<?php

// Start session management with a persistent cookie

$lifetime = 60 \* 60 \* 24 \* 365; // 1 year in seconds

session\_set\_cookie\_params($lifetime, '/');

session\_start();

//get tasklist array from session

//$task\_list = filter\_input(INPUT\_POST, 'tasklist', FILTER\_DEFAULT,

// FILTER\_REQUIRE\_ARRAY);

//if ($task\_list === NULL) {

// $task\_list = array();

// $task\_list[] = 'Write chapter';

// $task\_list[] = 'Edit chapter';

// $task\_list[] = 'Proofread chapter';

//}

if (isset($\_SESSION['tasklist']))

{

$task\_list = $\_SESSION['tasklist'];

}

else

{

$task\_list = array();

}

//get action variable from POST

$action = filter\_input(INPUT\_POST, 'action');

//initialize error messages array

$errors = array();

function add\_task(&$task\_list, $new\_task, &$errors)

{

if (empty($new\_task))

{

$errors[] = 'The new task cannot be empty.';

}

else

{

array\_push($task\_list, $new\_task);

}

}

function delete\_task(&$task\_list, $task\_index, &$errors)

{

if ($task\_index === NULL || $task\_index === FALSE)

{

$errors[] = 'The task cannot be deleted.';

}

else

{

unset($task\_list[$task\_index]);

$task\_list = array\_values($task\_list);

}

}

function modify\_task(&$task\_list, $task\_index, &$errors, &$task\_to\_modify)

{

if ($task\_index === NULL || $task\_index === FALSE)

{

$errors[] = 'The task cannot be modified.';

}

else

{

$\_SESSION["modifiedtaskid"] = $task\_index; //select task to modify, writes it into session

$task\_to\_modify = $task\_list[$task\_index];

}

}

function save\_changes(&$task\_list, &$modified\_task, $i, &$errors)

{

if (empty($modified\_task))

{

$errors[] = 'The modified task cannot be empty.';

}

elseif($i === NULL || $i === FALSE)

{

$errors[] = 'The task cannot be modified.';

}

else

{

$task\_list[$i] = $modified\_task;

$modified\_task = '';

}

}

function promote\_task(&$task\_list, $task\_index, &$errors)

{

if ($task\_index === NULL || $task\_index === FALSE) {

$errors[] = 'The task cannot be promoted.';

} elseif ($task\_index == 0) {

$errors[] = 'You can\'t promote the first task.';

} else {

// get the values for the two indexes

$task\_value = $task\_list[$task\_index];

$prior\_task\_value = $task\_list[$task\_index-1];

// swap the values

$task\_list[$task\_index-1] = $task\_value;

$task\_list[$task\_index] = $prior\_task\_value;

}

}

//process

switch( $action ) {

case 'Add Task':

$new\_task = filter\_input(INPUT\_POST, 'newtask');

add\_task($task\_list, $new\_task, $errors);

/\*if (empty($new\_task)) {

$errors[] = 'The new task cannot be empty.';

} else {

// $task\_list[] = $new\_task;

array\_push($task\_list, $new\_task);

}\*/

break;

case 'Delete Task':

$task\_index = filter\_input(INPUT\_POST, 'taskid', FILTER\_VALIDATE\_INT);

delete\_task($task\_list, $task\_index, $error);

/\*if ($task\_index === NULL || $task\_index === FALSE) {

$errors[] = 'The task cannot be deleted.';

} else {

unset($task\_list[$task\_index]);

$task\_list = array\_values($task\_list);

}\*/

break;

case 'Modify Task':

$task\_index = filter\_input(INPUT\_POST, 'taskid', FILTER\_VALIDATE\_INT);

modify\_task($task\_list, $task\_index, $errors, $task\_to\_modify);

/\*if ($task\_index === NULL || $task\_index === FALSE) {

$errors[] = 'The task cannot be modified.';

} else {

$\_SESSION["modifiedtaskid"] = $task\_index; //select task to modify, writes it into session

$task\_to\_modify = $task\_list[$task\_index];

}\*/

break;

case 'Save Changes':

$i = $\_SESSION['modifiedtaskid']; //clicked "save changes," get it out of session

$modified\_task = filter\_input(INPUT\_POST, 'modifiedtask');

save\_changes($task\_list, $modified\_task, $i, $errors);

/\*if (empty($modified\_task)) {

$errors[] = 'The modified task cannot be empty.';

} elseif($i === NULL || $i === FALSE) {

$errors[] = 'The task cannot be modified.';

} else {

$task\_list[$i] = $modified\_task;

$modified\_task = '';

}\*/

break;

case 'Cancel Changes':

$modified\_task = '';

break;

case 'Promote Task':

$task\_index = filter\_input(INPUT\_POST, 'taskid', FILTER\_VALIDATE\_INT);

promote\_task($task\_list, $task\_index, $errors);

/\*if ($task\_index === NULL || $task\_index === FALSE) {

$errors[] = 'The task cannot be promoted.';

} elseif ($task\_index == 0) {

$errors[] = 'You can\'t promote the first task.';

} else {

// get the values for the two indexes

$task\_value = $task\_list[$task\_index];

$prior\_task\_value = $task\_list[$task\_index-1];

// swap the values

$task\_list[$task\_index-1] = $task\_value;

$task\_list[$task\_index] = $prior\_task\_value;

}\*/

break;

case 'Sort Tasks':

sort($task\_list);

break;

}

$\_SESSION['tasklist'] = $task\_list;

include('task\_list.php');

?>