

United International University
CSE-221 [221] Database Management Systems
Homework-2

Full Marks: 10

If any portion of your submission is found to be similar to another submission, both submissions will be marked as zero.

In this assignment, you are asked to discuss about five of the database normal forms, namely: 1st Normal Form, 2nd Normal Form, 3rd Normal Form, Boyce Codd Normal Form (3.5NF), and 4th Normal Form. You'll have to mention the following points for each of the forms.

- a) Define the normal form in your own words.
- b) Give your own example database relation (sample database table with dummy data, at least 3 rows) that does not hold the normal form.
- c) Give your own example database relation (sample database table with dummy data, at least 3 rows) that holds the normal form.
- d) Your explanation on why (b) does not hold the normal form and (c) holds it.

Submission:

Upload the pdf in LMS.