

3rd Normal Form(3NF)

- Should fulfill following three rule
 - Table must be in 1NF.
 - Must also fulfilled the rules of 2NF.
 - Must not be any transitive dependency among attributes.

Match Details

Tournamen t	Year	Winner	Man of series
Chess	2011	India	Chinna
Cricket	2012	Sri Lanka	Manoj
Football	2012	India	Chinna
Chess	2012	China	Sumit

- As per 3NF the Match Details table can be decomposed as

Winner

Tournament	Year	Winner
Chess	2011	India
Cricket	2012	Sri Lanka
Football	2012	India
Chess	2012	China

Country

Winner	Man of series
India	Chinna
Sri Lanka	Manoj
China	Sumit