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| **Use Case Name** | | | Registration (UC01) |
| **Brief Description** | | | |
| The use case is executed when the user has not registered. The system asks for the user’s credentials (Name, Surname, username, email, password, role). If the credentials are not acceptable (wrong email form or password < 8 characters), a warning message pops up on the screen and asks the user to try again. If no problem occurs throughout the registration process, a successful registration message will pop up on the screen. | | | |
| **Flow of Events** | | | |
| **Basic Flow** | | | |
| 1 | The user navigates to the registration page | | |
| 2 | The user fills in the registration form with personal details (username, email, password, role) | | |
| 3 | The system validates the provided information | | |
| 4 | The credentials are valid. Call UC02 “Valid Credentials” | | |
| 5 | The system registers the user and sends a confirmation email. Call UC03 “Confirmation email” | | |
| 6 | The user can enter the system | | |
| **Alternative Flow** | | | |
| 4a1 | If the credentials are invalid (missing fields, weak password), the system shows an error message. Call UC04 “Not Valid Info” | | |
| 5a2 | If the email is already in use, the system prompts the user to either the password or use another email. | | |
| 5a3 | The UC goes to step 3 of the basic flow­ | | |
| **Preconditions** | | * The user must have a valid email address * User is on the registration page of the system | |
| **Post-Conditions** | | * Call UC02 “Valid Info” or * Call UC04 “Not Valid Credentials” | |

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| **Use Case Name** | | | Log in (UC05) |
| **Brief Description** | | | |
| The use case is executed when the user is registered. The system asks for the user’s credentials (username, password, role). If the user exists, the login process is successful. In case the user does not exist a message pops up. If no problem occurs throughout the registration process, a successful registration message will pop up on the screen. | | | |
| **Flow of Events** | | | |
| **Basic Flow** | | | |
| 1 | The user wants to enter the system | | |
| 2 | If the user has not registered | | |
| 3 | The system shows “Register” | | |
| 4 | The user enters the credentials needed (Name, Surname, username, email, password, role). | | |
| 5 | The system checks if the credentials are valid. | | |
| 6 | The credentials are valid. Call UC02 “Valid Credentials” | | |
| **Alternative Flow** | | | |
| 5a1 | The credentials are not valid. Call UC03 “Not Valid Info” | | |
| 5a2 | A warning notification pops up explaining what is wrong. Call UC04 “Notification for not Valid Credentials” | | |
| 5a3 | The UC goes to step 4 of the basic flow­ | | |
| **Preconditions** | | * The user must be unregistered | |
| **Post-Conditions** | | * Call UC03 “Valid Info” or “Not Valid Credentials” | |