

Indian Institute of Technology, Kharagpur

Department of Computer Science and Engineering

Software Engineering (CS 20006), Spring 2013-14

Leave Management System (LMS) Test Plan

Leave Quota								
Test	CL	EL	DL	SL	ML	PL	LWP	Remarks
Credit			X					Checks if leave is rightly credited
Carry Forward			X					Checks if leave is rightly carried forward to next period
Brought Over			X					Checks if leave is rightly brought over from previous period
Encashment	X		X	X	X	X	X	Checks if leave is rightly transferred for encashment
Leave Period								
Test	CL	EL	DL	SL	ML	PL	LWP	Remarks
Duration								Checks if the leave is within permissible number of days
Holiday Mix								Checks if the leave mixes right with holidays - before, after, during, etc
Leave-Leave Mix								Checks if the leave mixes right with other leaves
Leave Financial								
Test	CL	EL	DL	SL	ML	PL	LWP	Remarks
Encashment Credit	X		X	X	X	X	X	Checks if leave is rightly encashed to salary
Salary Deduction	X	X	X	X	X	X		Checks if salary is rightly deducted / held back for exceeding leave quota
Leave Conditions								
Test	CL	EL	DL	SL	ML	PL	LWP	Remarks
Pre-Approval								Checks if a leave is usually pre-approved
Post-Approval		X			X	X	X	Checks if a leave is post-approved under special circumstances
Medical	X	X	X			X		Checks the medical conditions and certificates for leave
Maternity	X	X	X	X				Checks the maternity conditions and certificates for leave
Parental	X	X	X	X			X	Checks the parental conditions and certificates for leave
Exigency	X	X	X	X	X	X		Checks the exigency conditions and documents for leave