

Test Scenario	Expected Result	Result
Wrong password is rejected	“incorrect username or password.”	Pass
After login, the dashboard matches the role	Redirect the user to their designated dashboard.	Pass
See catalog	Table with code/title/credits/capacity/instructor	Pass
Register in a section with free seats	success and appears in “My Registrations” and timetable.	Pass
Try to register the same section again	blocked with a clear message.	Pass
Try to register in a full section	blocked with “Section full.”	Pass
Drop before deadline	success; appears removed.	Pass
View grades for registered courses and sections.	Grades shown in table	Pass
Download transcript (CSV or PDF) listing completed courses/grades.	File download successfully	Pass
See only their own sections.	Table showing their sections	Pass
Enter scores (quiz/midterm/end-sem)	saved.	Pass
Compute final grade using the rule in the report	shows final values.	Pass
Try to edit a section they do not teach	blocked with “Not your section.”	Pass
Create a new student user	User successfully created	Pass
Create a course and a section;	Successfully created	Pass
assign instructor.	Successfully done	Pass
Toggle Maintenance ON	banner shows; student/instructor can view but cannot change	Pass
Toggle Maintenance OFF	normal behavior returns.	Pass

Password hash exists in Auth DB	Hash exists	Pass
ERP DB does not contain passwords.	ERP DB contains only roles	Pass
Login uses Auth DB, then loads student/instructor profile from ERP DB via the shared user id.	Successfully done	Pass
Transcript export (Student) or grade CSV export (Instructor) works and opens.	Student are able to export the grade CSV	Pass
Duplicate enrollments (same student+same section) are prevented.	Prevented	Pass
Removing a section: either blocked when students are enrolled or clearly explained/documented.	Explained	Pass
Real passwords are never stored; only hashes.	Stored only hash	Pass
A Change Password dialog exists (bonus).	Change password exist	Pass
After 5 wrong login attempts,	warning or temporary lock	Pass
Access rules checker is called before any change	Called	Pass
Catalog list of ~100 courses opens quickly (a few seconds or less).	Successfully opens the catalog	Pass
App starts without long hangs or crashes.	Done	Pass
Maintenance toggle flips the settings flag and the UI shows a banner immediately.	Implemented	Pass
All student/instructor writes are blocked while maintenance ON.	Blocked	Pass
Backup/restore: trigger backup, change a row,	Successfully created .sql	Pass

restore, and see it revert.		
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