

# Web Resources Documentation (A7)

The architecture of the web application to develop is documented indicating the catalogue of resources and the properties of each resource, including: references to the graphical interfaces, and the format of JSON responses. This page presents a documentation example for a project management system, including the following subsystems: forum, tasks, meetings, files and user profile.

## 1 Overview

An overview of the web application to implement is presented in this section, where the modules are identified and briefly described. The web resources associated with each module are detailed in the individual documentation of each module.

<b>M01: Authentication and Personal Overview</b>	Web resources associated with user authentication and individual profile management, includes the following system features: login/logout, registration, view and edit personal profile information. Also allows a user to join a Project, create a new Project and accept an invitation to enter a Project.
<b>M02: Dashboard</b>	Web resources that allow the user to have an overview of the status of a project. Allows the user to view the most urgent meetings or tasks, as well as the latest discussions and uploaded files
<b>M03: Team Management</b>	Web resources associated with the management of the team, allows the user to see information about the other team members, as well as promote or demote them, if the user is a coordinator.
<b>M04: Project Forum</b>	Web resources associated with the team forum, allow the user to view and interact with the forum posts and replies
<b>M05: Project Tasks</b>	Web resources associated with the project's task list, allow the user to create, edit, view and group the tasks.
<b>M06: Project Meetings</b>	Web resources associated with the project team's meetings, allow the user to view the meetings and their details, as well as manage the invitations to a meeting.
<b>M07: Project Files</b>	Web resources associated with the project's files, allow the user to upload and download files, and see their descriptions

## 2 Permissions

This section defines the permissions used in the modules to establish the conditions of access to resources.

<b>PUB</b>	Public	Group without any projects
<b>TME</b>	Team Member	Group with one or more projects
<b>TCR</b>	Task Creator	User who created a task
<b>TCM</b>	Task Commenter	User who posted a comment on a task
<b>MCR</b>	Meeting Creator	User who scheduled a meeting
<b>PCR</b>	Post Creator	User who created a forum post

<b>PRP</b>	Post Replier	User who posted a reply on a forum post
<b>TCO</b>	Team Coordinator	Group with permission to manage a project

## 3 Modules

### Module M01: Authentication and Personal Overview

=== Endpoints of Module Authentication and Personal Overview ===

These are the endpoints available in the Authentication and Personal Overview module.

- **R101: Profile Page** /pages/profile.php
- **R102: Sign Up** /actions/sign-in.php
- **R103: Sign In** /actions/sign-up.php
- **R104: Join Project** /actions/users/user-project.php
- **R105: Accept Invite to Project** /actions/users/user-project.php
- **R106: New Project** /actions/projects/new-project.php
- **R107: Upload User Photo** /action/users/upload-user-photo.php
- **R108: Edit Personal Info** /action/users/edit-user-info.php
- **R109: Change Password** /action/users/change-password.php

#### R101: Profile Page

<b>URL Example</b>	/pages/profile.php	
<b>Description</b>	Profile Page	
<b>Method</b>	GET	
<b>Parameters</b>	+id-user: integer	<description>
<b>UI</b>	UI8	
<b>SUBMIT</b>	<a href="#">R104</a> <a href="#">R105</a> <a href="#">R106</a> <a href="#">R107</a> <a href="#">R108</a> <a href="#">R109</a>	
<b>Permissions</b>	TME/TCO	

#### R102: Sign In

<b>URL Example</b>	/actions/sign-in.php	
<b>Description</b>	Login in Direkt.	
<b>Method</b>	GET	
<b>Request body</b>	+email: varchar	<description>
	+password: varchar	<description>
<b>Redirects</b>	<a href="#">R201</a>	Success
	<a href="#">R101</a>	Error
<b>Permissions</b>	PUB/TME/TCO	

#### R103: Sign Up

<b>URL Example</b>	/actions/sign-up.php	
<b>Description</b>	Register in Direkt.	
<b>Method</b>	POST	

<b>Request body</b>	+email: varchar	<description>
	+name: varchar	
	+username:varchar	
	+password: varchar	<description>
<b>Redirects</b>	<a href="#">R201</a>	Success
	<a href="#">R102</a>	Error
<b>Permissions</b>	PUB/TME/TCO	

### R104: Join Project

<b>URL</b>	/api/projects/project.php	
<b>Description</b>	Join a new Project with a Project Identifier	
<b>Method</b>	POST	
<b>Parameters</b>	+id: integer	Project ID
<b>Returns</b>	200 OK	Successfully added user to project
	404 Not Found	Project ID not Found
<b>Permissions</b>	TME/TCO	

### R105: Accept Invite to Project

<b>URL</b>	/actions/users/user-project.php	
<b>Description</b>	Accept Invitation to join an existent Project	
<b>Method</b>	POST	
<b>Request body</b>	+id-user: integer	User ID
	+id-project: integer	Project ID
<b>Redirects</b>	<a href="#">R201</a>	<sucess>(User joined project)
<b>Permissions</b>	PUB/TME/TCO	

### R106: New Project

<b>URL</b>	/actions/projects/new-project.php	
<b>Description</b>	Create a new Project	
<b>Method</b>	POST	
<b>Request body</b>	+name: varchar	Project Name
	?description: varchar	Project Description
<b>Redirects</b>	<a href="#">R201</a>	<success>
	<a href="#">R106</a>	<error>
<b>Permissions</b>	TME/TCO	

### R107: Upload User Photo

<b>URL</b>	/action/users/upload-user-photo.php	
<b>Description</b>	Upload User Photo	
<b>Method</b>	POST	
<b>Request body</b>	+id-user: integer	User ID
	+photo-path: varchar	Image Path
<b>Redirects</b>	<a href="#">R101</a>	<success>
	<a href="#">R101</a>	<error>

<b>Permissions</b>	TME/TCO
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### R108: Edit Personal Info

<b>URL</b>	/action/users/edit-user-info.php	
<b>Description</b>	Update user information	
<b>Method</b>	POST	
<b>Request body</b>	+id-user: integer	User ID
	?name: varchar	User name
	?username: varchar	Username
	?email: varchar	User email
	?phone-number: varchar	User mobile phone
	?birth-date: date	User birth date
	?id-country: integer	User country
	?city: varchar	User city
<b>Redirects</b>	<a href="#">R101</a>	<success>
	<a href="#">R101</a>	<error>
<b>Permissions</b>	TME/TCO	

### R109: Change Password

<b>URL</b>	/action/users/change-password.php	
<b>Description</b>	Change user password	
<b>Method</b>	POST	
<b>Request body</b>	+id-user: integer	User ID
	+password: varchar	User new password
<b>Redirects</b>	<a href="#">R101</a>	<success>
	<a href="#">R101</a>	<error>
<b>Permissions</b>	TME/TCO	

## Module M02: Dashboard

- **R201: Show Project Overview (Files, Meeting, Task, Members)**  
/pages/dashboard.php
- **R202: Show latest uploaded Files** /api/projects/last-files.php
- **R203: Show next Meetings** /api/projects/next-meetings.php
- **R204: Show latest added Taks** /api/projects/last-tasks.php
- **R205: Show latest added Forum Posts** /api/projects/last-forum-posts.php
- **R206: Show Team Photos** /api/projects/team-photos.php
- **R207: Change Project Title** /api/projects/change-title.php
- **R208: Change Project Description** /api/projects/change-description.php

### R201: Show Project Overview

<b>URL</b>	pages/dashboard.php	
<b>Description</b>	Show Project Overview	
<b>Method</b>	GET	
<b>Parameters</b>	+id-user:integer	User ID

	+id-project:integer	Project ID
<b>AJAX Calls</b>	<a href="#">R202</a> <a href="#">R203</a> <a href="#">R204</a> <a href="#">R205</a> <a href="#">R206</a>	
<b>UI</b>	<a href="#">UI2</a>	
<b>Permissions</b>	TME/TCO	

### R202: Show latest uploaded Files

<b>URL</b>	/api/projects/last-files.php	
<b>Description</b>	Show three latest uploaded Files	
<b>Method</b>	GET	
<b>Parameters</b>	id-project: integer	Project ID
<b>Response body</b>	<a href="#">JSON202</a>	
<b>Permissions</b>	TME/TCO	

### R203: Show next Meetings

<b>URL</b>	/api/projects/next-meetings.php	
<b>Description</b>	Show next three Meetings	
<b>Method</b>	GET	
<b>Parameters</b>	id-project: integer	Project ID
<b>Response body</b>	<a href="#">JSON203</a>	
<b>Permissions</b>	TME/TCO	

### R204: Show User's Tasks

<b>URL</b>	/api/projects/last-tasks.php	
<b>Description</b>	Show the user's assigned tasks that are closest to their deadline	
<b>Method</b>	GET	
<b>Parameters</b>	+id-project: integer	Project ID
	+id-user: integer	User ID
<b>Response body</b>	<a href="#">JSON204</a>	
<b>Permissions</b>	TME/TCO	

### R205: Show last modified Forum Posts

<b>URL</b>	/api/projects/last-forum-posts.php	
<b>Description</b>	Show last modified forum posts	
<b>Method</b>	GET	
<b>Parameters</b>	+id-project: integer	Project ID
<b>Response body</b>	<a href="#">JSON205</a>	
<b>Permissions</b>	TME/TCO	

### R206: Show team Photos

<b>URL</b>	api/projects/team-photos.php	
<b>Description</b>	Get Team photos path	
<b>Method</b>	GET	
<b>Parameters</b>	+id-project:integer	<description>
<b>Response body</b>	<a href="#">JSON206</a>	

<b>Permissions</b>	TME/TCO
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**R207: Change Project title**

<b>URL</b>	api/projects/change-title.php	
<b>Description</b>	Change Project Title	
<b>Method</b>	POST	
<b>Parameters</b>	+id-project: integer	Project ID
	+name: varchar	Project new Title
<b>Returns</b>	200 OK	Project Title changed
	404 Not Found	Project ID Not Found
<b>Permissions</b>	TME/TCO	

**R208: Change Project description**

<b>URL</b>	api/change-description.php	
<b>Description</b>	Change Project Description	
<b>Method</b>	POST	
<b>Parameters</b>	id-project: integer	Project ID
	description: varchar	Project Description
<b>Returns</b>	200 OK	Changed Project Description
	404 Not Found	Project ID Not Found
<b>Permissions</b>	TME/TCO	

**Module M03: Team Management**

- **R301: Show Team** /pages/team-page.php
- **R302: Show Team Member and Team Coordinator Info** /api/team/show-member-info.php
- **R303: Promote Team Member to Team Coordinator** /actions/team/promote-member.php
- **R304: Demote Team Coordinator to Team Member** /actions/team/demote-member.php
- **R305: Delete Team Member** /actions/team/delete-member.php

**R301: Show Team**

<b>URL Example</b>	/pages/team-page.php	
<b>Description</b>	Show all members of a Project's team and their infos	
<b>Method</b>	GET	
<b>Parameters</b>	+id-project: integer	Project ID
<b>AJAX Calls</b>	<a href="#">R302</a>	
<b>UI</b>	UI06	
<b>SUBMIT</b>	<a href="#">R303</a> <a href="#">R304</a> <a href="#">R305</a>	
<b>Permissions</b>	TME/TCO	

**R302: Show Team Member and Team Coordinator Info**

<b>URL Example</b>	/api/team/show-member-info.php	
<b>Description</b>	Show specific informations about the member clicked	
<b>Method</b>	GET	
<b>Parameters</b>	+id-project: integer	Project ID
<b>Response Body</b>	<a href="#">JSON301</a>	
<b>Permissions</b>	TME/TCO	

**R303: Promote Team Member to Team Coordinator**

<b>URL Example</b>	/actions/team/promote-member.php	
<b>Description</b>	Promotes a regular team member to coordinator, giving him more permissions	
<b>Method</b>	POST	
<b>Request Body</b>	+id-project: integer	Project ID
	+id-user: integer	User ID
<b>Redirects</b>	<a href="#">R301</a>	Success/Error
<b>Permissions</b>	TME/TCO	

**R304: Demote Team Coordinator to Team Member**

<b>URL Example</b>	/actions/team/demote-member.php	
<b>Description</b>	Makes a coordinator lose his privileges	
<b>Method</b>	POST	
<b>Request Body</b>	+id-project: integer	Project ID
	+id-user: integer	User ID
<b>Redirects</b>	<a href="#">R301</a>	Success/Error
<b>Permissions</b>	TCO	

**R305: Delete Team Member**

<b>URL Example</b>	/actions/team/delete-member.php	
<b>Description</b>	Removes a member from the team	
<b>Method</b>	POST	
<b>Request Body</b>	+id-project: integer	Project ID
	+id-user: integer	User ID
<b>Redirects</b>	<a href="#">R301</a>	Success/Error
<b>Permissions</b>	TCO	

**Module M04: Project Forum**

- **R401: List Forum Posts** /pages/forum.php
- **R402: Write a new Post** /actions/forum/new-post.php
- **R403: Reply to Post** /api/forum/new-post-reply.php
- **R404: Show Post** /api/forum/show-post.php
- **R405: Show Post Replies** /api/forum/show-post-replies.php
- **R406: Forum Pagination** /api/forum/change-forum-page.php
- **R407: Edit Post** /api/forum/edit-post.php
- **R408: Delete Post** /actions/forum/delete-post.php

- **R409: Edit Reply** /api/forum/edit-reply.php
- **R410: Delete Reply** /actions/forum/delete-reply.php

### R401: List Forum Posts

<b>URL Example</b>	/pages/forum.php	
<b>Description</b>	Forum Page	
<b>Method</b>	GET	
<b>Parameters</b>	+id-user: integer	User ID
<b>AJAX Calls</b>	<a href="#">R403</a> <a href="#">R404</a> <a href="#">R405</a> <a href="#">R406</a> <a href="#">R407</a> <a href="#">R408</a> <a href="#">R409</a> <a href="#">R410</a>	
<b>UI</b>	<a href="#">UI4</a>	
<b>SUBMIT</b>	<a href="#">R402</a>	
<b>Permissions</b>	TME/TCO	

### R402: Write a new Post

<b>URL Example</b>	/actions/forum/new-post.php	
<b>Description</b>	Create a new Forum Post	
<b>Method</b>	POST	
<b>Request Body</b>	+id-user: integer	User ID
	+title: varchar	Post Title
	+content: varchar	Content of the post
<b>Redirects</b>	<a href="#">R401</a>	Success/Error
<b>Permissions</b>	TME/TCO	

### R403: Reply to Post

<b>URL Example</b>	/api/forum/new-post-reply.php	
<b>Description</b>	Add a reply to a Forum Post	
<b>Method</b>	POST	
<b>Parameter</b>	+id-user: integer	User ID
	+content: String	Text of the reply
<b>Returns</b>	200 OK	Successfully added the reply to the Forum Post
	400 Bad Request	No content on the Reply
	404 Not Found	Forum Post not found
<b>Permissions</b>	TME/TCO	

### R404: Show Post

<b>URL Example</b>	/api/forum/show-post.php	
<b>Description</b>	Show post details	
<b>Method</b>	GET	
<b>Parameters</b>	+id_forum_post	Forum Post ID
<b>Response Body</b>	<a href="#">JSON401</a>	
<b>Permissions</b>	TME/TCO	



**R405: Show Post Replies**

<b>URL Example</b>	/api/forum/show-post-replies.php	
<b>Description</b>	Show post reply content	
<b>Method</b>	GET	
<b>Parameters</b>	+id_forum_post_id	Post Reply ID
<b>Response Body</b>	<a href="#">JSON402</a>	
<b>Permissions</b>	TME/TCO	

**R406: Forum Pagination**

<b>URL Example</b>	/api/forum/change-forum-page.php	
<b>Description</b>	Show more Forum Posts	
<b>Method</b>	GET	
<b>Parameters</b>	+num_page	Forum Page number
<b>Response Body</b>	<a href="#">JSON403</a>	
<b>Permissions</b>	TME/TCO	

**R407: Edit Post**

<b>URL Example</b>	/api/forum/edit-post.php	
<b>Description</b>	Edit a Forum Post	
<b>Method</b>	POST	
<b>Parameter</b>	+id-post: integer	Forum Post ID
	+content: String	Edited content
	+id-user: integer	ID of the user editing
<b>Returns</b>	200 OK	Successfully added the reply to the Forum Post
	400 Bad Request	No content on the Reply
	404 Not Found	Forum Post not found
<b>Permissions</b>	PCR	

**R408: Delete Post**

<b>URL Example</b>	/actions/forum/delete-post.php	
<b>Description</b>	Delete a Forum Post	
<b>Method</b>	POST	
<b>Request Body</b>	+id-user: integer	User ID
	+id-post: String	Post Title
	+id-user: integer	ID of the user editing
<b>Redirects</b>	<a href="#">R401</a>	Success/Error
<b>Permissions</b>	PCR/TCO	

**R409: Edit Reply**

<b>URL Example</b>	/api/forum/edit-reply.php	
<b>Description</b>	Edit a Reply to a Forum Post	
<b>Method</b>	POST	
<b>Parameter</b>	+id-reply: integer	Reply ID

	+content: String	Edited content
	+id-user: integer	ID of the user editing
<b>Returns</b>	200 OK	Successfully added the reply to the Forum Post
	400 Bad Request	No content on the Reply
	404 Not Found	Forum Post not found
<b>Permissions</b>	PRP	

### R410: Delete Reply

<b>URL Example</b>	/actions/forum/delete-reply.php	
<b>Description</b>	Delete a Forum Post	
<b>Method</b>	POST	
<b>Request Body</b>	+id-reply: String	Post Title
	+id-user: integer	ID of the user editing
<b>Redirects</b>	<a href="#">R401</a>	Success/Error
<b>Permissions</b>	PRP/TCO	

## Module M05: Project Tasks

- **R501: Show Project Tasks** /pages/tasks.php
- **R502: Show Task Comments and Details** api/tasks/task-details.php
- **R503: Create Task** api/tasks/create-task.php
- **R504: Comment on a Task** api/tasks/add-comment.php
- **R505: Select Task Group by Tag** api/tasks/tasks-by-tag.php
- **R506: Assign User to Task** api/tasks/assign-user.php
- **R507: Delete Task** actions/tasks/delete-task.php
- **R508: Mark as Completed** api/tasks/mark-completed.php
- **R509: Mark as Uncompleted** api/tasks/mark-uncomplete.php
- **R510: Edit Task** api/tasks/edit-task.php
- **R511: Edit Task Comment** api/tasks/edit-task-comments.php
- **R512: Delete Task Comment** actions/tasks/delete-task-comment.php

### R501: Show Project Tasks

<b>URL</b>	pages/tasks.php	
<b>Description</b>	Project tasks page	
<b>Method</b>	GET	
<b>Parameters</b>	+id-project: integer	Project ID
<b>AJAX Calls</b>	<a href="#">R502</a> <a href="#">R503</a> <a href="#">R504</a> <a href="#">R505</a> <a href="#">R506</a> <a href="#">R507</a> <a href="#">R508</a> <a href="#">R509</a> <a href="#">R510</a> <a href="#">R511</a> <a href="#">R512</a>	
<b>UI</b>	<a href="#">UI3</a>	
<b>Permissions</b>	TME/TCO	

### R502: Show Details

<b>URL</b>	api/tasks/task-details.php	
<b>Description</b>	Get tasks details	
<b>Method</b>	GET	
<b>Parameters</b>	+id-project: integer	Project ID

	+id-task: integer	Task ID
<b>Response body</b>	<a href="#">JSON501</a>	
<b>Permissions</b>	TME/TCO	

### R503: Show Task Comments

<b>URL</b>	api/tasks/task-comments.php	
<b>Description</b>	Get tasks comments	
<b>Method</b>	GET	
<b>Parameters</b>	+id-project: integer	Project ID
	+id-task: integer	Task ID
	+id-user: integer	User ID
<b>Response body</b>	<a href="#">JSON502</a>	
<b>Permissions</b>	TME/TCO	

### R504: Create Task

<b>URL</b>	api/tasks/create-task.php	
<b>Description</b>	Creates a new task	
<b>Method</b>	PUT	
<b>Parameters</b>	+name: varchar	Task Name
	+create-id: integer	User that created the task
	+project-id: integer	Project ID
<b>Returns</b>	200 OK	Created with success
<b>Permissions</b>	TME/TCO	

### R505: Comment on a Task

<b>URL</b>	api/tasks/add-comment.php	
<b>Description</b>	Add comment on a task	
<b>Method</b>	PUT	
<b>Parameters</b>	+creation-date: timestamp	Comment creation date
	+content: varchar	Comment content
	+id-user: integer	User Id
<b>Returns</b>	200 OK	Success
<b>Permissions</b>	TME/TCO	

### R506: Select Task Group by Tag

<b>URL</b>	api/tasks/tasks-by-tag.php	
<b>Description</b>	Select task group by tag	
<b>Method</b>	GET	
<b>Parameters</b>	+tag-id: integer	Tag ID
	+project-id: integer	Project ID
<b>Returns</b>	200 OK	Success
<b>Permissions</b>	TME/TCO	

**R507: Assign User to Task**

<b>URL</b>	api/tasks/assign-user.php	
<b>Description</b>	Assign a user to a task	
<b>Method</b>	POST	
<b>Parameters</b>	+id-project: integer	Project ID
	+id-task: integer	Task ID
	+id-user: integer	User ID
<b>Response body</b>	200 OK	Success
	404 Not Found	User or Project or Task not found
<b>Permissions</b>	TCR/TCO	

**R508: Delete Task**

<b>URL Example</b>	/actions/tasks/delete-task.php	
<b>Description</b>	Delete a Task	
<b>Method</b>	POST	
<b>Request Body</b>	+id-task: integer	Task ID
	+id-user: integer	ID of the user editing
<b>Redirects</b>	<a href="#">R501</a>	Success/Error
<b>Permissions</b>	TCR/TCO	

**R509: Mark as Completed**

<b>URL</b>	api/tasks/mark-completed.php	
<b>Description</b>	Mark a task as completed	
<b>Method</b>	POST	
<b>Parameters</b>	+id-project: integer	Project ID
	+id-task: integer	Task ID
<b>Response body</b>	200 OK	Success
	404 Not Found	User or Task not found
<b>Permissions</b>	TME	

**R510: Mark as Uncompleted**

<b>URL</b>	api/tasks/mark-uncompleted.php	
<b>Description</b>	Mark a task as uncompleted	
<b>Method</b>	POST	
<b>Parameters</b>	+id-project: integer	Project ID
	+id-task: integer	Task ID
<b>Response body</b>	200 OK	Success
	404 Not Found	Project or Task not found
<b>Permissions</b>	TME	

**R511: Edit Task**

<b>URL</b>	api/tasks/edit-task.php
<b>Description</b>	Assign a user to a task

<b>Method</b>	GET	
<b>Parameters</b>	+id-project: integer	Project ID
	+id-task: integer	Task ID
	+id-user: integer	User ID
	?deadline: time	New task deadline
	?name: time	New task name
	?description: time	New task description
<b>Response body</b>	200 OK	Success
	404 Not Found	User or Project or Task not found
<b>Permissions</b>	TCR	

### R512: Edit Task Comment

<b>URL Example</b>	/api/tasks/edit-task-comment.php	
<b>Description</b>	Edit a Comment to a Task	
<b>Method</b>	POST	
<b>Parameter</b>	+id-task: integer	Task ID
	+id-comment: String	Comment ID
	+contetn: integer	Edited content
<b>Returns</b>	200 OK	Successfully added the reply to the Forum Post
	400 Bad Request	No content on the Reply
	404 Not Found	Forum Post not found
<b>Permissions</b>	TCM	

### R513: Delete Task Comment

<b>URL Example</b>	/actions/tasks/delete-comment.php	
<b>Description</b>	Delete a Comment to a task	
<b>Method</b>	POST	
<b>Request Body</b>	+id-task: integer	Task ID
	+id-comment: integer	Comment ID
	+id-user: integer	ID of the user editing
<b>Redirects</b>	<a href="#">R501</a>	Success/Error
<b>Permissions</b>	TCM/TCO	

## Module M06: Project Meetings

- **R601: Show Project Meetings** /pages/meetings.php
- **R602: See Meeting Details** /api/files/meeting-details.php
- **R603: Accept Meeting Invitation** /api/files/accept-meeting-invitation.php
- **R604: Invite User to Meeting** /api/files/invite-user-meeting.php
- **R605: Schedule Meeting** /actions/meetings/schedule-meeting.php
- **R606: Delete Meeting** /actions/meetings/delete-meeting.php

### R601: Show Project Meetings

<b>URL</b>	/pages/meetings.php
<b>Description</b>	Meetings Page

<b>Method</b>	GET
<b>Parameters</b>	+id-project: integer   Project ID
<b>AJAX Calls</b>	<a href="#">R602</a> <a href="#">R603</a> <a href="#">R604</a>
<b>UI</b>	<a href="#">UI7</a>
<b>SUBMIT</b>	<a href="#">R603</a> <a href="#">R604</a> <a href="#">R605</a> <a href="#">R606</a>
<b>Permissions</b>	TME/TCO

### R602: See Meeting Details

<b>URL</b>	/api/files/meeting-details.php
<b>Description</b>	Show Meeting details
<b>Method</b>	GET
<b>Parameters</b>	+id-meeting: integer   Meeting ID
<b>Response body</b>	<a href="#">JSON602</a>
<b>Permissions</b>	TME/TCO

### R603: Accept Meeting Invitation

<b>URL</b>	/api/files/accept-meeting-invitation.php
<b>Description</b>	Accept an invitation for a meeting
<b>Method</b>	POST
<b>Parameters</b>	+id-project: integer   Project ID
	+id-meeting: integer   Meeting ID
	+id-user: integer   User ID
<b>Returns</b>	200 OK   Request successful
	404 Not Found   Project, or meeting, or user not found
<b>Permissions</b>	TME/TCO

### R604: Invite User to Meeting

<b>URL</b>	/api/files/invite-user-meeting.php
<b>Description</b>	Invite a user to attend a meeting
<b>Method</b>	POST
<b>Parameters</b>	+id-project: integer   Project ID
	+id-meeting: integer   Meeting ID
	+id-user: integer   User ID
<b>Returns</b>	200 OK   Request successful
	404 Not Found   Project, or meeting, or user not found
<b>Permissions</b>	MCR/TCO

### R605: Schedule Meeting

<b>URL</b>	/actions/meetings/schedule-meeting.php
<b>Description</b>	Schedule a new Meeting
<b>Method</b>	POST
<b>Request Body</b>	+id-project: integer   Project ID
	+id-user: integer   User ID
	+meeting-name: string   Meeting Name

	+description: string	Meeting Description
	+date: date	Meeting Date
	+duration: time	Meeting Duration
<b>Redirect</b>	<a href="#">R601</a>	
<b>Permissions</b>	TME/TCO	

## R606: Delete Meeting

<b>URL</b>	/actions/meetings/delete-meeting.php	
<b>Description</b>	Delete a Meeting	
<b>Method</b>	POST	
<b>Request Body</b>	+id-project: integer	Project ID
	+id-user: integer	User ID
	+id-meeting: integer	Meeting ID
<b>Redirect</b>	<a href="#">R601</a>	
<b>Permissions</b>	MCR/TCO	

## Module M07: Project Files

- **R701: Show Project Files** /pages/files.php
- **R702: See File Details** /api/files/file-details.php
- **R703: Upload File** /actions/files/upload-file.php
- **R704: Download File** /api/files/download-file.php

### R701: Show Project Files

<b>URL</b>	/pages/files.php	
<b>Description</b>	Files Page	
<b>Method</b>	GET	
<b>Parameters</b>	+id-project: integer	Project ID
<b>AJAX Calls</b>	<a href="#">R702</a> <a href="#">R704</a>	
<b>UI</b>	<a href="#">UI5</a>	
<b>SUBMIT</b>	<a href="#">R703</a>	
<b>Permissions</b>	TME/TCO	

### R702: See File Details

<b>URL</b>	/api/files/file-details.php	
<b>Description</b>	Show File details	
<b>Method</b>	GET	
<b>Parameters</b>	+id-file: integer	File ID
<b>Response body</b>	<a href="#">JSON702</a>	
<b>Permissions</b>	TME/TCO	

### R703: Upload File

<b>URL</b>	/actions/files/upload-file.php	
<b>Description</b>	Upload a new File	

<b>Method</b>	POST	
<b>Request body</b>	+id-project: integer	Project ID
	?id-tag: integer	Tag ID
	+path: varchar	File path
	+name: varchar	File name
	+id-user: integer	User ID
	+id-project: integer	Project ID
<b>Redirects</b>	<a href="#">R701</a>	<success>(If it is possible to find project id, user id and tag id , add file to project)
	<a href="#">R701</a>	<error>(If it was not found project id, user id and tag id)
<b>Permissions</b>	TME/TCO	

## R704: Download File

<b>URL</b>	/api/files/download-file.php	
<b>Description</b>	Download an existent File	
<b>Method</b>	GET	
<b>Parameters</b>	+id-file: integer	File ID
<b>Returns</b>	200 OK	File Id found
	404 Not Found	File Id not found
<b>Permissions</b>	TME/TCO	

## 4 JSON Types

### JSON202: Show latest uploaded Files {file}[]

```
{
  "file":[
    {
      "name": "summer_internship",
      "user-photo": "/assets/users/user3.jpg",
      "username" : "rrdias"
    },
    {
      "name": "clients",
      "user-photo": "/assets/users/user4.jpg",
      "username" : "tgfi"
    },
    {
      "name": "timetable",
      "user-photo": "/assets/users/user3.jpg",
      "username" : "rrdias"
    }
  ]
}
```



## JSON203: Show next Meetings {meeting}[]

```
{
  "meeting": [
    {
      "name" : "General Meeting",
      "date" : "2017-07-09"
    },
    {
      "name" : "Meeting about Summer",
      "date" : "2017-07-10"
    },
    {
      "name" : "Interns",
      "date" : "2017-07-12"
    }
  ]
}
```

## JSON204: Show User tasks closest to deadline {task}[]

```
{
  "task": [
    {
      "name" : "Merge changes"
    },
    {
      "name" : "Upload Photo"
    },
    {
      "name" : "Change timetable"
    }
  ]
}
```

## JSON205: Show latest modified Forum Posts {posts}[]

```
{
  "post": [
    {
      "title" : "Great Js resource",
      "user-photo" : "/assets/users/user5.jpg",
      "username" : "rrdias",
      "date-created": "2017-07-22 09:30:12+01"
    },
    {
      "title" : "Some changes needed",
      "user-photo" : "/assets/users/user6.jpg",

```

```
    "username" : "asilva",
    "date-created" : "2017-03-07 15:02:00+01"
  },
  {
    "title" : "Merge changes",
    "user-photo" : "/assets/users/user6.jpg",
    "username" : "asilva",
    "date-created" : "2017-02-27 11:23:00+01"
  }
]
```

## JSON206: Show Team Photos {photos}[]

```
{
  "user": [
    {
      "photo_path" : "/path/photo1"
    },
    {
      "photo_path" : "/path/photo2"
    }
  ]
}
```

## JSON301: Show Team {user}

```
{
  "user": {
    "id": "12346",
    "name": "John Doe",
    "username" : "johndoe96",
    "email" : "johndoe96@gmail.com",
    "photo_path" : "/path/photo1",
    "country-name" : "Portugal",
    "city-name" : "Porto",
    "birth-date" : "1996-01-01"
  }
}
```

## JSON401: Show Post: {post}

```
{
  "post": {
    "id": "12346",
```

```
    "title": "General Post",
    "creation_date": "2014-04-04",
    "content" : "Post text",
    "date_modified" : "2014-04-05",
    "creator_name" : "John Doe",
    "photo_path" : "/path/photo"
  }
}
```

## JSON402: Show Post Replies: {reply}[]

```
{
  "replies": [
    {
      "id": "12346",
      "content": "reply1",
      "creation_date" : "2014-04-05",
      "creator_name" : "John Doe",
      "photo_path" : "/path/photo1"
    },
    {
      "id": "12347",
      "content": "reply2",
      "creation_date" : "2014-04-05",
      "creator_name" : "Rita Doe",
      "photo_path" : "/path/photo2"
    },
  ]
}
```

## JSON403: Forum Pagination: {post}[]

```
{
  "posts": [
    {
      "id": "12346",
      "title": "Forum Post 1",
      "creation_date" : "2014-04-05",
      "creator_name" : "John Doe",
      "photo_path" : "/path/photo1"
    },
    {
      "id": "12347",
      "title": "Forum Post 2",
      "creation_date" : "2014-04-06",
      "creator_name" : "Rita Doe",
      "photo_path" : "/path/photo2"
    },
  ],
}
```

```
]
}
```

## JSON501: Show task details: {file}

```
{
  "task": {
    "id": "12346",
    "name": "Do stuff",
    "description" : "Another one",
    "deadline" : "2017-07-27 00:00:00+01",
    "creator_id" : "123456",
    "completer_id" : "123456",
    "project_id" : "123456"
  }
}
```

## JSON502: Show task comments: {file}

```
{
  "comment": [
    {
      "id": "12346",
      "creation_date" : "2017-07-27 00:00:00+01",
      "content": "Nice task.",
      "id_user" : "123456",
      "id_task" : "123456"
    },
    {
      "id": "12347",
      "creation_date" : "2017-07-28 00:00:00+01",
      "content": "Nice work.",
      "id_user" : "123452",
      "id_task" : "123456"
    }
  ]
}
```

## JSON602: Show meeting details: {meeting}

```
{
  "meeting": {
    "id" : "1223",
    "name" : "Second General Meeting",
    "date" : "2017-07-27 00:00:00+01",
    "duration" : "01:30:00",
  }
}
```

```
"description" : "Everyone must attend",  
"creator_name" : "José Miranda"  
}  
}
```

## JSON702: Show File details: {file}

```
{  
  "file":  
  {  
    "id": "12346",  
    "upload_date": "2017-07-27 00:00:00+01",  
    "uploader_name": "Maria Reis",  
    "uploader_photo": "/images/users/user2.jpg",  
    "name": "Summer_Internship",  
    "tag-name": "summer"  
  }  
}
```

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