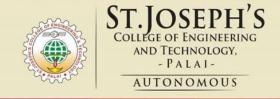
Dept. of **Computer Science and Engineering**



24SJPBCST304 OBJECT ORIENTED PROGRAMMING TEST CASE RESULTS

		TEAM DETAILS	
Sl No	Class Roll No	University Reg. No	Name of the Student
1	47	SJC24CS147	Keerthana G Pillai
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PROJECT DETAILS

Project Title: ForgeGrid

Test	Test	Test Steps / Inputs	Expected Result	Actual Result	Status
Case ID	Scenario				(Pass/
					Fail)
TC01	User	1) Open app →	New user inserted	User inserted into	Pass
	Signup	SignUp	into `users`;	`users`; success	
		2)Username: 'alice' 3) Email:	success dialog; navigate to Login	dialog; redirected to Login	
		'alice@example.co m' 4) Password:			
		'Passw0rd!'			
		5) Click 'Sign Up'			
TC02	Signup	Try to register with	Registration fails;	Registration blocked;	Pass
	Duplicate	existing username	error shown; no	error shown; no new	
	Username /Email	or email	new DB row	DB row	

TC03	Signup Empty Fields	1) Leave any of Username/Email/Pa ssword blank 2) Click 'Sign Up'	Error: "Please fill in all fields:"	Error shown: "Please fill in all fields:"	Pass
TC04	Login (Usernam e)	1) Enter valid username + password 2) Click 'Login'	Auth succeeds; current profile loaded; proceed to onboarding check	Authenticated; profile loaded; onboarding check performed	Pass
TC05	Login (Email)	1) Enter valid email + password 2) Click 'Login'	Auth succeeds; same as TC04	Authenticated via email; same flow as username	Pass
TC06	Login Invalid Credential s	1) Enter wrong password 2) Click 'Login'	Error: "Invalid username or password."; remain on Login	Error: "Invalid username or password."; stays on Login	Pass
TC07	Remembe r Me Save	1) Check "Remember Me" 2) Login success	`forgegrid.prefs` stores `remember.me=tru e`, username, Base64 password; next launch auto- fills	`forgegrid.prefs` stores `remember.me`, username, Base64 password; auto-fill on next launch	Pass
TC08	Remembe r Me Clear	1) Uncheck "Remember Me" 2) Login success	Preferences cleared; next launch does not auto-fill	Preferences cleared; no auto-fill on next launch	Pass
TC09	Onboardin g Prompt (New User)	1) Login with new user (no onboarding)	Show 'ONBOARDING_ PROMPT' card with Yes/Skip	"ONBOARDING_PRO MPT" card shown with Yes/Skip	Pass
TC10	Onboardin g Flow	1) From prompt click Yes	Saves `onboarding_*` in	Answers saved to `users`;	Pass

	(Yes)	2) Answer Q1/Q2/Q3 3) Continue	`users`, sets `onboarding_comp leted=1`, opens Dashboard	`onboarding_complet ed=1`; Dashboard opens	
TC11	Onboardin g Skip	1) From prompt click 'Skip for now'	Saves goal='Skipped', language/skill='Not specified', sets completed=1, opens Dashboard	Saves goal="Skipped", language/skill="Not specified"; completed=1; Dashboard opens	Pass
TC12	Welcome Back (Returning User)	1) Login where `onboarding_compl eted=1`	Show Welcome Back panel; Continue opens Dashboard	Welcome Back panel shown; Continue opens Dashboard	Pass
TC13	Password Reset	1) Click 'Forgot Password?' 2) Enter existing username 3) Enter new valid password	Updates hashed password in `users`; success dialog	Password updated (SHA-256 hashed); success dialog	Pass
TC14	DB Connectio n Failure	1) Stop MySQL / break credentials 2) Start app / attempt auth	Error: "Database initialization failed" or "Authentication error"; no crash	App throws initialization error (startup fails) rather than graceful error dialog	Fail
TC15	User Preferenc es Save	1) From Dashboard trigger save prefs (where applicable)	Row upserted in `user_preferences`, `customize_comple ted=TRUE`	Upserted into `user_preferences`; `customize_complete d=TRUE`	Pass
TC16	Build Script (Windows)	1) Run `build.bat`	`bin/` created, sources compiled, resources copied; success message	`bin/` created; sources compiled; resources copied; success message	Pass

TC17	Run App	1) Double-click `run.bat` or run `Main` in IDE	App launches with Welcome → Login	Launches to Welcome → Login	Pass
TC18	Field Validation (Login)	1) Leave fields blank 2) Click Login	Error: "Please fill in all fields."	Error: "Please fill in all fields."	Pass
TC19	Field Validation (Numeric)	1) Enter non-text in text fields (e.g., symbols)	Inputs accepted as text; no crash; validation handled per form	Text fields accept input; no crash; validation per form	Pass
TC20	Table/Dat a Refresh After Action	1) Complete onboarding then open Dashboard	Dashboard loads with personalized data (language/skill visible where used)	Dashboard loads with personalized data after onboarding	Pass