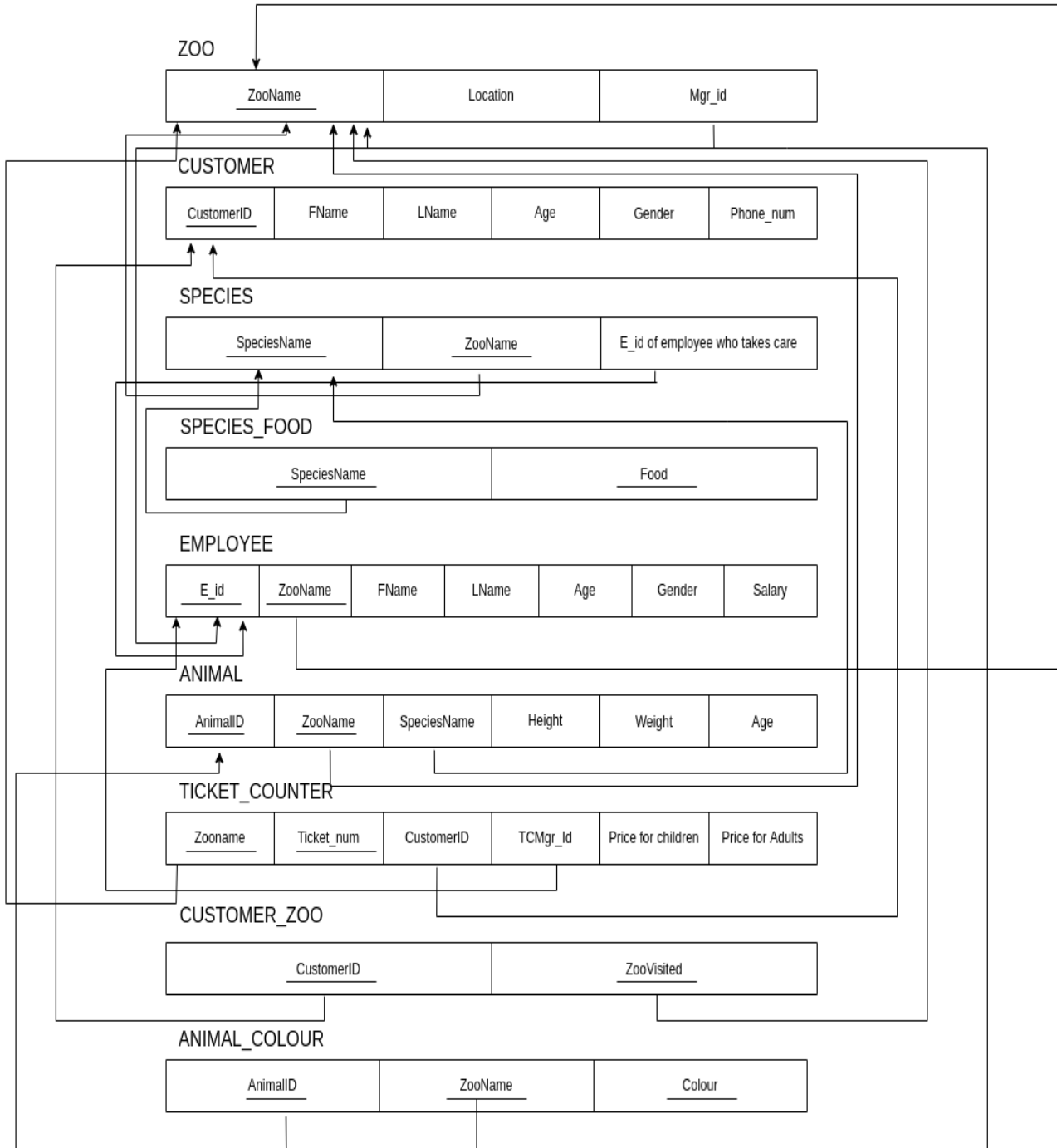


PROJECT – PHASE 3

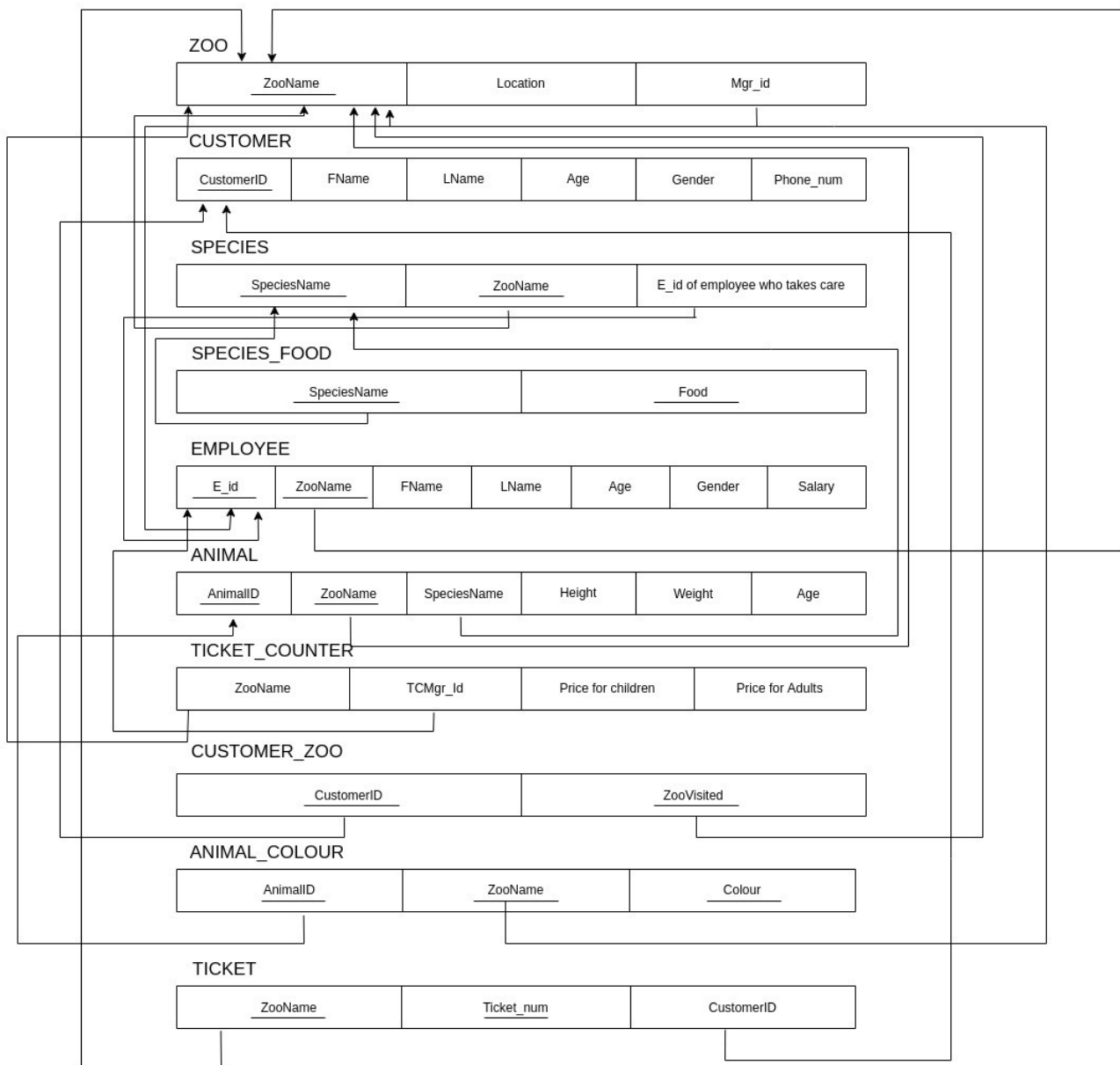
MAPPING ER TO RELATIONAL MODEL



RELATIONAL MODEL AFTER CONVERSION TO 1NF

The relational model is already in its first normal form because all relations have already been changed to not include multivalued or composite attributes and their combinations.

RELATIONAL MODEL AFTER CONVERSION TO 2NF



The above relational model is in 2NF as every nonprime attribute A of a relation is fully functionally dependent on the primary key of the relation.

RELATIONAL MODEL AFTER CONVERSION TO 3NF

The above relational model is in third normal form as it satisfies the second normal form and no prime attributes of the relation is transitively dependent on the primary key.

Hence the relational model which satisfies first normal form, second normal form and third normal form is as shown below :

