

TC_ID	Requirement ID	Keywords	Priority	Testcase Title	Description
TC_UM_001	UMS_F_001	Functionality	Must be	User Self-Registration	Users should be able to register for an account.
TC_UM_002	UMS_F_002	Functionality	Must be	Email Verification with OTP	User must verify email to proceed to login.
TC_UM_003	UMS_F_003	Functionality	Must be	View Profile After Login	Users should be able to view their profile.
TC_UM_004	UMS_NF_004	Security	Must be	Password Encryption	Passwords should be stored securely.
TC_UM_005	UMS_NF_005	Functionality	Must be	Dashboard Access Post Login	Users should access lessons post-login.
TC_UM_006	UMS_NF_006	Functionality	Should be	Edit Profile	Users should be able to update profile info.
TC_UM_007	UMS_NF_007	Functionality	Must be	Admin Access to Content Panel	Admin should be able to access content management.

Precondition	Steps	Test Data	Actual Result
Signup page should be accessible, and user must enter valid info.	1. Navigate to the signup page. 2. Fill in username, email, password. 3. Click "Sign Up".	Username: Pixie Email: pixiewalker000@gmail.com	User account is created successfully.
		Password: pixie@123	
User must have completed registration.	1. After sign up, prompt for OTP. 2. OTP is sent via email. 3. Enter OTP and submit.	In-progress	In-progress
User must be logged in.	1. Login to account. 2. Navigate to profile page.	N/A	Profile data (name, email, progress) is visible.
		N/A	
Signup form submitted.	1. Submit signup form. 2. Check database storage format.	Password: pixie@123	Password stored in bcrypt-hashed format.
User should be logged in.	1. Login successfully. 2. Navigate to dashboard. 3. Check lesson visibility.	Username: Pixie Password: pixie@123	Successfully logged out and redirected to the login page.
User should be logged in.	1. Go to profile. 2. Edit name/email. 3. Save changes.	New name: PiXie	Dashboard and lessons loaded successfully.
Logged in as Admin	1. Login as admin. 2. Navigate to /admin/content.	Username: admin Password: admin@123	Profile updated successfully.

Remark/Suggestion	
Fulfilled	
In-progress	
Fulfilled	
Fulfilled	
Fulfilled	
Fulfilled	
Fulfilled	