WaterScrum V0.0.3

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Chapter 1

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Chapter 2

File Documentation

2.1 /autofs/unityaccount/pages_web_perso/msjuan/gr1_eq2_Dev/src/model/backlog.php File Reference

Various functions, who have for objectif to give all the necessary for the controller backlog you will find fonctions for userStories insideProjectRole essentially CRUD function.

Functions

- add_inside_project_role (\$projectID, \$roleName, \$roleDescription)
 - this function add a given project_role inside database on inside_project_role table
- get_all_inside_project_role (\$projectID)
 - this function return all inside_project_role of a given project
- modify_inside_project_role (\$roleID, \$roleName, \$roleDescription)
 - this function modify a given project_role inside database on inside_project_role table
- remove_by_role_id (\$id)
 - this function remove a given project_role inside database on inside_project_role table
- get_all_US_by_project_id (\$project_id)
 - this function return all User stories of a given project
- add_inside_project_US (\$projectID, \$USName, \$roleId, \$iCan, \$soThat, \$difficulty, \$workValue, \$done)
 - this function add a given user_story inside database on user_story table
- remove US by id (\$USId)
 - this function remove a given user_story inside database on user_story table
- modify_inside_project_US (\$usID, \$projectID, \$USName, \$roleId, \$iCan, \$soThat, \$difficulty, \$workValue, \$done)

this function modify a given user_story inside database on user_story table

2.1.1 Detailed Description

Various functions, who have for objectif to give all the necessary for the controller backlog you will find fonctions for userStories insideProjectRole essentially CRUD function.

Backlog

2.1.2 Function Documentation

2.1.2.1 add_inside_project_role()

this function add a given project_role inside database on inside_project_role table

Parameters

projectID	the project id where you want to insert the project_role
roleName	the name of the role that you want add to the project
roleDescritpion	the description of the role that you want add to the project

Returns

The last insert index on the database or -1 if an exception occurs

Definition at line 19 of file backlog.php.

2.1.2.2 add_inside_project_US()

this function add a given user_story inside database on user_story table

Parameters

projectID	the project id where you want to insert the user_story
USName	the name of the User_story that you want add to the project
roleld	the role id that you want to link with the user_story
iCan	the iCan description of the user_story that you want add to the project
soThat	the soThat description of the user_story that you want add to the project
difficulty	the difficulty of the US value possible: 1 2 3 5 8 13 21 34
workValue	the workValue of the US value possible : low medium hight very-hight
done	a boolean integer that indicates if the user story is finished

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Returns

The last insert index on the database or -1 if an exception occurs

Definition at line 150 of file backlog.php.

2.1.2.3 get_all_inside_project_role()

```
get_all_inside_project_role (
             $projectID )
```

this function return all inside project role of a given project

Parameters

Returns

the PDOStatement contening all the project role or return -1 if an exception occurs

Definition at line 45 of file backlog.php.

2.1.2.4 get_all_US_by_project_id()

```
get_all_US_by_project_id (
             $project_id )
```

this function return all User stories of a given project

Parameters

projectID	the project id where you want to get the user stories
-----------	---

Returns

the PDOStatement contening all the userStories or return -1 if an exception occurs

Definition at line 120 of file backlog.php.

2.1.2.5 modify_inside_project_role()

```
modify_inside_project_role (
              $roleID,
```

```
$roleName,
$roleDescription )
```

this function modify a given project_role inside database on inside_project_role table

Parameters

roleID	the role id that you want to modify
roleName	the new name to insert inside the role
roleDescritpion	the new description to insert inside the role

Returns

the roleID that you have modify or -1 if an exception occurs

Definition at line 71 of file backlog.php.

2.1.2.6 modify_inside_project_US()

```
modify_inside_project_US (
    $usID,
    $projectID,
    $USName,
    $roleId,
    $iCan,
    $soThat,
    $difficulty,
    $workValue,
    $done )
```

this function modify a given user_story inside database on user_story table

Parameters

usID	the user_story id that you want to modify
USName	the new value for the name
roleld	the new value for the roleID
iCan	the new value for the iCan
soThat	the new value for the soThat
difficulty	the new value for the difficulty value possible: 1 2 3 5 8 13 21 34
workValue	the new value for the workValue value possible : low medium hight very-hight
done	the new value for the done

Returns

The id of the US or -1 if an exception occurs

Definition at line 212 of file backlog.php.

2.1.2.7 remove_by_role_id()

```
remove_by_role_id (
    $id )
```

this function remove a given project_role inside database on inside_project_role table

Parameters

roleID the role id that you want to remove

Returns

1 if succes -1 if an exception occurs

Definition at line 98 of file backlog.php.

2.1.2.8 remove_US_by_id()

```
remove_US_by_id (
    $USId )
```

this function remove a given user_story inside database on user_story table

Parameters

roleID	the user_story id that you want to remove

Returns

1 if succes -1 if an exception occurs

Definition at line 184 of file backlog.php.

2.2 /autofs/unityaccount/pages_web_perso/msjuan/gr1_eq2_Dev/src/model/doc.php File Reference

Various functions to make the doc page works Mainly CRUD functions, plus some to deal with the progression bar.

Functions

- get all done doc (\$projectId)
 - Get all the doc that is marked as 'done' in the database.
- get_all_todo_doc (\$projectId)

Get all the doc that is marked as 'todo' in the database.

get_all_deprecated_doc (\$projectId)

Get all the doc that is marked as 'deprecated' in the database.

count_proportion_doc (\$projectId)

Compute proportion of each type of doc (done, to do, deprecated)

compute_proportion_doc (\$projectId)

Compute the doc proportions of each category (done, to do, deprecated) to make percentages.

• add new doc (\$projectId, \$name, \$description, \$state)

Function to add a new doc element to the specified project.

• all_doc_done (\$projectId)

Function to mark all doc elements of a given project as done and refresh their last update date.

edit_doc (\$id, \$name, \$description, \$state)

Modify the informations of a doc from its id.

• delete doc (\$id, \$state)

Delete a doc element with its id.

change_state_doc (\$id, \$state)

Change the state of a doc element from its id and refresh its last update date. The function can be used only to refresh last update date (without state change)

check_deprecated_doc (\$projectId)

This function check all done doc in the database for a given project and mark it as deprecated if it is too old.

2.2.1 Detailed Description

Various functions to make the doc page works Mainly CRUD functions, plus some to deal with the progression bar.

Doc

2.2.2 Function Documentation

2.2.2.1 add_new_doc()

Function to add a new doc element to the specified project.

Parameters

projectId	The id of the project we want to add the doc to
name	The name of the doc
description	The text description of the doc
state	The enum state of the doc (can be done, to do or deprecated)

Returns

state Return the state of the added doc(this state will be used by the jQuery code to know which part of the page to refresh)

Definition at line 157 of file doc.php.

2.2.2.2 all_doc_done()

Function to mark all doc elements of a given project as done and refresh their last update date.

Parameters

project⊷	The id of the project that will have all its doc marked as done
ld	

Returns

stmt The statement value of the executed sql instruction

Definition at line 186 of file doc.php.

2.2.2.3 change_state_doc()

```
change_state_doc (
     $id,
     $state )
```

Change the state of a doc element from its id and refresh its last update date. The function can be used only to refresh last update date (without state change)

Parameters

id	The id of the doc that will change state
state	The new state of the doc

Returns

stmt The returned statement of the executed sql request

Definition at line 266 of file doc.php.

2.2.2.4 check_deprecated_doc()

This function check all done doc in the database for a given project and mark it as deprecated if it is too old.

Parameters

project⊷	The id of the project we want to check deprecated doc from
ld	

Returns

number Return the number of deprecated doc element found. If there was an error during execution, return -1

Definition at line 293 of file doc.php.

2.2.2.5 compute_proportion_doc()

Compute the doc proportions of each category (done, to do, deprecated) to make percentages.

Parameters

project←	The id of the project we want to compute the doc proportions from
ld	

Returns

percentages Return an array containing the three percentages of done, todo and deprecated docs

Definition at line 117 of file doc.php.

2.2.2.6 count_proportion_doc()

Compute proportion of each type of doc (done, to do, deprecated)

Parameters

project⊷	The id of the project we want to count doc from
ld	

Returns

counts Return an array containing the total number of docs, and the numbers of the done, to do, deprecated docs

Definition at line 74 of file doc.php.

2.2.2.7 delete_doc()

Delete a doc element with its id.

Parameters

id	The id of the doc we want to delete
state	The state of the doc that will be used only in the return instruction

Returns

state Return the state of the deleted doc. This way the jQuery code will know what section of the page that needs to be refreshed

Definition at line 243 of file doc.php.

2.2.2.8 edit_doc()

Modify the informations of a doc from its id.

Parameters

id	The id of the doc we want to modify
name	The new name of the doc element (can be the same as the old one)
description	The new description of the doc (can be the same as the old one)
Gesterated by Doxy	gehhe new state of the doc (can be the same as the old one)

Returns

state Return the state of the edited doc. This way the jQuery code will know what section of the page that needs to be refreshed

Definition at line 216 of file doc.php.

2.2.2.9 get_all_deprecated_doc()

Get all the doc that is marked as 'deprecated' in the database.

Parameters

project⊷	The id of the project we want to get the deprecated doc from	
ld		

Returns

docs All the deprecated doc found for this project

Definition at line 54 of file doc.php.

2.2.2.10 get_all_done_doc()

Get all the doc that is marked as 'done' in the database.

Parameters

project⊷	The id of the project we want to get the done doc from
ld	

Returns

docs All the done doc found for this project

Definition at line 14 of file doc.php.

2.2.2.11 get_all_todo_doc()

Get all the doc that is marked as 'todo' in the database.

Parameters

project⊷	The id of the project we want to get the to do doc from
ld	

Returns

docs All the to do doc found for this project

Definition at line 34 of file doc.php.

2.3 /autofs/unityaccount/pages_web_perso/msjuan/gr1_eq2_Dev/src/model/faq.php File Reference

Various functions to communicate with the faq and faq_comments table of the database. Essentially CRUD functions.

Functions

• getIdCategory (\$nameCat)

This function get the id of a faq category from its name.

getQA (\$category)

This function get all the couples questions/answers belonging to a given faq category.

editQA (\$id)

Modify the informations of a question/answer element from its id (given by a POST request) For administrators only.

• addQA ()

Add a new question/answer element to the faq table The q/a is get from a POST request For administrators only.

delQA (\$id)

Delete a question/answer element from the faq table from its id For administrators only.

searchQA (\$keywords)

Get all question/answer elements from the faq table that match the given keyword.

• addCategory ()

Add a new faq category to the database The category is get by a POST request For administrators only.

delCategory ()

Delete a faq category (and all the question/answer elements it contains by using sql cascades) The category is get by POST request For administrators only.

• getCategories ()

Get all the faq catagories that exist in the database.

2.3.1 Detailed Description

Various functions to communicate with the faq and faq_comments table of the database. Essentially CRUD functions.

Faq

2.3.2 Function Documentation

2.3.2.1 delQA()

```
\mbox{delQA} ( \mbox{\it $$sid$} )
```

Delete a question/answer element from the faq table from its id For administrators only.

Parameters

id The id of the question/answer element we want to delete

Definition at line 122 of file faq.php.

2.3.2.2 editQA()

```
editQA ( $id )
```

Modify the informations of a question/answer element from its id (given by a POST request) For administrators only.

Parameters

id The id of the element from the faq table

Definition at line 62 of file faq.php.

2.3.2.3 getCategories()

```
getCategories ( )
```

Get all the faq catagories that exist in the database.

Returns

categories All the categories found in the database

Definition at line 208 of file faq.php.

2.3.2.4 getIdCategory()

This function get the id of a faq category from its name.

Parameters

nameCat	The name of the faq category	
---------	------------------------------	--

Returns

id The id of the category specified by its name

Definition at line 15 of file faq.php.

2.3.2.5 getQA()

This function get all the couples questions/answers belonging to a given faq category.

Parameters

category The faq category we want the q/a from	n
--	---

Returns

qa All the elements in the faq table corresponding the the specified category

Definition at line 36 of file faq.php.

2.3.2.6 searchQA()

```
searchQA (
    $keywords )
```

Get all question/answer elements from the faq table that match the given keyword.

Parameters

Returns

qa All the question/answer elements that match the request

Definition at line 143 of file faq.php.

2.4 /autofs/unityaccount/pages_web_perso/msjuan/gr1_eq2_Dev/src/model/logout.php File Reference

This file contains only one function that allows you to disconnect from the website.

Functions

• logout ()

This function removes session variables to disconnect the user.

2.4.1 Detailed Description

This file contains only one function that allows you to disconnect from the website.

logout

2.5 /autofs/unityaccount/pages_web_perso/msjuan/gr1_eq2_Dev/src/model/modPanel.php File Reference

Various functions to enable administrator monitoring from the mod panel page. Mainly CRUD functions.

Functions

• getAllUsers (\$role)

Get all the users in the database from a specified role.

• changeUserRole (\$user, \$newrole)

Change the role of a given user to match the new given role Only possible in the case of an administrator editing the role of a regular user.

• deleteUser (\$user)

Delete a given user from its username Only possible in the case of an administrator deleting a regular user.

2.5.1 Detailed Description

Various functions to enable administrator monitoring from the mod panel page. Mainly CRUD functions.

Mod Panel

2.5.2 Function Documentation

2.5.2.1 changeUserRole()

Change the role of a given user to match the new given role Only possible in the case of an administrator editing the role of a regular user.

Parameters

user	The username of the user that will change role
newrole	The new role that will be given to this user

Definition at line 39 of file modPanel.php.

2.5.2.2 deleteUser()

```
deleteUser ( $user )
```

Delete a given user from its username Only possible in the case of an administrator deleting a regular user.

Parameters

```
user The username of the user that will be deleted
```

Definition at line 79 of file modPanel.php.

2.5.2.3 getAllUsers()

```
getAllUsers (
    $role )
```

Get all the users in the database from a specified role.

Parameters

role	The role we want to get all the users from
------	--

Returns

users All the users that have the specified role

Definition at line 15 of file modPanel.php.

2.6 /autofs/unityaccount/pages_web_perso/msjuan/gr1_eq2_Dev/src/model/profile.php File Reference

Various functions, who have for objectif to give all the necessary for the controller profile you will find fonctions for project_invitation user essentially CRUD function.

Functions

• getUserProfile (\$userName)

This function return the information about the given user.

getUserNbParticipation (\$userId)

This function Return the number of projects in which a user participates.

• getUserInvitationsOrRequest (\$isRequest, \$userId)

Returns all invitations or requests for a given user.

CancelRequest (\$projectIdToCancel, \$userId)

This function allows you to cancel a request by deleting the line in the database. this function is automaticly call when you accept an invitation.

• AcceptInvitaion (\$projectIdToJoin, \$userId)

This function adds a user who has received an invitation to a project to the project.

deleteAccount (\$userName)

This function delete the user with his username.

• editInfo (\$user)

2.6.1 Detailed Description

Various functions, who have for objectif to give all the necessary for the controller profile you will find fonctions for project_invitation user essentially CRUD function.

profile

2.6.2 Function Documentation

2.6.2.1 AcceptInvitaion()

This function adds a user who has received an invitation to a project to the project.

Parameters

projectIdToJoin	the project id	
userld	the user id	

Returns

1 if succes -1 if an exception occurs

Definition at line 117 of file profile.php.

2.6.2.2 CancelRequest()

This function allows you to cancel a request by deleting the line in the database. this function is automaticly call when you accept an invitation.

Parameters

projectIdToCancel	the project id	
userld	the user id	

Returns

1 if succes -1 if an exception occurs

Definition at line 89 of file profile.php.

2.6.2.3 deleteAccount()

This function delete the user with his username.

Parameters

userName	the user name of the usert that you want to remove

Returns

1 if succes -1 if an exception occurs

Definition at line 145 of file profile.php.

2.6.2.4 editInfo()

```
editInfo ( $user )
```

Update the informations of the user specified by his username from a POST request

Definition at line 166 of file profile.php.

2.6.2.5 getUserInvitationsOrRequest()

```
getUserInvitationsOrRequest (
    $isRequest,
    $userId )
```

Returns all invitations or requests for a given user.

Parameters

isRequest	1 for a request and 0 for an invitation
userld	The id of the user that you want the number of project

Returns

the PDOStatement contening thenumber of project about given user return -1 if an exception occurs

Definition at line 64 of file profile.php.

2.6.2.6 getUserNbParticipation()

This function Return the number of projects in which a user participates.

Parameters

use	r⊷	The id of the user that you want the number of project
ld		

Returns

the number of project about given user return -1 if an exception occurs

Definition at line 40 of file profile.php.

2.6.2.7 getUserProfile()

This function return the information about the given user.

Parameters

	userName	The name of the user that you want the information	
--	----------	--	--

Returns

an array contening the information about given user return -1 if an exception occurs

Definition at line 15 of file profile.php.

2.7 /autofs/unityaccount/pages_web_perso/msjuan/gr1_eq2_Dev/src/model/projects.php File Reference

Various functions, who have for objectif to give all the necessary for the controller projects you will find fonctions for project user inside project essentially CRUD function.

Functions

get_all_project_by_user_id (\$id)

This function return all projects of which a user is a member.

• get_all_project_without_user_id (\$id)

This function retrieves all projects to which a user is not a member.

remove_by_project_id (\$id)

this function remove a given project inside database on project table

create_new_project (\$userId, \$name, \$description, \$visibility=1)

This function creates a new project and inserts it into the project table.

associat_project_and_user (\$userId, \$projectId, \$role)

This function links a user to a project, this function is automatically called to create a project to associate the creator of the project to the project as project manager.

• leave a project (\$userId, \$projectId)

This function removes a user from a project.

• add_invitation_request (\$requesterUserId, \$projectId)

This function adds an invitation to a project to a user.

• check_if_request_already_exist (\$requesterUserId, \$projectId)

This function checks if an invitation already exists this function is called when adding an invitation request.

2.7.1 Detailed Description

Various functions, who have for objectif to give all the necessary for the controller projects you will find fonctions for project user inside project essentially CRUD function.

projects

2.7.2 Function Documentation

2.7.2.1 add_invitation_request()

This function adds an invitation to a project to a user.

Parameters

requester <i>←</i> UserId	The identifier of the user that you want to invite to the project
projectId	The identifier of the project that you want to invite the user.

Returns

1 if succes -1 if an exception occurs

Definition at line 183 of file projects.php.

2.7.2.2 associat_project_and_user()

```
$projectId,
$role )
```

This function links a user to a project, this function is automatically called to create a project to associate the creator of the project to the project as project manager.

Parameters

userld	The identifier of the user that you want to link to the project
project <i>←</i> Id	The identifier of the project that you want to link the user.
role	The role of the user you want to link to the project.

Returns

1 if succes -1 if an exception occurs

Definition at line 126 of file projects.php.

2.7.2.3 check_if_request_already_exist()

This function checks if an invitation already exists this function is called when adding an invitation request.

Parameters

requester⊷ UserId	The identifier of the user that you want to invite to the project
projectId	The identifier of the project that you want to invite the user.

Returns

1 if succes -1 if an exception occurs

Definition at line 216 of file projects.php.

2.7.2.4 create_new_project()

```
create_new_project (
    $userId,
    $name,
    $description,
    $visibility = 1 )
```

This function creates a new project and inserts it into the project table.

Parameters

userld	The identifier of the user who created the project this user will be declared by default head of this project
name	The name of the project you want to create.
description	The description of the project you want to create.
visibility	The visibility of the project you want to create by default the project is public.

Returns

The last insert index on the database or -1 if an exception occurs

Definition at line 95 of file projects.php.

2.7.2.5 get_all_project_by_user_id()

This function return all projects of which a user is a member.

Parameters

id The identifier of the user for whom you want to retrieve all projects

Returns

the PDOStatement contening all the project return -1 if an exception occurs

Definition at line 16 of file projects.php.

2.7.2.6 get_all_project_without_user_id()

This function retrieves all projects to which a user is not a member.

Parameters

id The identifier of the user for whom you want to retrieve all projects

Returns

the PDOStatement contening all the project return -1 if an exception occurs

Definition at line 39 of file projects.php.

2.7.2.7 leave_a_project()

This function removes a user from a project.

Parameters

userld	The identifier of the user that you want to unlink to the project
	The identifier of the project that you want to unlink the user.
ld	

Returns

1 if succes -1 if an exception occurs

Definition at line 155 of file projects.php.

2.7.2.8 remove_by_project_id()

```
remove_by_project_id (
    $id )
```

this function remove a given project inside database on project table

Parameters

id the project id that you want to remove

Returns

1 if succes -1 if an exception occurs

Definition at line 62 of file projects.php.

2.8 /autofs/unityaccount/pages_web_perso/msjuan/gr1_eq2_Dev/src/model/release.php File Reference

Various functions, who have for objectif to give all the necessary for the controller release you will find fonctions for project_commits essentially CRUD function.

Functions

get_git_url (\$projectID)

This function return the git url of a given project.

save all commit (\$projectID, \$allCommits)

save all given commits int the database in project_commit table

deprecate_all_test (\$projectID)

This function is automatically called when you insert a new commit in the database and makes all the tests of a project obsolete.

change_git_url (\$projectID, \$gitUrl)

This function allows you to modify the git URL associated with a project.

delete_all_commits (\$projectID)

This function removes all commits for a project from the database. This function is automatically called when you change the URL of a project's git.

get_all_commit (\$projectID)

This function returns all the commits for a given project.

get_last_commit (\$projectID)

This function returns the last commit for a given project.

2.8.1 Detailed Description

Various functions, who have for objectif to give all the necessary for the controller release you will find fonctions for project commits essentially CRUD function.

release

2.8.2 Function Documentation

2.8.2.1 change_git_url()

```
change_git_url (
              $projectID,
              $qitUrl )
```

This function allows you to modify the git URL associated with a project.

Parameters

projectID	The identifier of the project
gitUrl	the new gitUrl

Returns

1 if succes -1 if an exception occurs

Definition at line 101 of file release.php.

2.8.2.2 delete_all_commits()

This function removes all commits for a project from the database. This function is automatically called when you change the URL of a project's git.

Parameters

Returns

1 if succes -1 if an exception occurs

Definition at line 128 of file release.php.

2.8.2.3 deprecate_all_test()

This function is automatically called when you insert a new commit in the database and makes all the tests of a project obsolete.

Parameters

pr	ojectID	The identifier of the project

Returns

1 if succes -1 if an exception occurs

Definition at line 80 of file release.php.

2.8.2.4 get_all_commit()

```
get_all_commit (
             $projectID )
```

This function returns all the commits for a given project.

Parameters

projectID	The identifier of the project that you the commits
-----------	--

Returns

the PDOStatement contening the all commit or return -1 if an exception occurs

Definition at line 153 of file release.php.

2.8.2.5 get_git_url()

```
get_git_url (
              $projectID )
```

This function return the git url of a given project.

Parameters

projectID	The identifier of the project that you want the url

Returns

the PDOStatement contening the gitUrl return -1 if an exception occurs

Definition at line 16 of file release.php.

2.8.2.6 get_last_commit()

```
get_last_commit (
             $projectID )
```

This function returns the last commit for a given project.

projectID	The identifier of the project that you the commit
-----------	---

Returns

the PDOStatement contening the commit or return -1 if an exception occurs

Definition at line 178 of file release.php.

2.8.2.7 save_all_commit()

save all given commits int the database in project commit table

Parameters

projectID	The identifier of the project that you to save the commit
allCommits	An array containing the commits to be inserted must be a two-dimensional array

Returns

1 if succes -1 if an exception occurs

Definition at line 39 of file release.php.

2.9 /autofs/unityaccount/pages_web_perso/msjuan/gr1_eq2_Dev/src/model/selected Project.php File Reference

Various functions, who have for objectif to give all the necessary for selectedProject you will find fonctions for project user essentially CRUD function.

Functions

• get_project_master (\$id)

This function returns the leader of a given project.

• get_all_project_members (\$id)

This function returns all the member of the project.

get_all_project_joining_requests (\$id)

This function returns all the request for the given project.

• get_all_project_invitations (\$id)

This function returns all the sendend invitation for the given project.

get_project_by_id (\$id)

This function returns all the informations for the given project.

- editProject (\$id)
- acceptRequest (\$project_id, \$user_id, \$role)

This function adds a user who has send a request to a project to the project.

deleteMember (\$project_id, \$user_id)

This function deletes a given user from a given project.

• is_master (\$id, \$project_id)

This function allows you to know if a given user is the project manager.

is_member (\$id, \$project_id)

This function allows you to know if a given user is a project member.

deleteInvitationOrRequest (\$project_id, \$user_id)

Removes the invitation or query for a given project and user from the project_invitation table.

2.9.1 Detailed Description

Various functions, who have for objectif to give all the necessary for selectedProject you will find fonctions for project user essentially CRUD function.

selectedProject

2.9.2 Function Documentation

2.9.2.1 acceptRequest()

This function adds a user who has send a request to a project to the project.

Parameters

project <i>⇔</i> _id	the project id
user_id	the user id
role	the role of the user in the project id

Returns

1 if succes -1 if an exception occurs

Definition at line 142 of file selectedProject.php.

2.9.2.2 deleteInvitationOrRequest()

Removes the invitation or query for a given project and user from the project_invitation table.

Parameters

project←	the project id
_id	
user_id	the user id

Returns

1 if succes -1 if an exception occurs

Definition at line 261 of file selectedProject.php.

2.9.2.3 deleteMember()

This function deletes a given user from a given project.

Parameters

project⊷ _id	the project id
user_id	the user id

Returns

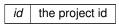
1 if succes -1 if an exception occurs

Definition at line 173 of file selectedProject.php.

2.9.2.4 get_all_project_invitations()

```
\begin{tabular}{ll} {\tt get\_all\_project\_invitations} & ( \\ & {\it $\$id$} & ) \\ \end{tabular}
```

This function returns all the sendend invitation for the given project.



Returns

The PDOStatement contening user and project_invitation of the given project or -1 if an exception occurs

Definition at line 77 of file selectedProject.php.

2.9.2.5 get_all_project_joining_requests()

This function returns all the request for the given project.

Parameters

```
id the project id
```

Returns

The PDOStatement contening user and project_invitation of the given project or -1 if an exception occurs

Definition at line 56 of file selectedProject.php.

2.9.2.6 get_all_project_members()

This function returns all the member of the project.

Parameters

```
id the project id
```

Returns

The PDOStatement contening all the member of the given project or -1 if an exception occurs

Definition at line 35 of file selectedProject.php.

2.9.2.7 get_project_by_id()

```
get_project_by_id (
          $id )
```

This function returns all the informations for the given project.

Parameters

```
id the project id
```

Returns

The PDOStatement contening all information of the given project or -1 if an exception occurs

Definition at line 98 of file selectedProject.php.

2.9.2.8 get_project_master()

```
{\tt get\_project\_master} \ \ (\\ {\tt $\it sid} \ )
```

This function returns the leader of a given project.

Parameters

```
id the project id
```

Returns

The PDOStatement contening the project master or -1 if an exception occurs

Definition at line 15 of file selectedProject.php.

2.9.2.9 is_master()

This function allows you to know if a given user is the project manager.

Parameters

project⇔	the project id
_id	
user_id	the user id

Returns

true if is master false if not and -1 if an exception occurs

Definition at line 194 of file selectedProject.php.

2.9.2.10 is_member()

This function allows you to know if a given user is a project member.

Parameters

project⊷ _id	the project id
user_id	the user id

Returns

true if is member false if not and -1 if an exception occurs

Definition at line 227 of file selectedProject.php.

2.10 /autofs/unityaccount/pages_web_perso/msjuan/gr1_eq2_Dev/src/model/sprints.php File Reference

Various functions, who have for objectif to give all the necessary for sprint controller you will find fonctions for project user essentially CRUD function.

Functions

• get_all_sprints (\$projectId)

This function return a list of all sprint with extra information(the number of us and the effort) of a given project.

add_sprint_background (\$startDate, \$endDate)

This function returns the bootstrap code of the background of a sprint according to its start date and end date.

create_new_sprint (\$name, \$start, \$end, \$projectId)

This function returns the bootstrap code of the background of a sprint according to its start date and end date.

delete_sprint_by_id (\$sprintId)

This function removes a sprint from the sprint table according to its identifier.

• get all project members and master (\$id)

This function returns all members of a project including the project leader.

create_new_task (\$name, \$description, \$dod, \$predecessor, \$time, \$sprintld, \$memberld)

This function allows you to create a task in a given sprint. Insert a line in the task table.

• update task (\$id, \$name, \$description, \$dod, \$predecessor, \$time, \$memberId)

This function allows you to modify a given task.

• get_all_task_inside_sprint (\$sprintId)

This function allows you to return the complete list of tasks inside a sprint.

get_all_us_inside_task (\$taskId)

This function return the us linked to a task.

unlink_us_from_task (\$taskId, \$allUSToUnlink)

This function unlink USs to a given Task by deleting from the table inside_sprint_task_us.

link_us_to_task (\$taskId, \$allUSToLink)

This function USs to a specified task.

get_all_us_inside_sprint (\$sprintId)

This function allows you to return the complete list of userstory inside a sprint.

get_all_us_inside_project (\$projectId)

This function allows you to return the complete list of userstory inside a project.

switch_task_state (\$taskId, \$state)

This function allows you to change the status of a task.

remove task (\$taskId)

This function remove a task.

link_us_to_sprint (\$sprintId, \$allUSToLink)

This function allows you to link the us to a sprint.

• unlink us from sprint (\$sprintld, \$allUSToUnlink)

This function allows you to unlink the us to a sprint.

count_nb_task_by_state_in_sprint (\$sprintId)

This method returns an array of three columns with the number of tasks.

2.10.1 Detailed Description

Various functions, who have for objectif to give all the necessary for sprint controller you will find fonctions for project user essentially CRUD function.

sprints

2.10.2 Function Documentation

2.10.2.1 add_sprint_background()

```
add_sprint_background (
    $startDate,
    $endDate )
```

This function returns the bootstrap code of the background of a sprint according to its start date and end date.

startDate	the startDate of the sprint
endDate	the endDate of the sprint

Returns

a string contening the html bootstrap code for the background color

Definition at line 56 of file sprints.php.

2.10.2.2 count_nb_task_by_state_in_sprint()

This method returns an array of three columns with the number of tasks.

Parameters

sprint⊷	the sprint id
ld	

Returns

an array with the task bomb to the number of tage onGoin and the number of task done -1 if an exception occurs

Definition at line 488 of file sprints.php.

2.10.2.3 create_new_sprint()

This function returns the bootstrap code of the background of a sprint according to its start date and end date.

Parameters

startDate	the startDate of the sprint
endDate	the endDate of the sprint

Returns

a string contening the html bootstrap code for the background color

Definition at line 77 of file sprints.php.

2.10.2.4 create_new_task()

This function allows you to create a task in a given sprint. Insert a line in the task table.

Parameters

name	the task name
description	the description of the task
dod	the definitrion of done of the task
predecessor	the predecessor task list of the task
time	the time for finish the task
sprintld	the sprint where to add the task
memberld	the member that is reponsable to do the task

Returns

The id of the insertion on the table or -1 if ans exception occurs

Definition at line 154 of file sprints.php.

2.10.2.5 delete_sprint_by_id()

```
delete_sprint_by_id (
     $sprintId )
```

This function removes a sprint from the sprint table according to its identifier.

Parameters

sprint←	the identifier of the sprint to be deleted
ld	

Returns

return 1 if success or -1 if an exception occurs

Definition at line 105 of file sprints.php.

2.10.2.6 get_all_project_members_and_master()

```
\label{eq:get_all_project_members_and_master} \mbox{ (} \\ \mbox{$\it $$sid$ )}
```

This function returns all members of a project including the project leader.

Parameters

```
id the project id
```

Returns

The PDOStatement contening all the member and master of a project or -1 if an exception occurs

Definition at line 128 of file sprints.php.

2.10.2.7 get_all_sprints()

This function return a list of all sprint with extra information(the number of us and the effort) of a given project.

Parameters

```
id the project id
```

Returns

The PDOStatement contening all the sprints or -1 if an exception occurs

Definition at line 15 of file sprints.php.

2.10.2.8 get_all_task_inside_sprint()

This function allows you to return the complete list of tasks inside a sprint.

sprint←	the sprint id
ld	

Returns

The PDOStatement contening all the task of a sprint or -1 if an exception occurs

Definition at line 223 of file sprints.php.

2.10.2.9 get_all_us_inside_project()

This function allows you to return the complete list of userstory inside a project.

Parameters

project←	the project id
ld	

Returns

The PDOStatement contening all the userstory of a project or -1 if an exception occurs

Definition at line 368 of file sprints.php.

2.10.2.10 get_all_us_inside_sprint()

This function allows you to return the complete list of userstory inside a sprint.

Parameters

sprint←	the sprint id
ld	

Returns

The PDOStatement contening all the userstory of a sprint or -1 if an exception occurs

Definition at line 330 of file sprints.php.

2.10.2.11 get_all_us_inside_task()

This function return the us linked to a task.

Parameters

task⊷	The task id
ld	

Returns

The PDOStatement contening the USs linked to the task

Definition at line 244 of file sprints.php.

2.10.2.12 link_us_to_sprint()

This function allows you to link the us to a sprint.

Parameters

sprintld	the sprint id
allUSToLink	an array contening all the us to link

Returns

return 1 if success or -1 if an exception occurs

Definition at line 435 of file sprints.php.

2.10.2.13 link_us_to_task()

This function USs to a specified task.

Parameters

tas	skld	The task id
all	USToLink	Array composed of USs

Returns

Return -1 if an error occurs or 1 if it pass

Definition at line 293 of file sprints.php.

2.10.2.14 remove_task()

This function remove a task.

Parameters

task⊷	the task id
ld	

Returns

return 1 if success or -1 if an exception occurs

Definition at line 414 of file sprints.php.

2.10.2.15 switch_task_state()

```
switch\_task\_state \ ( \\ $taskId, \\ $state \ )
```

This function allows you to change the status of a task.

task← Id	the task id
state	the new state of a task possible value: 'todo', 'onGoing', 'done'

Returns

return 1 if success or -1 if an exception occurs

Definition at line 390 of file sprints.php.

2.10.2.16 unlink_us_from_sprint()

This function allows you to unlink the us to a sprint.

Parameters

taskld	the task id
allUSToLink	an array contening all the us to unlink

Returns

return 1 if success or -1 if an exception occurs

Definition at line 462 of file sprints.php.

2.10.2.17 unlink_us_from_task()

This function unlink USs to a given Task by deleting from the table inside_sprint_task_us.

Parameters

taskld	the task id
allUSToUnlink	Array composed of USs

Returns

Return -1 if an error occurs or 1 if it pass

Definition at line 266 of file sprints.php.

2.10.2.18 update_task()

This function allows you to modify a given task.

Parameters

name	the new task name
description	the new description of the task
dod	the new definitrion of done of the task
predecessor	the new predecessor task list of the task
time	the new time for finish the task
sprintld	the new sprint where to add the task
memberld	the new member that is reponsable to do the task

Returns

The id of the modified task on the table or -1 if ans exception occurs

Definition at line 193 of file sprints.php.

2.11 /autofs/unityaccount/pages_web_perso/msjuan/gr1_eq2_Dev/src/model/tests.php File Reference

Various functions to make the tests page works Mainly CRUD functions, plus some to deal with the progression bar.

Functions

• get_all_passed_tests (\$projectId)

Get all the tests that are marked as 'passed' in the database.

get_all_deprecated_tests (\$projectId)

Get all the tests that are marked as 'deprecated' in the database.

get_all_failed_tests (\$projectId)

Get all the tests that are marked as 'failed' in the database.

get_all_never_run_tests (\$projectId)

Get all the tests that are marked as 'never run' in the database.

count_proportion (\$projectId)

Compute proportion of each type of test (passed, failed, deprecated, never run)

• compute_proportion (\$projectId)

Compute the tests proportions of each category (passed, failed, deprecated, never run) to make percentages.

add_new_test (\$projectId, \$name, \$description, \$state)

Function to add a new test to the specified projet.

• pass_all_tests (\$projectId)

Function to mark all tests of a given project as passed and refresh their execution date.

edit_test (\$id, \$name, \$description, \$state)

Modify the informations of a test from its id.

• delete_test (\$id, \$state)

Delete a test from its id.

• change_state (\$id, \$state)

Change the state of a test from its id and refresh its execution date. The function can be used only to refresh last execution date (without state change)

check_deprecated (\$projectId)

This function check all passed tests in the database for a given project and mark them as deprecated if they are too old.

2.11.1 Detailed Description

Various functions to make the tests page works Mainly CRUD functions, plus some to deal with the progression bar.

Tests

2.11.2 Function Documentation

2.11.2.1 add_new_test()

Function to add a new test to the specified projet.

Parameters

projectId	The id of the project we want to add the test to
name	The name of the test
description	The text description of the test
state	The enum state of the test (can be passed, failed, deprecated or never_run)

Returns

state Return the state of the added test (this state will be used by the jQuery code to know which part of the page to refresh)

Definition at line 184 of file tests.php.

2.11.2.2 change_state()

```
change_state (
          $id,
          $state )
```

Change the state of a test from its id and refresh its execution date. The function can be used only to refresh last execution date (without state change)

Parameters

id	The id of the test that will change state
state	The new state of the test

Returns

stmt The returned statement of the executed sql request

Definition at line 293 of file tests.php.

2.11.2.3 check_deprecated()

This function check all passed tests in the database for a given project and mark them as deprecated if they are too old.

Parameters

project←	The id of the project we want to check deprecated tests from
ld	

Returns

number Return the number of deprecated tests found. If there was an error during execution, return -1

Definition at line 320 of file tests.php.

2.11.2.4 compute_proportion()

Compute the tests proportions of each category (passed, failed, deprecated, never run) to make percentages.

Parameters

	project⊷	The id of the project we want to compute the tests proportions from
١	ld	

Returns

percentages Return an array containing the four percentages of passed, failed, deprecated and never run tests

Definition at line 141 of file tests.php.

2.11.2.5 count_proportion()

Compute proportion of each type of test (passed, failed, deprecated, never run)

Parameters

project⊷	The id of the project we want to count tests from
ld	

Returns

counts Return an array containing the total number of tests, and the numbers of the passed, failed, deprecated and never run tests

Definition at line 94 of file tests.php.

2.11.2.6 delete_test()

```
delete_test (
          $id,
          $state )
```

Delete a test from its id.

id	The id of the test we want to delete]
state	The state of the test that will be used only in the return instruction]

Returns

state Return the state of the deleted test. This way the jQuery code will know what section of the page that needs to be refreshed

Definition at line 270 of file tests.php.

2.11.2.7 edit_test()

Modify the informations of a test from its id.

Parameters

id	The id of the test we want to modify
name	The new name of the test (can be the same as the old one)
description	The new description of the test (can be the same as the old one)
state	The new state of the test (can be the same as the old one)

Returns

state Return the state of the edited test. This way the jQuery code will know what section of the page that needs to be refreshed

Definition at line 243 of file tests.php.

2.11.2.8 get_all_deprecated_tests()

Get all the tests that are marked as 'deprecated' in the database.

Parameters

project←	The id of the project we want to get the deprecated tests from
ld	

Returns

tests All the deprecated tests found for this project

Definition at line 34 of file tests.php.

2.11.2.9 get_all_failed_tests()

Get all the tests that are marked as 'failed' in the database.

Parameters

project⊷	The id of the project we want to get the failed tests from
ld	

Returns

tests All the failed tests found for this project

Definition at line 54 of file tests.php.

2.11.2.10 get_all_never_run_tests()

Get all the tests that are marked as 'never run' in the database.

Parameters

project←	The id of the project we want to get the never run tests from
ld	

Returns

tests All the never run tests found for this project

Definition at line 74 of file tests.php.

2.11.2.11 get_all_passed_tests()

Get all the tests that are marked as 'passed' in the database.

Parameters

project⊷	The id of the project we want to get the passed tests from
ld	

Returns

tests All the passed tests found for this project

Definition at line 14 of file tests.php.

2.11.2.12 pass_all_tests()

Function to mark all tests of a given project as passed and refresh their execution date.

Parameters

project⊷	The id of the project that will have all its tests marked as passed	
ld		

Returns

stmt The statement value of the executed sql instruction

Definition at line 213 of file tests.php.

2.12 /autofs/unityaccount/pages_web_perso/msjuan/gr1_eq2_Dev/src/model/utility.php File Reference

Various functions, who have for objectif to give all the necessary for all controller you will find fonctions for project user essentially CRUD function.

Functions

• get all user not in project (\$projectId)

This function returns all users who do not belong to a project.

add_invitation_by_user_name (\$requesterUserName, \$projectId)

This function adds an invitation to the database and inserts a line in the project_invitation table.

• check_if_request_already_exist (\$requesterUserName, \$projectId, \$bdd)

This function checks if an invitation already exists this function is called when adding an invitation request.

2.12.1 Detailed Description

Various functions, who have for objectif to give all the necessary for all controller you will find fonctions for project user essentially CRUD function.

profile

2.12.2 Function Documentation

2.12.2.1 add_invitation_by_user_name()

This function adds an invitation to the database and inserts a line in the project_invitation table.

Parameters

requesterUserName	the username of the user that you wnat to invite to the project	
projectId	the project id	

Returns

return 1 if success or -1 if an exception occurs

Definition at line 45 of file utility.php.

2.12.2.2 check_if_request_already_exist()

This function checks if an invitation already exists this function is called when adding an invitation request.

requester <i>⇔</i> UserId	The identifier of the user that you want to invite to the project
projectId	The identifier of the project that you want to invite the user.

Returns

1 if succes -1 if an exception occurs

Definition at line 80 of file utility.php.

2.12.2.3 get_all_user_not_in_project()

```
get_all_user_not_in_project (
             $projectId )
```

This function returns all users who do not belong to a project.

Parameters

project⊷	the project id
ld	

Returns

The PDOStatement contening all users or -1 if an exception occurs

Definition at line 16 of file utility.php.

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