

For 3NF, we need to ensure it has both 2NF and also has no transitive relation. Currently the tables do not have any transitive relations and thus are already in 3NF form.

Here I removed transitive from staff id and convenor by removing convenor from the table.

Removed marks as it can be called by grade and is also transitive.

Primary keys are student id, subject code, staffed and grade

The 3NF forms of the given table:

stud_id	subj_code	sem_	year	staff_id	grade
1234	ITM2005	1	2015	111	D
1234	ACS1005	2	2015	222	N
9555	ITM2005	1	2015	111	HD
9555	PRG1001	2	2015	333	C

staff_id	convenor
111	Bob Hauser
222	Jane Collins
333	Ahmad Singh

stud_id	stud_name
1234	John Smith
9555	Peter Nguyen

subj_code	subj_title
ITM2005	System Architecture
ACS1005	Data Mgmt
PRG1001	Programming I

mark	grade
83	D
44	N
95	HD
65	C

