**Admin > validate new registration**

Registration module is the first step of our application. A new member can only access this web application after registering their account in our database. in our application, we implemented a new feature whilst registering a new account. Admin has the rights to validate the user before a user complete registration, once a user requested for account registration with his personal details, they need an admin consent in order to access the account.

**User: registration form**

A new member can register to system with following fields:

* given name & username
* Email address
* Password
* Password confirms
* Phone number

Data validation is an essential part of our application. if data is not validated before register a new user there would be a chance for data duplication amongst different users.

That’s why it’s necessary to verify and validate the new user before it is registered.

**form side validation**

in our registration form, and we provide feedback when you don't enter your data in the format they are expecting. You'll get messages such as:

1. "This field is required" (You can't leave this field blank).
2. "Please enter a valid email address" (the data you entered is not in the right format).
3. "Your password needs to be between 8 and 30 characters long and contain one uppercase letter, one symbol, and a number." (A very specific data format is required for your data).
4. "Please enter your phone number in the format xxx-xxxx" (A specific data format is required for it to be considered valid).

This is called form validation. When you enter data, the browser and/or the web server will check to see that the data is in the correct format and within the constraints set by the application.

Registration form will have submit type button as “REGISTER”, once the user clicked the “REGISTER” button with all information is correctly formatted, the application allows the user data to be submitted to the server and (usually) user will get an information message as ***“Your Account Registration request has been submitted, your account details is under review your will get a confirmation mail from our team”*** ;if the information isn't correctly formatted, it gives the user an error message explaining what needs to be corrected, and lets them try again.

**Admin: Validate new registration**

Admin has the rights to grant the consent to new users in order to access their account. once an admin sign in admin account with their credentials there will be link button as **Registration**  in the sidebar menu of admin page. The **Registration**  button will have a submenu as **Validate New Accounts,** once the user click this button it will shows new page with all pending registration requests of new users inside a html grid . the html grid contains columns as below

* user name
* email
* Grant Admin Consent button
* Reject button

If an admin ready to grant consent to an user in order to access their newly created account, then admin can click Grant Admin Consent button after verifying all information from an user and this actions will send mail to registered user’s mail with the information “your account has been successfully created.” if an admin want to reject the registration request, then the admin ought to select reject button in order to cancel the registration request and it will send an rejection mail to the user accordingly.