_nullable => 1, size => 50 },

```

#### **Step 3**

Add the below code somewhere at the desired place in file and according to the place of field in online form /usr/share/koha/opac/htdocs/opac-tmpl/bootstrap/en/modules/opac-suggestions.tt

```

<li>
      [% IF ( sugn2_required ) %]
      <label for="sugn2" class="required">Course Code/Subject:</label>
      <input type="text" id="sugn2" name="sugn2" class="span6"
maxlength="50" value="[% sugn2 | html %]" required="required" />
      <span class="required">Required</span>
      [% ELSE %]
      <label for="sugn2">Course Code/Subject:</label>
      <input type="text" id="sugn2" name="sugn2" class="span6"
maxlength="50" value="[% sugn2 | html %]" />
      [% END %]
    </li>

```

## How to activate above feature in staff client

### Step 1

Add the following line at file /usr/share/koha/intranet/htdocs/intranet-tmpl/prog/en/modules/suggestion/suggestion.tt

```
<li>  
    <span class="label">Course Code/Subject</span>[% sugn2 | html %]  
</li>
```

```
<li><label for="sugn2">Course Code/Subject:</label><input type="text" id="sugn2"  
name="sugn2" size="50" maxlength="50" value="[% sugn2 | html %]"/></li>
```

### Customized OPAC purchase suggestion form

**Title:**  Required

**Author:**

**Copyright date:**

**Standard number (ISBN, ISSN or other):**

**Publisher:**

**Collection title:**

**Publication place:**

**Quantity:**

**Course Code/Subject:**

**Number of Student:**

**Approx price of one book (Rs.):**

**Item type:**

**Library:**

**Reason for suggestion:**

**Notes:**

[Cancel](#)