

Test ID	Module	Description	Expected Result	Status
UT-01	Signup	Valid student registration	Success	Pass
UT-02	Signup	Empty Name validation	Fail	Pass
UT-03	Signup	Password length validation (< 4 chars)	Fail	Pass
UT-04	Signup	Non-numeric mobile number validation	Fail	Pass
UT-05	Signup	Duplicate email detection (Exception)	Fail	Pass
UT-06	Login	Valid credentials authentication	Success	Pass
UT-07	Login	Incorrect password attempt	Fail	Pass
UT-08	Login	Blocked student check (Status 0)	Fail	Pass
UT-09	Login	Non-existent email authentication	Fail	Pass
UT-10	Login	Null input safety check	Fail	Pass
UT-11	Password	Valid password change process	Success	Pass
UT-12	Password	Current/Old password mismatch	Fail	Pass
UT-13	Password	Account not found validation	Fail	Pass
UT-14	Password	Empty new password string	Fail	Pass
UT-15	Password	Database MD5 hash update verification	Success	Pass
UT-16	Admin	Administrator valid login	Success	Pass
UT-17	Admin	Admin incorrect password	Fail	Pass
UT-18	Admin	Admin invalid username	Fail	Pass
UT-19	Admin	Admin empty fields submission	Fail	Pass
UT-20	Admin	Admin case sensitivity check	Success	Pass
UT-21	Book	Successful book issuance	Success	Pass

Test ID	Module	Description	Expected Result	Status
UT-22	Book	Out of stock validation (Copies = 0)	Fail	Pass
UT-23	Book	Non-existent Student ID validation	Fail	Pass
UT-24	Book	Non-existent Book ID validation	Fail	Pass
UT-25	Book	Automatic stock count increment check	Success	Pass