

## Use Case Header

<b>Use Case Name:</b>	Signup		
<b>Use Case ID:</b>	TEEM.UC.001	<b>Version No:</b>	1.1
<b>Created by:</b>	PRIYESH	<b>On (date):</b>	23-08-'23
<b>Last Update by:</b>	PRIYESH	<b>On (date):</b>	01-10-'23
<b>Goal:</b>	To make creating accounts user-friendly for users to get the most out of the TEEM application.		
<b>Primary Actor:</b>	User		
<b>Secondary Actor:</b>	Email service, DataBase		
<b>Trigger:</b>	when the user clicks the signup/create account button.		
<b>Related use case:</b>	Login		

Use case Body	
Pre-Conditions:	<p>1. The user attempting to sign up should not already have an existing account within the TEEM application.</p> <p>2. The user must have access to a valid and unique mail address, which is a necessary requirement for account registration.</p>
Main Flow:	<p>1. The user clicks the "Sign-up" button.</p> <p>2. The TEEM system presents a registration form with following fields:</p> <ul style="list-style-type: none"> <li>a. Username (required)</li> <li>b. Email address (required - unique)</li> <li>c. Password (required)</li> </ul> <p>3. The user enters the requested information in the respective fields.</p> <p>4. The TEEM system validates the entered information, ensuring that the username is unique, the email address is correctly formatted, and the password meets security requirements.</p> <p>5. If the provided information is valid, the TEEM system creates a new TEEM account for the user, and a new entry will be created for this user in the database.</p> <p>6. To enhance security and confirm the user's identity, the system sends an email with a verification link to the user's provided email address.</p> <p>7. The user is required to click on the verification link in the email to activate their TEEM account.</p>
Alternate Flow:	<p>5.1 If the system identifies issues with the entered information, such as a duplicate username</p>

	<p>or an incorrectly formatted email address.</p> <p>5.2 In response, the system displays error messages or notifications to the user, informing them of the specific issues.</p> <p>5.3 The user is prompted to correct the problematic information and resubmit the registration form.</p>
<b>Post-Conditions:</b>	<ol style="list-style-type: none"> <li>1. If the user successfully completes the sign-up process by providing valid and unique information, they will have a new TEEM account created in the system.</li> <li>2. In case of issues with the provided information, the system should provide clear error messages and guidance for the user to address the problems.</li> </ol>