**One Day Assessment - LMS**

**Applying Special Sick Leave:**

Enhancing the “Leave Management System” with one more leave type Special Sick Leave (SSL).

Rules for applying Special Sick Leave:

* Special Sick Leave can be availed by the employee after completing minimum six (6) months

in the organization

* Special Sick Leaves will be applicable after consumption of Earned leave.
* The maximum quantum for Special Sick Leave is 30days.
* Every employee can apply Special Sick Leave only once during his/her tenure.

Needs to change the database design, Java logic, CLI, test classes, rest interfaces, angular ui, rest assured classes, jasmine/karma and protractor.

Do the following changes in your project: -

Employee and LeaveDetails table:

* Add **DATE\_OF\_JOINING** column in Employees table
* Add **SSL\_APPLIED\_STATUS** in LeaveDetails table. The default value of SSL\_APPLIED\_STATUS is **NO**, once applied the status need to be change it as **YES**.

Validation:

* Check whether the employee completed minimum six months in the organization to avail the special sick leave.
* No of days should be less than or equal to 30 days inclusive of EL balance.

For example: if my EL balance is 10 days and applying SSL is 20 days.

So, 10+20 (EL+SSL) is 30 <= 30 -> is applicable

(Or)

if my EL balance is 0 days and applying SSL is 30 days.

So, 0+30 (EL+SSL) is 30 >= 30 -> is applicable

But,

if my EL balance is 10 days and applying SSL is 30 days.

So, 10+30 (EL+SSL) is 40 >= 30 -> is not applicable

* Every employee can apply SSL only once during his/her tenure.
* Proper Error Messages need to be thrown based on error conditions.

Note:

Approving/ Rejecting SSL based on the proper medical document verification by HR, which is out of scope.