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Aim: To mop ER/EER to Relational schema model for company
Database

Theory: - Rules of ER to relational mapping

y Mapping of regular entity types

For each strong entity type E in ER schema, create a relation R that includes all the simple attributes of E. Form a primary Key from the adhibutes

2) Mapping of weak entity types

For each weak entity type W in ER schema with owner entity type E create a relation R and include all simple attributes of Was attribute of R

3) Mapping of binary 1-1 relation.

For each binary 1:1 relationship, R in ER, identify the relations sand?

That corresponds to the entity types participaths in R. There are three possible approaches.

- I Foreign Key approach
- 2) Merged relation operation
- 3) Cross- refference of relationship relation option

For each regular binary 1: N relation type R identify relation 5

That represent the participating entity type at the N-side of relationship type

51 Mapping of binary M: N condition

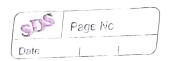
For each regular binary M:N typer R create a new relation 5 to represent R Include as foreign Key attribute in 5 the primary Ken of relation that
represents participating entity types



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9 Mapping multivalued attribu	les	
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Mapping of composite altributes

Only the leaf / composite / child attributes of a composite attribute will become a collumn of respective table

Conclusion

Hence, we have successfully mapped the relational schema model
for company database