AthletesUP project form validation check

**Why need this documents?**

To backend developers:

Purpose: In order to uniform the validation in the backend.

To frontend developers:

Purpose: In order to make frontend developer clear with the validation logic. Help them to know which value should be returned.

**How to write the validation logic?**

Example:

//Init new org object :

$new\_org = ORM::factory('Sportorg\_Org');

//Save post values to $new\_org

$leagues\_id = trim($this->request->post('leagues\_id'));

$new\_org->leagues\_id = $leagues\_id;

$divisions\_id = trim($this->request->post('divisions\_id'));

$new\_org->divisions\_id = $divisions\_id;

//add validation & save logics here

$org\_validate = Validation::factory($new\_org->as\_array())

->rule('name', 'not\_empty')

->rule('single\_sport', 'not\_empty')

->rule('single\_sport', 'in\_array', array(':value', array(0, 1)))

->rule('season\_profiles\_id', 'not\_equals', array(':value', 0))

->rule('complevel\_profiles\_id', 'not\_equals', array(':value', 0))

->rule('leagues\_id', 'not\_equals', array(':value', 0))

->rule('divisions\_id', 'not\_equals', array(':value', 0));

if (!$org\_validate->check()){

TODO: Comment: We will get all the error messages from db $validate\_errors=$org\_validate->errors('models/sportorg/org');

$error\_array = array(

"error" => implode('\n', $validate\_errors),

"param\_name" => "name",

"param\_desc" => "Name of the Org to add"

);

// Set whether it is a fatal error

$is\_fatal = true;

$this->addError($error\_array,$is\_fatal);

return $new\_org;

}

//Validation pass, save the object & return

$new\_org->save();

Return $new\_org;

//That’s all. More details, please visit:

/application/classes/controller/Api/Org.php

**Where to put custom validate rules?**

/application/classes/Valid.php

You can write your own validations, It should be common. Or else you can put it in your own model class.

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| --- | --- | --- | --- | --- |
| Module | Method  (Get,Post,  Put,Delete) | Form rules | Expect Result | Validtoin |
|  |  |  |  |  |
| User/add | Post | email | Not null | not\_empty,  email,  unique\_email |
|  |  | first\_name | Not null | not\_empty, alpha |
|  |  | last\_name | Not null | not\_empty, alpha |
|  |  | password | Not null | not\_empty |
|  |  | facebook\_id | null | N/A |
|  |  |  |  |  |
| user/addteam | Not do yet |  |  |  |
| user/addsport | Not do yet |  |  |  |
| user/addrole/ | Not do yet |  |  |  |
| user/addidentity | Not do yet |  |  |  |
| user/position | Not do yet |  |  |  |
|  |  |  |  |  |
| Org | Post | Name | Required | not\_empty |
|  |  | Single sport | bool–Only accept 0 or 1 | not\_empty,  in\_array(0, 1) |
|  |  | season\_profiles\_id | Not null | not\_equals |
|  |  | complevel\_profiles\_id | Not null | not\_equals |
|  |  | leagues\_id | Not null | not\_equals |
|  |  | divisions\_id | Not null | not\_equals |
| org/addsport | Not do yet |  |  |  |
|  |  |  |  |  |
| position/add/ |  | name | Required | not\_empty |
|  |  | sports\_id | Not null | not\_equals |
|  |  | stattab\_id | Not null | not\_empty, stat\_tab\_id\_exist |
|  |  |  |  |  |
|  |  |  |  |  |
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