

Topic: Decision tables for complex conditions

Duration: 15 minutes

In teams of 2 to 3 persons, build a decision table for a **checkout transaction in the library system** with input conditions such as ‘registered user’, ‘book copy available’, ‘loan quota reached’ and output conditions such as ‘loan granted’, ‘loan denied’, and ‘book copy reserved’.

Notes:

- Loan quota reached means that the user in question achieved the maximum number of exemplaires (s)he can borrow.
- Book copy reserved means that all the existent copies has been reserved by other patrons

Submit it as a PDF file to Moodle **individually**.

Input Conditions	Registered User	T	T	T	T	F	F	F	F
	Book Copy Available	T	T	F	F	T	T	F	F
	Loan quota reached	T	F	T	F	T	F	T	F
Output Conditions	Loan Granted		X						
	Loan Denied	X		X		X	X	X	X
	Book Copy Reserved				X				

X = true