

## ActiveSky - Test Report

### Test Results

Test Name	Result	Explanation
test_home_page_loading_time	Passed	Home page loaded in under 2 seconds
test_login_page_loading_time	Passed	Login page loaded in under 2 seconds
test_signup_page_loading_time	Passed	Signup page loaded in under 2 seconds
test_os_compatibility	Passed	Operating system is supported
test_user_login_success	Passed	Login successful with valid credentials
test_user_login_wrong_password	Passed	Login rejected with incorrect password
test_user_login_nonexistent_email	Passed	Login rejected with non-existent email
test_user_registration_success	Passed	Registration successful with valid credentials
test_user_registration_existing_email	Passed	Registration failed with existing email
test_user_registration_short_email	Passed	Registration failed with too short email
test_user_registration_short_password	Passed	Registration failed with too short password
test_user_registration_short_username	Passed	Registration failed with too short username
test_weather_api_response	Passed	Weather API returned valid data
test_time_based_recommendations	Passed	Time-based recommendations returned
test_temperature_recommendations	Passed	Temperature-based recommendations returned
test_weather_condition_recommendation	Passed	Weather condition-based recommendations returned

### Acceptance Tests and Criteria

Scenario	Test	Kriter
User logs in successfully	test_user_login_success	Login is successful and a success message appears
User fails login with wrong password	test_user_login_wrong_password	An error message for incorrect password is returned
User fails login with invalid email	test_user_login_nonexistent_email	An error message stating email not found is returned
New user registers successfully	test_user_registration_success	A success message for registration is shown
Registration fails with existing email	test_user_registration_existing_email	An error message for existing email is returned
Weather API returns data	test_weather_api_response	The JSON response includes 7 expected fields
Activity suggestions are returned	test_temperature_recommendations, test_weather_condition_recommendations, test_time_based_recommendations	Relevant activity suggestions are returned based on conditions