

System Tests Testcatalog - Time Management System

1. User Management

Test-ID	Description	Expected Input	Expected Result	Result
UM-01	Creation of a new User	Admin: Creates a new user with a role	New user object gets created successfully and is shown correctly in the UI	Not implemented
UM-02	Admission of one or more roles to a user	Existing user gets assigned an additional role, e.g. a dev is being assigned the role of supervisor	The user has the functions of all the roles available to him	Not implemented
UM-03	Login with correct user credentials	Input of an assigned mail-address with the correct password	The user gets access to his TMS - Homescreen	Functional
UM-04	Login with incorrect user credentials	Input of an unassigned mail-address and/or an incorrect password	The user is denied access and an error is being shown	Functional

2. Working Time Registration

Test-ID	Description	Expected Input	Expected Result	Result
WT-01	Manual start of working-time-tracking	Pressing of the "Check-In" - Button	Creation of a "start-timestamp" and visual indication	Functional
WT-02	Manual stop of working-time-tracking	Pressing of the "Check-Out" - Button	Creation of a "stop-timestamp" and saving of the time worked	Functional
WT-03	Automated check for invalid work times	Input of an amount of time worked, larger than allowed by law (>10h45m)	Error and denial of the input	Not implemented
WT-04	Correction of timestamps	Editing of saved timestamps in the calendar view	Working time entry and statistics get updated correctly	Not implemented
WT-05	Working time submission at the end of a month	Submission of the working time entries of a specific month to the supervisor	Editing of the submitted timestamps gets blocked and the supervisor gets notified	Not implemented

3. Vacation Request

Test-ID	Description	Expected Input	Expected Result	Result
VR-01	Creation of a new vacation request	Entry of requested vacation days and submission to the supervisor	Request gets created successfully and is being shown to the supervisor	Functional with limitations

	Functional
	Functional with limitations
	Faulty behaviour
	Not implemented

VR-02	Approval of a submitted vacation request	The supervisor approves an open vacation request	The requested days get marked in the calender and the flex-time isn't subtracted	Not implemented
VR-03	Denial of a vacation request	Entry of requested vacation days, which exceeds the remaining days	Error message and denial of submission by the system	Functional

4. Sick Leave Management

Test-ID	Description	Expected Input	Expected Result	Result
SL-01	Sick leave submission	Input of a sick leave by an HR employee	Employee status is being shown as "sick" and the creation of time stamps for this day is blocked	Not implemented
SL-02	Providing a medical certificate after three days	Sick leave is longer than three days	The responsible HR-employee is being notified to request the medical certificate	Not implemented

5. Notifications

Test-ID	Description	Expected Input	Expected Result	Result
NT-01	Notification to a supervisor for approval of working times	Submission of the working time entries of a specific month to the supervisor	The next time the supervisor logs into the system, a notification is being shown to him	Not implemented
NT-02	Notification to a responsible HR employee about a pending medical certificate	Sick leave is longer than three days	The next time the employee logs into the system, a notification is being shown to him	Not implemented

6. User Experience and Performance

Test-ID	Description	Expected Input	Expected Result	Result
UX-01	Performance test	Pressing buttons or loading subpages	The function is loading within two seconds	Functional
UX-02	Customizability	Changing the color scheme in the settings menu	The selected color scheme is being displayed correctly	Not implemented