```php
<?php //demoProject
function get_classification_demoProject(){
$reference_tables=array();//from nowit will worklike this
$config=array();
$result['class_action']='override';
$result['screen_action']='override';
$result['qa_action']='override';
$result['project_title']='Demo Project';
$result['project_short_name']='demoProject';
$config['classification']['table_name']='classification';
$config['classification']['config_id']='classification';
$config['classification']['table_id']='class_id';
$config['classification']['table_active_field']='class_active';
$config['classification']['main_field']='class_paper_id';

$config['classification']['entity_label']='Classification';
$config['classification']['entity_label_plural']='Classifications';


$config['classification']['reference_title']='Classifications';
$config['classification']['reference_title_min']='Classification';

$config['classification']['order_by']='class_id ASC ';


$config['classification']['links'][ 'edit']=array(
                    'label'=>'Edit',
                    'title'=>'Edit classification',
                    'on_list'=>False,
                    'on_view'=>True
        );

$config['classification']['links'][ 'view']=array(
                    'label'=>'View',
                    'title'=>'View',
                    'on_list'=>True,
                    'on_view'=>True
        );

$config['classification']['fields'][ 'class_id']=array(
                    'field_title'=>'#',
                    'field_type'=>'number',
                    'field_value'=>'auto_increment',
                    'default_value'=>'auto_increment',

                    'on_add'=>'hidden',
                    'on_edit'=>'hidden',
                    'on_list'=>'show',
                    'on_view'=>'hidden',
        );

$config['classification']['fields'][ 'class_paper_id']=array(
                    'field_title'=>'Paper',
                    'field_type'=>'int',
```

```
                              'field_size'=>11,
                              //'field_value'=>'normal',
                              'input_type'=>'select',
                              'input_select_source'=>'table',
                              'input_select_values'=>'papers;CONCAT_WS(" -
",bibtexKey,title)',

                              'mandatory'=>' mandatory ',

                              'on_add'=>'enabled',
                              'on_edit'=>'enabled',
                              'on_list'=>'show'
                );
//project specific area


$config['classification']['fields'][ 'has_choco']=array(
       'category_type'=>'FreeCategory',
       'field_title'=>'Has chocolate',
       'input_type'=>'text',
       'field_size'=>20,
       'field_type'=>'bool',
       'field_value'=>'0_1',
       'field_size'=>1,
       'field_type'=>'int',
       'input_type'=>'select',
       'input_select_source'=>'yes_no',
       'input_select_values'=>'1',
       //'number_of_values'=>'',//a verifier
       'number_of_values'=>'1',//tous les Freecategory ont une seule
valeur
       //'field_value'=>'normal',

       'mandatory'=>' mandatory ',

       'pattern'=>'',

       'initial_value'=>'',
       'field_value'=>'',

       'on_add'=>'enabled',
       'on_edit'=>'enabled',
       'on_list'=>'show'
       );

$config['classification']['fields'][ 'temperature']=array(
       'category_type'=>'FreeCategory',
       'field_title'=>'Temperature',
       'input_type'=>'text',
       'field_size'=>20,
       'field_type'=>'real',
       //'number_of_values'=>'',//a verifier
       'number_of_values'=>'1',//tous les Freecategory ont une seule
valeur
       //'field_value'=>'normal',
```

```php
        'mandatory'=>' mandatory ',

        'pattern'=>'',

        'initial_value'=>'',
        'field_value'=>'',

        'on_add'=>'enabled',
        'on_edit'=>'enabled',
        'on_list'=>'show'
        );

$config['classification']['fields'][ 'start']=array(
        'category_type'=>'FreeCategory',
        'field_title'=>'Start date',
        'input_type'=>'text',
        'field_size'=>20,
        'field_type'=>'text',
        'input_type'=>'date',
        //'number_of_values'=>'',//a verifier
        'number_of_values'=>'1',//tous les Freecategory ont une seule
valeur
        //'field_value'=>'normal',

        'mandatory'=>' mandatory ',

        'pattern'=>'',

        'initial_value'=>'',
        'field_value'=>'',

        'on_add'=>'enabled',
        'on_edit'=>'enabled',
        'on_list'=>'show'
        );

$config['classification']['fields'][ 'code']=array(
        'category_type'=>'FreeCategory',
        'field_title'=>'Code',
        'input_type'=>'text',
        'field_size'=>10,
        'field_type'=>'text',
        //'number_of_values'=>'',//a verifier
        'number_of_values'=>'1',//tous les Freecategory ont une seule
valeur
        //'field_value'=>'normal',


        'pattern'=>'[A-Z]+[0-9]*',

        'initial_value'=>'AB9',
        'field_value'=>'AB9',
```

```php
       'on_add'=>'enabled',
       'on_edit'=>'enabled',
       'on_list'=>'show'
       );
$config['classification']['fields'][ 'brand']=array(
       'category_type'=>'IndependantDynamicCategory',
       'field_title'=>'Brand',
       'field_type'=>'int',
       'field_size'=>11,
       //'field_value'=>'normal',
       'number_of_values'=>'1',//a verifier

       'input_type'=>'select',
       'input_select_source'=>'table',
       'input_select_values'=>'Brand',
       'on_add'=>'enabled',
       'on_edit'=>'enabled',
       'on_list'=>'show'
                       );
       $reference_tables['Brand']['ref_name'] ='Brand';
       $initial_values=array();
       array_push($initial_values, "Ferrero");
       array_push($initial_values, "Ghirardelli");
       array_push($initial_values, "Godiva");
       array_push($initial_values, "Hersheys");
       array_push($initial_values, "Leonidas");
       array_push($initial_values, "Lindt");
       array_push($initial_values, "Nestle");
       if(empty($reference_tables['Brand']['values'])){
             $reference_tables['Brand']['values'] =  $initial_values;
       }else{
             foreach ($initial_values as $key => $value) {
                   if (!in_array($value,
$reference_tables['Brand']['values'] )){

       array_push($reference_tables['Brand']['values'],$value);
                   }
             }
       }


$config['classification']['fields'][ 'cocoa_origin']=array(
       'category_type'=>'StaticCategory',
       'field_title'=>'Cocoa origin',
       'field_type'=>'text',
       //'field_value'=>'normal',
       'number_of_values'=>'0',// a  verifier
       'field_size'=>20,
       'input_type'=>'select',
       'input_select_source'=>'array',
       'input_select_values'=>array(
       'Cote dIvoire'=>"Cote dIvoire",
       'Indonesia'=>"Indonesia",
       'Ghana'=>"Ghana",
```

```php
        'Nigeria'=>"Nigeria",
        'Cameroon'=>"Cameroon",
        'Brazil'=>"Brazil",
        'Ecuador'=>"Ecuador",
        'Mexico'=>"Mexico",
        'Dominican Republic'=>"Dominican Republic",
        'Peru'=>"Peru",
        ),
        'on_add'=>'enabled',
        'on_edit'=>'enabled',
        'on_list'=>'show'
        );


$config['classification']['fields'][ 'cocoa_level']=array(
        'category_type'=>'StaticCategory',
        'field_title'=>'Cocoa level',
        'field_type'=>'text',
        //'field_value'=>'normal',
        'number_of_values'=>'1',// a  verifier
        'mandatory'=>' mandatory ',
        'field_size'=>20,
        'input_type'=>'select',
        'input_select_source'=>'array',
        'input_select_values'=>array(
        '35%'=>"35%",
        '40%'=>"40%",
        '45%'=>"45%",
        '50%'=>"50%",
        '55%'=>"55%",
        '60%'=>"60%",
        '65%'=>"65%",
        '70%'=>"70%",
        '75%'=>"75%",
        '80%'=>"80%",
        '90%'=>"90%",
        '95%'=>"95%",
        '100%'=>"100%",
        ),
        'on_add'=>'enabled',
        'on_edit'=>'enabled',
        'on_list'=>'show'
        );


$config['classification']['fields'][ 'types']=array(
        'category_type'=>'StaticCategory',
        'field_title'=>'Types',
        'field_type'=>'text',
        //'field_value'=>'normal',
        'number_of_values'=>'0',// a  verifier
        'field_size'=>20,
        'input_type'=>'select',
        'input_select_source'=>'array',
```

```php
        'input_select_values'=>array(
        'Raw'=>"Raw",
        'Dark'=>"Dark",
        'Milk'=>"Milk",
        'White'=>"White",
        'Baking'=>"Baking",
        'Modeling'=>"Modeling",
        'Organic'=>"Organic",
        'Compound'=>"Compound",
        'Couverture'=>"Couverture",
        'Ruby'=>"Ruby",
        ),
        'on_add'=>'enabled',
        'on_edit'=>'enabled',
        'on_list'=>'show'
        );


$config['variety']['table_name']='variety';
$config['variety']['table_id']='variety_id';
$config['variety']['table_active_field']='variety_active';
$config['variety']['main_field']='variety';
$config['variety']['order_by']='variety_id ASC ';


$config['variety']['reference_title']='Variety';
$config['variety']['reference_title_min']='Variety';

$config['variety']['entity_label_plural']='Variety';
$config['variety']['entity_label']='Variety';


$config['variety']['links'][ 'edit']=array(
                    'label'=>'Edit',
                    'title'=>'Edit ',
                    'on_list'=>False,
                    'on_view'=>True
        );

$config['variety']['links'][ 'view']=array(
                    'label'=>'View',
                    'title'=>'View',
                    'on_list'=>True,
                    'on_view'=>True
        );

$config['variety']['fields']['variety_id']=array(
                    'field_title'=>'#',
                    'field_type'=>'int',
                    'field_size'=>11,
                    'field_value'=>'auto_increment',

                    'default_value'=>'auto_increment',
                    //to clean
```

```php
                    'on_add'=>'hidden',
                    'on_edit'=>'hidden',
                    'on_list'=>'show',
                    'on_view'=>'hidden'
                    );
$config['variety']['fields']['parent_field_id']=array(
                        'category_type'=>'ParentExternalKey',
                        'field_title'=>'Parent',
                        'field_type'=>'int',
                        //'field_value'=>'normal',
                        'field_size'=>11,
                        'mandatory'=>' mandatory ',
                        'input_type'=>'select',
                        'input_select_source'=>'table',

        'input_select_values'=>'classification',
                        //to clean
                        'compute_result'=>'no',

                        'on_add'=>'hidden',
                        'on_edit'=>'hidden',
                        'on_list'=>'hidden',
                        'on_view'=>'hidden'
                    );

$config['variety']['fields'][ 'variety']=array(
        'category_type'=>'IndependantDynamicCategory',
        'field_title'=>'Variety',
        'field_type'=>'int',
        'field_size'=>11,
        //'field_value'=>'normal',
        'number_of_values'=>'1',//a verifier

        'input_type'=>'select',
        'input_select_source'=>'table',
        'input_select_values'=>'variety',
        'on_add'=>'enabled',
        'on_edit'=>'enabled',
        'on_list'=>'show'
                    );
        $reference_tables['variety']['ref_name'] ='variety';
        $initial_values=array();
        array_push($initial_values, "Bitter");
        array_push($initial_values, "Bittersweet");
        array_push($initial_values, "Semi-sweet");
        array_push($initial_values, "Sweet");
        if(empty($reference_tables['variety']['values'])){
            $reference_tables['variety']['values'] =      $initial_values;
        }else{
            foreach ($initial_values as $key => $value) {
                if (!in_array($value,
$reference_tables['variety']['values'] )){

        array_push($reference_tables['variety']['values'],$value);
```

```php
                        }
                }
        }


$config['variety']['fields'][ 'level1']=array(
        'category_type'=>'DependentDynamicCategory',
        'field_title'=>'Level 1',
        'field_type'=>'int',
        'field_size'=>11,
 //     'field_value'=>'normal',
        'number_of_values'=>'1',

        'input_type'=>'select',
        'input_select_source'=>'table',
        'input_select_values'=>'cocoa_level',//� corriger seul les
category sur le root sont support�s pour le moment
        'on_add'=>'enabled',
        'on_edit'=>'enabled',
        'compute_result'=>'no',
        'on_list'=>'show'
                        );




$config['variety']['fields'][ 'level2']=array(
        'category_type'=>'DependentDynamicCategory',
        'field_title'=>'Level 2',
        'field_type'=>'int',
        'field_size'=>11,
 //     'field_value'=>'normal',
        'number_of_values'=>'1',

        'input_type'=>'select',
        'input_select_source'=>'table',
        'input_select_values'=>'cocoa_level',//� corriger seul les
category sur le root sont support�s pour le moment
        'on_add'=>'enabled',
        'on_edit'=>'enabled',
        'compute_result'=>'no',
        'on_list'=>'show'
                        );




$config['variety']['fields']['variety_active']=array(
                                'field_title'=>'Active',
                                'field_type'=>'int',
                                'field_size'=>'1',
                                'field_value'=>'1',
                                //to clean
                                'on_add'=>'not_set',
                                'on_edit'=>'not_set',
```

```php
                                    'on_list'=>'hidden',
                                    'on_view'=>'hidden'
                    );
$config['variety']['operations']=array();

$config['classification']['fields'][ 'variety']=array(
        'category_type'=>'WithMultiValues',
        'field_title'=>'Variety',
        'field_type'=>'int',
        'field_size'=>11,
        //'field_value'=>'normal',
        'number_of_values'=>'2',//a verifier


        'input_type'=>'select',
        'input_select_source'=>'table',
        'input_select_values'=>'variety',
        'input_select_key_field'=>'parent_field_id',
        'input_select_source_type'=>'drill_down',
        //'number_of_values'=>'*',//a verifier
        'on_add'=>'drill_down',
        'on_edit'=>'drill_down',
        'compute_result'=>'no',
        'on_list'=>'show'
                        );


$config['classification']['fields'][ 'venue']=array(
        'category_type'=>'FreeCategory',
        'field_title'=>'Venue',
        'input_type'=>'text',
        'field_size'=>100,
        'field_type'=>'text',
        //'number_of_values'=>'',//a verifier
        'number_of_values'=>'1',//tous les Freecategory ont une seule
valeur
        //'field_value'=>'normal',

        'mandatory'=>' mandatory ',

        'pattern'=>'',

        'initial_value'=>'',
        'field_value'=>'',

        'on_add'=>'enabled',
        'on_edit'=>'enabled',
        'on_list'=>'show'
        );

$config['classification']['fields'][ 'year']=array(
        'category_type'=>'FreeCategory',
        'field_title'=>'Year',
        'input_type'=>'text',
```

```php
            'field_size'=>4,
            'field_type'=>'int',
            //'number_of_values'=>'',//a verifier
            'number_of_values'=>'1',//tous les Freecategory ont une seule
valeur
            //'field_value'=>'normal',

            'mandatory'=>' mandatory ',

            'pattern'=>'',

            'initial_value'=>'',
            'field_value'=>'',

            'on_add'=>'enabled',
            'on_edit'=>'enabled',
            'on_list'=>'show'
            );

$config['classification']['fields'][ 'citation']=array(
            'category_type'=>'FreeCategory',
            'field_title'=>'Number of citations',
            'input_type'=>'text',
            'field_size'=>20,
            'field_type'=>'int',
            //'number_of_values'=>'1',//a verifier
            'number_of_values'=>'1',//tous les Freecategory ont une seule
valeur
            //'field_value'=>'normal',


            'pattern'=>'',

            'initial_value'=>'',
            'field_value'=>'',

            'on_add'=>'enabled',
            'on_edit'=>'enabled',
            'on_list'=>'show'
            );

$config['classification']['fields'][ 'note']=array(
            'category_type'=>'FreeCategory',
            'field_title'=>'Note',
            'input_type'=>'text',
            'field_size'=>500,
            'field_type'=>'text',
            'input_type'=>'textarea',
            //'number_of_values'=>'1',//a verifier
            'number_of_values'=>'1',//tous les Freecategory ont une seule
valeur
            //'field_value'=>'normal',
```

```php
        'pattern'=>'',

        'initial_value'=>'',
        'field_value'=>'',

        'on_add'=>'enabled',
        'on_edit'=>'enabled',
        'on_list'=>'show'
        );

// end project specific area
$config['classification']['fields']['user_id']=array(
        'field_title'=>'Classified by',
        'field_type'=>'int',
        'field_size'=>11,
        'field_value'=>active_user_id(),
        'input_type'=>'select',
        'input_select_source'=>'table',
        'input_select_values'=>'users;user_name',
        'mandatory'=>' mandatory ',

        'on_add'=>'hidden',
        'on_edit'=>'hidden',
        'on_list'=>'hidden',
        'on_view'=>'hidden'
);

$config['classification']['fields']['classification_time']=array(
        'field_title'=>'Classification time',
        'field_type'=>'time',
        'default_value'=>'CURRENT_TIMESTAMP',
        'field_value'=>bm_current_time('Y-m-d H:i:s'),
        'field_size'=>20,
        'mandatory'=>' mandatory ',

        'on_add'=>'not_set',
        'on_edit'=>'not_set',
        'on_list'=>'hidden',
        'on_view'=>'hidden'
);

$config['classification']['fields']['class_active']=array(
                'field_title'=>'Active',
                'field_type'=>'int',
                'field_size'=>'1',

                //'field_value'=>'normal',
                'on_add'=>'not_set',
                'on_edit'=>'not_set',
                'on_list'=>'hidden',
                'on_view'=>'hidden'
            );
$config['classification']['operations']=array();
$result[ 'config' ] =$config;
```

```php
$result[ 'reference_tables' ] =$reference_tables;

//QA area


$qa=array();
$qa['cutt_off_score']='5';
$qa['questions']=array();
  array_push($qa['questions'], array(
                                                        'title' =>"Is
the paper about chocolate?",
                                                        )
  );
  array_push($qa['questions'], array(
                                                        'title' =>"Is
the chocolate brand available?",
                                                        )
  );
  array_push($qa['questions'], array(
                                                        'title' =>"Is
there a validation of the methodology?",
                                                        )
  );
$qa['responses']=array();
   array_push($qa['responses'], array(
                                                        'title' =>"Yes",
                                                        'score' =>"3",
                                                        )

  );
   array_push($qa['responses'], array(
                                                        'title'
=>"Bearly",
                                                        'score' =>"1.5",
                                                        )

  );
   array_push($qa['responses'], array(
                                                        'title' =>"No",
                                                        'score' =>"0",
                                                        )

  );
$result[ 'qa' ]=$qa;

//QA area


//SCREENING area


$screening=array();
$screening['review_per_paper']='2';
$screening['conflict_type']='ExclusionCriteria';
$screening['conflict_resolution']='Unanimity';
$screening['validation_assigment_mode']='Normal';
```

```php
$screening['validation_percentage']='10';
$screening['exclusion_criteria']=array();
array_push($screening['exclusion_criteria'], "EC1: Too short ");
array_push($screening['exclusion_criteria'], "EC2: Not abour chocolate");
$screening['source_papers']=array();
array_push($screening['source_papers'], "Google Scholar");
array_push($screening['source_papers'], "Chocolate DB");
$screening['source_papers']=array();
array_push($screening['source_papers'], "Google Scholar");
array_push($screening['source_papers'], "Chocolate DB");
$screening['phases']=array();
 array_push($screening['phases'], array(
                                                    'title'
=>"Title",
                                                    'description'
=>"Screen by title",

      'fields'=>'Title|',
                                                    )
 );
 array_push($screening['phases'], array(
                                                    'title' =>"Full-
Text",
                                                    'description'
=>"Screen by full-text",

      'fields'=>'Title|Abstract|Link|Preview|',
                                                    )
 );

$result[ 'screening' ]=$screening;

//SCREENING area

//REPORTING
$report=array();
$report['year']['type']='simple';
$report['year']['title']='Papers per year';
$report['year']['id']='year';
$report['year']['link']='false';
$report['year']['values']['field']='year';
$report['year']['values']['style']='select';
$report['year']['values']['title']='Year';
$charts=array();
      array_push($charts, "line");
$report['year']['chart']=$charts;
$report['year_venue']['type']='compare';
$report['year_venue']['title']='Venue per year';
$report['year_venue']['id']='year_venue';
$report['year_venue']['link']='false';
$report['year_venue']['values']['field']='venue';
$report['year_venue']['values']['style']='select';
$report['year_venue']['values']['title']='Venue';
$report['year_venue']['reference']['field']='year';
```

```php
  $report['year_venue']['reference']['style']='select';
  $report['year_venue']['reference']['title']='Year';
   $charts=array();
       array_push($charts, "bar");
   $report['year_venue']['chart']=$charts;
$report['year_citation']['type']='compare';
$report['year_citation']['title']='Citations per year';
$report['year_citation']['id']='year_citation';
$report['year_citation']['link']='false';
$report['year_citation']['values']['field']='citation';
$report['year_citation']['values']['style']='select';
$report['year_citation']['values']['title']='Number of citations';
$report['year_citation']['reference']['field']='year';
 $report['year_citation']['reference']['style']='select';
  $report['year_citation']['reference']['title']='Year';
   $charts=array();
       array_push($charts, "bar");
   $report['year_citation']['chart']=$charts;
$report['has_choco']['type']='simple';
$report['has_choco']['title']='Has chocolate';
$report['has_choco']['id']='has_choco';
$report['has_choco']['link']='false';
$report['has_choco']['values']['field']='has_choco';
$report['has_choco']['values']['style']='select';
$report['has_choco']['values']['title']='Has chocolate';
$charts=array();
       array_push($charts, "pie");
$report['has_choco']['chart']=$charts;
$report['temperature']['type']='simple';
$report['temperature']['title']='Temperature';
$report['temperature']['id']='temperature';
$report['temperature']['link']='false';
$report['temperature']['values']['field']='temperature';
$report['temperature']['values']['style']='select';
$report['temperature']['values']['title']='Temperature';
$charts=array();
       array_push($charts, "pie");
$report['temperature']['chart']=$charts;
$report['year_brand']['type']='compare';
$report['year_brand']['title']='Brand per year';
$report['year_brand']['id']='year_brand';
$report['year_brand']['link']='false';
$report['year_brand']['values']['field']='brand';
$report['year_brand']['values']['style']='select';
$report['year_brand']['values']['title']='Brand';
$report['year_brand']['reference']['field']='year';
 $report['year_brand']['reference']['style']='select';
 $report['year_brand']['reference']['title']='Year';
   $charts=array();
       array_push($charts, "line");
   $report['year_brand']['chart']=$charts;
$report['level_origin']['type']='compare';
$report['level_origin']['title']='Cocoa level per origin';
$report['level_origin']['id']='level_origin';
```

```php
$report['level_origin']['link']='false';
$report['level_origin']['values']['field']='cocoa_level';
$report['level_origin']['values']['style']='select';
$report['level_origin']['values']['title']='Cocoa level';
$report['level_origin']['reference']['field']='cocoa_origin';
 $report['level_origin']['reference']['style']='select';
 $report['level_origin']['reference']['title']='Cocoa origin';
  $charts=array();
     array_push($charts, "bar");
  $report['level_origin']['chart']=$charts;
$report['level_types']['type']='compare';
$report['level_types']['title']='Cocoa types per level';
$report['level_types']['id']='level_types';
$report['level_types']['link']='false';
$report['level_types']['values']['field']='types';
$report['level_types']['values']['style']='select';
$report['level_types']['values']['title']='Types';
$report['level_types']['reference']['field']='cocoa_origin';
 $report['level_types']['reference']['style']='select';
 $report['level_types']['reference']['title']='Cocoa origin';
  $charts=array();
     array_push($charts, "bar");
  $report['level_types']['chart']=$charts;
$result[ 'report' ]=$report;
//REPORTING

return $result;
}
```