# **Research Group Web Page**

## **Description:**

A research group has decided to develop their website on their local servers. This page must contain information about the research group, latest updates such as news, publications, events, members, and more.

## **Functional Requirements**

### **General:**

* The website must have both English and Spanish versions.
* An admin account must manage all the information on the website.
* The website must be deployed locally but accessible externally using containerization.

### **Main Page:**

* The main page must contain navigation items for sections such as: Home, People, Production, Projects, Datasets, Courses, Contact, and Login.
* The main page must include an option to switch between English and Spanish.
* The main page must display the current members of the research group.

### **People Page:**

* The People page must show a list of all group members with their names and photos, organized by category.
* There must be buttons to filter member information.
* There must be a search option to find specific members.
* Each member must have a login and a personal page where they can edit their personal information.
* There must be two roles for members: Admin and Student.
* Members must be categorized as Teachers, PhDs, Masters, and Undergraduates.

### **User Page:**

* The User page must allow users to edit their personal information.
* Admin users must have the ability to create, edit, delete, and manage permissions for other users, whether they are admins or students.

### **Production, Projects, Datasets, and Courses Pages:**

* These pages must display relevant information about each category.
* For example, the Production page must show publications and other outputs of the research group.

### **Login Page:**

* The login page must include options to sign up or recover a password.
* The password recovery feature must send a verification email to the user.

## **Non-Functional Requirements:**

### **Quality:**

* The website must be user-friendly, responsive, and accessible.

### **Scalability:**

* The system must be scalable to handle an increasing number of users and data.

### **Security:**

* The website must implement secure login and data handling processes.

### **Local Server Functionality:**

* The website must function smoothly on local servers and be reliably accessible from external networks.