

## Pass Task 4.1.2

## First Normal Form (No Repeating Groups)

stud_id	stud_name	subj_code	subj_title	sem	year	staff_id	convenor	score	grade
1234	John Smith	ITM2005	Systems Architecture	1	2015	111	Bob Hauser	83	D
1234	John Smith	ACS1005	Data Mgmt	2	2015	222	Jane Collins	44	N
9555	Peter Nguyen	ITM2005	Systems Architecture	1	2015	111	Bob Hauser	95	HD
9555	Peter Nguyen	PRG1001	Programming I	2	2015	333	Ahmad Singh	65	C

## Second Normal Form (No Repeating Groups, No Partial Dependencies)

stud_id	subj_code	sem	year	staff_id	score	grade
1234	ITM2005	1	2015	111	83	D
1234	ACS1005	2	2015	222	44	N
9555	ITM2005	1	2015	111	95	HD
9555	PRG1001	2	2015	333	65	C

Table Students	
stud_id	stud_name
1234	John Smith
1234	John Smith
9555	Peter Nguyen
9555	Peter Nguyen

Table Convenors	
staff_id	Convenor
111	Bob Hauser
222	Jane Collins
111	Bob Hauser
333	Ahmad Singh

Table Subjects	
subj_code	subj_title
ITM2005	Systems Architecture
ACS1005	Data Mgmt
ITM2005	Systems Architecture
PRG1001	Programming I