**A7 – Web resources documentation**

1. **Overview**

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| --- | --- |
| M01: Authentication and individual profile | Web resources associated with authentication and individual profile management. The following system features are included: login, logout, registration, see personal calendar (includes meetings and personal events), view personal information (picture, full name, username, e-mail and statistics) and edit some of it (password, full name, picture and email, as well as it’s privacy). |
| M02: Projects | Web resources associated with projects. The following system features are included: create project, select project, see project information (picture, name, description, creator, statistics), see project team, search for workers of the project team, add worker to project team, see project calendar, see and participate in project forum, see list of projects the user created and is working on and search for projects of both these lists, as well as for any public project. |
| M03: Boards | Web resources associated with boards. The following system features are included: create board, select board, see list of boards of the selected project and search for boards of the selected project. |
| M04: Tasks | Web resources associated with tasks. The following system features are included: create task, see list of tasks of the selected board, select task to see last updates, see information about task (creator, description, team, deadline, and progress), update task (comment, update progress, upload file and close task) and search for tasks of the selected board. |
| M05: User administration | Web resources associated with user administration. The following system features are included: see full user list, search for user, see information about selected user (picture, full name, user level, data of registration, number of projects), send message to user, change user permissions and delete user. |
| M06: Project administration | Web resources associated with project administration. The following system features are included: see full project list, search for project, see information about selected project, archive and delete project. |
| M07: Static pages | Web resources with static content: homepage. |

1. **Permissions**

|  |  |  |
| --- | --- | --- |
| VIS | Visitor | Unauthenticated user, doesn’t have privileges |
| USR | User | Authenticated user |
| COR | Project coordinator | Creators of projects. Have privileges regarding permissions of that projects |
| WOR | Project worker | Workers of projects (users that belong to the project team, except the project coordinator) |
| ADM | Administrator | Group of administrators. Have privileges regarding user and project management. |

1. **Modules**

**Module M01: Authentication and individual profile**

* R101: Login form /login
* R102: Login action /login
* R103: Logout action /logout
* R104: Register form /register
* R105: Register action /register
* R106: View personal information /personalInfo/{id}
* R107: View personal calendar /personalCalendar/{id}
* R108: Change password form /settings
* R109: Change password action /settings
* R110: Change full name form /settings
* R111: Change full name action /settings
* R112: Change privacy action /settings
* R113: Change image action /settings
* R114: View full contact list /contactList/{id}
* R115: Select option to add user to contact list action/projectTeam/{id} or /boardTeam/{id}
* R116: Confirm add user to contact list action /projectTeam/{id} or /boardTeam/{id}
* R117: Cancel add user to contact list action /projectTeam/{id} or /boardTeam/{id}

R101: Login form

|  |  |
| --- | --- |
| URL | /login |
| Description | Pop-up with a form to login to a user account |
| Method | GET |
| UI | UI02 |
| SUBMIT | R106 |
| Permissions | VIS |

R102: Login action

|  |  |  |
| --- | --- | --- |
| URL | /login | |
| Description | This web resource logs the user into the system. Redirects to the user’s projects page on success and the login form on failure. | |
| Method | POST | |
| Request Body | email: string | E-mail |
|  | password: string | Password |
| Redirects | R106 | Success |
|  | R102 | Error |
| Permissions | VIS | |

R103: Logout action

|  |  |
| --- | --- |
| URL | /logout |
| Description | This web resource logs the user out of the system, redirecting the user to the home page. |
| Method | POST |
| Redirects | R101 |
| Permissions | USR |

R104: Register form

|  |  |
| --- | --- |
| URL | /register |
| Description | Pop-up with a form to create a new account. |
| Method | GET |
| UI | UI03 |
| SUBMIT | R106 |
| Permissions | VIS |

R105: Register action

|  |  |  |
| --- | --- | --- |
| URL | /register | |
| Description | This web resource creates a new account, inserting the user into the system. Redirects to the login form on success and the register form on failure. | |
| Method | POST | |
| Request Body | email: string | E-mail |
|  | password: string | Password |
|  | username: string | Username |
| Redirects | R101 | Success |
|  | R105 | Failure |
| Permissions | VIS | |

R106: View personal information

|  |  |  |
| --- | --- | --- |
| URL | /personalInfo/{id} | |
| Description | Shows the user his personal information page. | |
| Method | GET | |
| Parameters | id: integer | User primary key |
| UI | UI07 | |
| Permissions | USR | |

R107: View personal calendar

|  |  |  |
| --- | --- | --- |
| URL | /personalCalendar/{id} | |
| Description | Shows the user his personal calendar page. | |
| Method | GET | |
| Parameters | id: integer | User primary key |
| UI | UI08 | |
| Permissions | USR | |

R108: Change password form

|  |  |  |
| --- | --- | --- |
| URL | /settings | |
| Description | Page with a form to change account data. | |
| Method | GET | |
| Parameters | password: string | New password |
|  | confirmPassword: string | New password confirmation |
| UI | UI21 | |
| Permissions | USR | |

R109: Change password action

|  |  |  |
| --- | --- | --- |
| URL | /settings | |
| Description | This web resource changes the user’s profile picture. Redirects to the user settings page on success and failure. | |
| Method | POST | |
| Request Body | id: integer | User primary key |
|  | Password: string | New password |
| Redirects | R109 | |
| Permissions | USR | |

R110: Change full name form

|  |  |  |
| --- | --- | --- |
| URL | /settings | |
| Description | Page with a form to change account data. | |
| Method | GET | |
| Parameters | fullName: string | New full name |
| UI | UI21 | |
| Permissions | USR | |

R111: Change full name action

|  |  |  |
| --- | --- | --- |
| URL | /settings | |
| Description | This web resource changes the user’s full name. Redirects to the user settings page on and failure. | |
| Method | POST | |
| Request Body | id: integer | User primary key |
|  | fullName: string | New full name |
| Redirects | R111 | |
| Permissions | USR | |

R112: Change e-mail privacy action

|  |  |  |
| --- | --- | --- |
| URL | /settings | |
| Description | Page with a form to change account data. | |
| Method | POST | |
| Parameters | privacy: bool | E-mail privacy |
| UI | UI21 | |
| Permissions | USR | |

R113: Change image action

|  |  |  |
| --- | --- | --- |
| URL | /settings | |
| Description | This web resource changes the user’s profile picture. Redirects to the user settings page on and failure. | |
| Method | POST | |
| Request Body | image: string | Image path |
| Redirects | R113 | |
| Permissions | USR | |

R114: View full contact list

|  |  |  |
| --- | --- | --- |
| URL | /contactList/{id} | |
| Description | Shows the user his list of contacts. | |
| Method | GET | |
| Parameters | id: integer | User primary key |
| UI | \* Doesn’t exist yet | |
| Permissions | USR | |

R115: Select option to add user to contact list action

|  |  |  |
| --- | --- | --- |
| URL | /projectTeam/{id} or /boardTeam/{id} | |
| Description | Web resource that creates pop up for the administrator to confirm or cancel the action of adding the user to the contact list. | |
| Method | POST | |
| Request Body | id: integer | User (to add) primary key |
| Redirects | \* Doesn’t exist yet | Success |
|  | \* Doesn’t exist yet | Error |
| Permissions | USR | |

R116: Confirm add user to contact list action

|  |  |  |
| --- | --- | --- |
| URL | /projectTeam/{id} or /boardTeam/{id} | |
| Description | Web resource that adds the user to the contact list. Redirects to the user contact list page. | |
| Method | POST | |
| Request Body | id: integer | Id of the selected user |
|  | username: string | User’s (to add) username |
|  | fullName: string | User’s (to add) full name |
|  | email: string | User’s (to add) email |
| Redirects | \* Doesn’t exist yet |  |
| Permissions | USR | |

R117: Cancel add user to contact list action

|  |  |  |
| --- | --- | --- |
| URL | /projectTeam/{id} or /boardTeam/{id} | |
| Description | Web resource that cancels the process of adding the user to the contact list. Redirects to the user contact list page. | |
| Method | POST | |
| Request Body | id: integer | Id of the selected user |
| Redirects | UI20 |  |
| Permissions | ADM | |

**Module M02: Projects**

**Module M03: Boards**

**Module M04: Tasks**

**Module M05: User administration**

* R201: View full user list /administration/users
* R202: Search for user /administration/users
* R203: Select user /administration/users
* R204: Select option to send message to user action /administration/users
* R205: Send message to user form /administration/users
* R206: Send message to user action /administration/users
* R207: Select option to change user permissions /administration/users
* R208: Change user permissions form /administration/users
* R209: Change user permissions action /administration/users
* R210: Select option to delete user /administration/users
* R211: Confirm delete user action /administration/users
* R212: Cancel delete user action /administration/users

R201: View full user list

|  |  |
| --- | --- |
| URL | /administration/users |
| Description | Shows the administrator a list of all the users registered in the system. |
| Method | GET |
| Parameters | None |
| UI | UI20 |
| Permissions | ADM |

R202: Search for user

|  |  |  |
| --- | --- | --- |
| URL | /administration/users | |
| Description | Search box that allows searching for users. | |
| Method | GET | |
| Parameters | username: string | Username to search for |
| UI | UI20 | |
| Permissions | ADM | |

R203: Select user action

|  |  |  |
| --- | --- | --- |
| URL | /administration/users | |
| Description | Web resource that creates a drop down containing the user information and buttons that allow to send message, change permissions or delete user. | |
| Method | POST | |
| Request Body | id: integer | Id of the selected user |
| Redirects | R203 |  |
| Permissions | ADM | |

R204: Select option to send message to user action

|  |  |  |
| --- | --- | --- |
| URL | /administration/users | |
| Description | Web resource that creates pop up for the administrator to write the message and send it. Redirects to the send message to user form. | |
| Method | POST | |
| Request Body | id: integer | Id of the selected user |
| Redirects | R205 |  |
| Permissions | ADM | |

R205: Send message to user form

|  |  |  |
| --- | --- | --- |
| URL | /administration/users | |
| Description | Pop up with a form where the administrator can write the message and send it to the user. | |
| Method | GET | |
| Parameters | id: integer | Id of the selected user |
| UI | \* Doesn’t exist yet | |
| Permissions | ADM | |

R206: Send message to user action

|  |  |  |
| --- | --- | --- |
| URL | /administration/users | |
| Description | Web resource that sends the wrote message by the administrator to the user. Redirects to the user list page. | |
| Method | POST | |
| Request Body | id: integer | Id of the selected user |
|  | message: text | Message to be sent to the user |
| Redirects | UI20 |  |
| Permissions | ADM | |

R207: Select option to change user permissions action

|  |  |  |
| --- | --- | --- |
| URL | /administration/users | |
| Description | Web resource that creates pop up for the administrator to select the user’s permissions. Redirects to the change user permissions form. | |
| Method | POST | |
| Request Body | id: integer | Id of the selected user |
| Redirects | R204 |  |
| Permissions | ADM | |

R208: Change user permissions form

|  |  |  |
| --- | --- | --- |
| URL | /administration/users | |
| Description | Pop up with a form where the administrator can select the user permissions (user/administrator). | |
| Method | GET | |
| Parameters | id: integer | Id of the selected user |
| UI | \* Doesn’t exist yet | |
| Permissions | ADM | |

R209: Change user permissions action

|  |  |  |
| --- | --- | --- |
| URL | /administration/users | |
| Description | Web resource that changes the user permissions in the system. Redirects to the user list page. | |
| Method | POST | |
| Request Body | id: integer | Id of the selected user |
|  | message: text | Message to be sent to the user |
|  | administrator: bool | Permissions of the selected user to be updated in the system |
| Redirects | UI20 |  |
| Permissions | ADM | |

R210: Select option to delete user

|  |  |  |
| --- | --- | --- |
| URL | /administration/users | |
| Description | Web resource that creates pop up for the administrator to confirm or cancel the deletion of the user. | |
| Method | DELETE | |
| Request Body | id: integer | Id of the selected user |
| Redirects | R210 |  |
| Permissions | ADM | |

R211: Confirm delete user action

|  |  |  |
| --- | --- | --- |
| URL | /administration/users | |
| Description | Web resource deletes the selected user from the system. Redirects to the user list page. | |
| Method | POST | |
| Request Body | id: integer | Id of the selected user |
| Redirects | UI20 |  |
| Permissions | ADM | |

R212: Cancel delete user action

|  |  |  |
| --- | --- | --- |
| URL | /administration/users | |
| Description | Web resource cancels the process of deleting the selected user. Redirects to the user list page. | |
| Method | POST | |
| Request Body | id: integer | Id of the selected user |
| Redirects | UI20 |  |
| Permissions | ADM | |

**Module M06: Project administration**

**Module M07: Static pages**