

## Study Buddy

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Version: 1.0

USE CASE NAME:	Register	USE CASE TYPE  Business Requirements: true
USE CASE ID:	#001	
PRIORITY:	High	
PRIMARY BUSINESS ACTOR:	Student	
OTHER PARTICIPATING ACTORS:	<ul style="list-style-type: none"><li>· System</li><li>· Database</li></ul>	
OTHER INTERESTED STAKEHOLDERS:	N/A	
SHORT DESCRIPTION:	This use case describes the registration process of the student, a necessary step to be able to use the Study Buddy website.	
PRE-CONDITION:	N/A	

<b>TRIGGER:</b>	Student clicked 'register for account' button	
<b>TYPICAL COURSE  OF EVENTS:</b>	<b>Actor Action</b>	<b>System Response</b>
	<b>Step 1:</b> Student enters university email.	<b>Step 2:</b> System redirects user to Multi-Factor Authentication (MFA) page.
	<b>Step 3:</b> Student enters necessary credentials for Multi-Factor Authentication (MFA) system.	<b>Step 4:</b> System receives MFA user authentication message confirmation.
	<b>Step 6:</b> Student chooses password for their account.	<b>Step 5:</b> System redirects user back to registration page to set a password.
	<b>Step 10:</b> Student activates account through link in the email.	<b>Step 7:</b> System checks if password satisfies password requirements (length, special characters, uppercase & lowercase).
		<b>Step 8:</b> System redirect authenticated student with valid password to the Study Buddy home page.
		<b>Step 9:</b> System sends the student an account activation email.

<b>ALTERNATE COURSES:</b>	<p><b>Alt-Step 4:</b> If the student enters incorrect credentials on MFA authentication page, the student will remain on MFA page until authenticated.</p> <p><b>Alt-Step 8:</b> If the password the student entered does not satisfy password requirements, the student will remain on the registration page and is prompted to re-enter a valid password.</p>
<b>CONCLUSION:</b>	User creates activated account successfully and can now use study buddy webpage with students from their educational institute.
<b>POST-CONDITION:</b>	Database updated with new user information.
<b>BUSINESS RULES:</b>	N/A
<b>IMPLEMENTATION CONSTRAINTS AND SPECIFICATIONS:</b>	N/A
<b>ASSUMPTIONS:</b>	University has MFA system.
<b>OPEN ISSUES:</b>	N/A

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