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Database Normalisation

Short summary of BCNF

Boyce-Codd Normal Form (BCNF) is one of the forms of database normalization. A database table is in BCNF if and only if there are no non-trivial functional dependencies of attributes on anything other than a superset of a candidate key.

BCNF is also sometimes referred to as 3.5 Normal Form. BCNF states that all data in a table must depend only on that table's primary key, and not on any other field in the table.

The Super keys:

- Editor – UserName + E-mail+DateOfBirth,
- Post – PostID + E-mail + Title
- Comment – E-mail + Name + Time stamp
- Category – CategoryName

Functional Dependencies

Editor {UserName} → {Name, E-mail}

 Post {PostID} → {Time stamp}

  Comment {Time stamp} → {Content}

Summary of design to BCNF

I think I would not make any changes to it because it is already good design as I possible could of think off. Design is made referring to the future as well, because it was stated in task that our design should be showing the feature that where could be many categories inputed.