

Database Design Review Checklist

Project Code

Version of the work product

Reviewer(s)

Review date

Work product' size

Effort spent on review (man-hour)

Question	Yes	No	N/A	Note
Logical Design				
Is the database adequately normalized?				
Are all the attributes in the design required?				
Is the primary key of each entity correct?				
Are entities normalized based on their primary key?				
Are relationships between entities correct?				
Check for circular relations				
Physical Design				
Does the physical design correspond to the logical design?				
Are the size and type of fields correctly specified?				
Are the necessary indexes created for the tables?				
Has a check been made of the effect of the DBMS product on the design?				
Can the DBMS product handle the required volume?				
Has the impact of performance been checked due to alternate indexes?				
Has controlled de-normalization been done in the context of the selected DBMS product?				
Is the database design flexible enough to allow addition of fields in future?				
Check if tables for codes/defaults are generic enough?				
Who owns the database objects? (If that is possible)				
How is back up/restore handled, if that is DB object specific or application specific?				
Check for database coding standards				

* Comments

* Suggestion

[] - Pass

[] - Review again

[] - Other