

			Test Cases for SignUp Form							
Test Case ID	Title	Pre-Conditions	Test Steps	Test Data	Expected Result	🔍	Severity	🔍	Priority	🔍 Status
TC_SU_001	Verify Sign up with Valid Data	API server is running, endpoint availab	POST /api/auth/signup with body: { "userName": "Mudasir Ahmad Khan", "email": "Mudasir123@gmail.com", "password": "123456", "role": "admin" }	Fill all valid fields: Username, Email, Password, Confirm Password → Click "Sign Up"	201 Created. User registered and redirected to login.		Critical		P0	Passed
TC_SU_002	Required Field validation	API running	POST /api/auth/signup with body: {}	Leave all fields empty → Click Sign Up	400 Bad Request. Show validation error for each missing field.		Critical		P0	Passed
TC_SU_003	Invalid Email Format	API running	POST /api/auth/signup with body: { "username": "mudasir", "email": "invalidemail", "password": "StrongPass@123", "confirmPassword": "StrongPass@123" }	Username: mudasir1@#	400 Bad Request. Message: "Invalid email format"		Major		P1	Passed
TC_SU_004	Existng Email Check	API running	POST /api/auth/signup with body: { "username": "newuser", "email": "user@test.com", "password": "StrongPass@123", "confirmPassword": "StrongPass@123" }	Enter Email which is already exists	409 Conflict. Message: "Email already exists"		Minor		P2	Passed
TC_SU_005	Password Strength Valiation	API running	POST /api/auth/signup with body: { "username": "mudasir", "email": "user1@test.com", "password": "123", "confirmPassword": "123" }	Password: 123	400 Bad Request. Message: "Password must be at least 8 characters"		Minor		P2	Passed
TC_SU_006	Username already exists	Username in database	POST /api/auth/signup with body: { "username": "mudasir01", "email": "newemail@test.com", "password": "StrongPass@123", "confirmPassword": "StrongPass@123" }	Username: mudasir01	409 Conflict. Message: "Username already taken"		Minor		P2	Passed
			Test Cases for Signin Form							
Test Case ID	Title	Pre-Conditions	Test Steps	Test Data	Expected Result		Severity		Priority	Status
TC_SL_001	Valid Signin credentials	API server is running, the endpoint is available	POST /api/auth/signin Body: { "email": "mudasirkhattak410@gmail.com", "password": "123456", "role": "admin" }	Email: user@test.com Password: Test@123	200 OK. Token returned. User is logged in.		Critical		P0	Passed
TC_SL_002	Invalid password	API running	POST /api/auth/signin Body: { "email": "user@test.com", "password": "WrongP	Email: user@test.com Password: WrongPass	401 Unauthorized. Message: "Invalid password"		Critical		P0	Passed
TC_SL_003	Unregistered email	API running	POST /api/auth/signin Body: { "email": "fake@user.com", "password": "Test@1	Email: fake@user.com Password: Test@123	401 Not Found. Message: "Account not fou		Minor		P2	Passed
TC_SL_004	Empty Email and Password Field	API running	POST /api/auth/signin Body: { "email": "", "password": "" }		400 Bad Request. Email & password require		Minor		P2	Passed
TC_SL_005	Email format Validation	API running	POST /api/auth/signin Body: { "email": "user+@gmail.com", "password": "Test	user+@gmail.com Passwprd	400 Bad Request. Message: "Invalid email f		Major		P1	Passed
			Test Cases for Verify Email							
TC ID	Title	Method	Endpoint	Body / Params	Expected Result		Severity		Priority	Status
TC_FP_001	Send OTP with valid email	POST	/api/auth/forgot-password		200 OK, "OTP sent to email"		Major		P1	Passed
TC_FP_002	Send OTP with unregistered email	POST	/api/auth/forgot-password	{ "email": "mudasir@gmail.com" }	404 Not Found or 400, "Email not registered"		Major		P1	Passed
TC_FP_003	Send OTP with invalid email format	POST	/api/auth/forgot-password	{ "email": "invalidemail" }	400 Bad Request, "Invalid email format"		Minor		P2	Passed
TC_FP_004	Send OTP with empty email field	POST	/api/auth/forgot-password	{ "email": "" }	400 Bad Request, "Email is required"		Minor		P2	Passed
			Test Cases for Reset password							
TC ID	Title	Method	Endpoint	Body	Expected Result		Severity		Priority	Status
TC-RP-02	Reset with valid new password	API running	POST /api/auth/reset-password Body: { "token": "VALID_TOKEN", "password": "Test@12	New Password: Test@1234	200 OK. Message: "Password reset succes		Major		P1	Passed
TC-RP-03	Mismatched password and confirm password	API running	POST /api/auth/reset-password Body: { "token": "VALID_TOKEN", "password": "Test@12	Pass: Test@123 Confirm: Test@321	400 Bad Request. Message: "Passwords do		Minor		P2	Passed
TC-RP-04	Empty fields validation	API running	POST /api/auth/reset-password Body: { "token": "", "password": "", "confirmPassword": "" }	---	400 Bad Request. Message: "Fields cannot		Major		P1	Passed
TC_RP_05	Weak password validation	API running	POST /api/auth/reset-password Body: { "token": "VALID_TOKEN", "password": "123", "cc	Password: 123	400 Bad Request. Message: "Weak passwo		Minor		P2	Fail
TC_RP_06	Expired reset link	API running	POST /api/auth/reset-password Body: { "token": "EXPIRED_TOKEN", "password": "Test@	Expired token	401 Unauthorized. Message: "Reset link has		Minor		P2	Passed
TC_RP_07	Invalid or tampered reset link	API running	POST /api/auth/reset-password Body: { "token": "INVALID_TOKEN", "password": "Test@	Invalid token	401 Unauthorized. Message: "Invalid or tam		Minor		P2	Passed
			Test Cases for Reset password							
Test Case ID	Title	Pre-Conditions	Test Steps	Test Data	Expected Result	🔍	Severity	🔍	Priority	🔍 Status
Create category with valid data	POST	/api/category	{ "title": "Design" }	201 Created – Category successfully created	High		Major		Pending	
Create category with missing title	POST	/api/category	{}	400 Bad Request – 'title' field is required	Medium		High		Pending	
Update category with valid data	PATCH	/api/category/{id}	{ "title": "Updated Design" }	200 OK – Category updated successfully	Medium		High		Pending	
Update category with missing title	PATCH	/api/category/{id}	{}	400 Bad Request – 'title' field is required	Low		Medium		Pending	
Delete category with valid ID	DELETE	/api/category/{id}	N/A	200 OK – Category deleted successfully	Medium		Medium		Pending	
Delete category with invalid ID	DELETE	/api/category/invalid-id	N/A	404 Not Found – Category does not exist	Low		Low		Pending	
Get all categories	GET	/api/category	N/A	200 OK – List of all categories returned	Low		High		Pending	