

# A7: High-level architecture. Privileges. Web resources specification

## 1. Overview

<b>M01: Authentication</b>	Web resources associated with user authentication, includes the following system features: login/logout and registration.
<b>M02: Individual Profile</b>	Web resources associated with individual profile management, includes the following system features: view and edit personal profile information, view personal notifications and favorite questions.
<b>M03: Messages</b>	Web resources associated with questions, answers and their comments, includes the following system features: add, view, vote, report and delete questions, add, view, vote, report and delete answers and add, view, vote, report and delete comments.
<b>M04: Categories</b>	Web resources associated with categories, includes the following system features: list categories and search categories
<b>M05: Static Pages</b>	Web resources with static content are associated with this module: about.

Identify and overview the modules that will be part of the application.

## 2. Permissions

Define the permissions used by each module, necessary to access its data and features.

<b>PUB</b>	Public	Group of users without privileges.
<b>USR</b>	User	Group of authenticated users.
		Group of users that can update Group of users that can

<b>OWN</b>	Owner	update their profiles and have privileges regarding their messages.
<b>MOD</b>	Moderator	Group of Moderators that can manage any message.

## 3. Modules

---

Web resources organized by module

Document and describe the web resources associated with each module, indicating the URL, HTTP method, request parameters and response.

Follow the RESTful resource naming

At the end of this page is presented some usual descriptors to document the web resources.

### 3.1 Module 1

### 3.2 Module 2

## 4. JSON/XML Types

---

Document the JSON or XML responses that will be used by the web resources.

## Web resources descriptors Do not include on the final artefact

---

- URL - Resource identifier, following the RESTful resource naming conventions
- Description - Describe the resource, when it's used and why
- UI - Reference to the A3 user interface used by the resource
- SUBMIT - Reference to the actions/requests integrated with the resource
- Method - HTTP request Method
- Parameters - Information that is sent through the URL, by a query string or path
- Request Body - Data associated and transmitted with each request
- Returns - HTTP code returned from a request
- Response Body - Data sent from the server, in response to a given request
- Permissions - Required permissions to access the resource

## Revision history

---



---

---

GROUP1763, 05/04/2018

André Cruz, [up201503776@fe.up.pt](mailto:up201503776@fe.up.pt)

Daniel Marques, [up201503822@fe.up.pt](mailto:up201503822@fe.up.pt)

Edgar Carneiro, [up201503784@fe.up.pt](mailto:up201503784@fe.up.pt)

João Carvalho, [up201504875@fe.up.pt](mailto:up201504875@fe.up.pt)