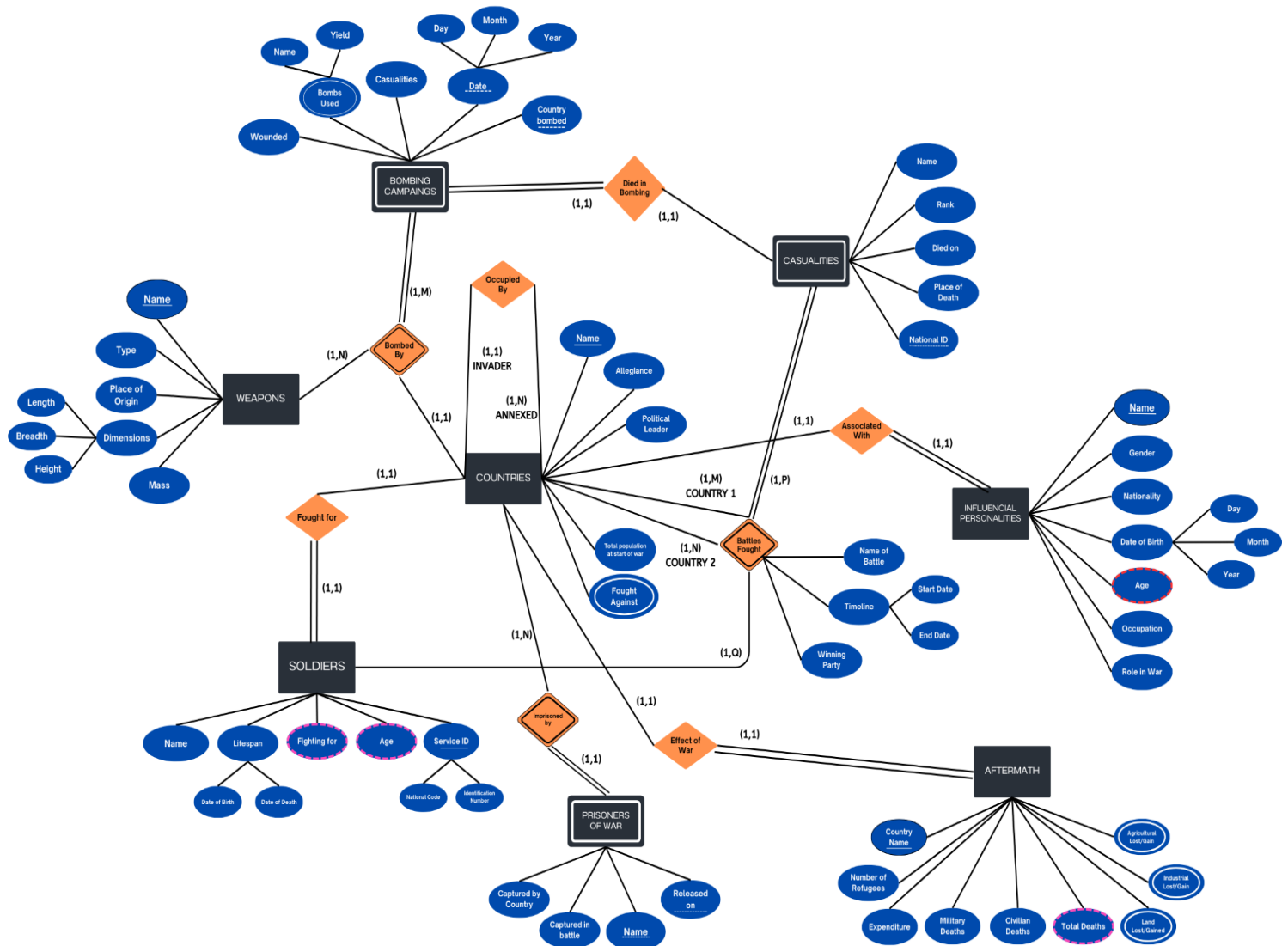


DnA
Project Phase - 3
Team 3 - DNAgiri

Objective - Convert the ER model of your project mini-world to a relational model and iteratively normalize the database to reduce redundancy

ER Model Diagram



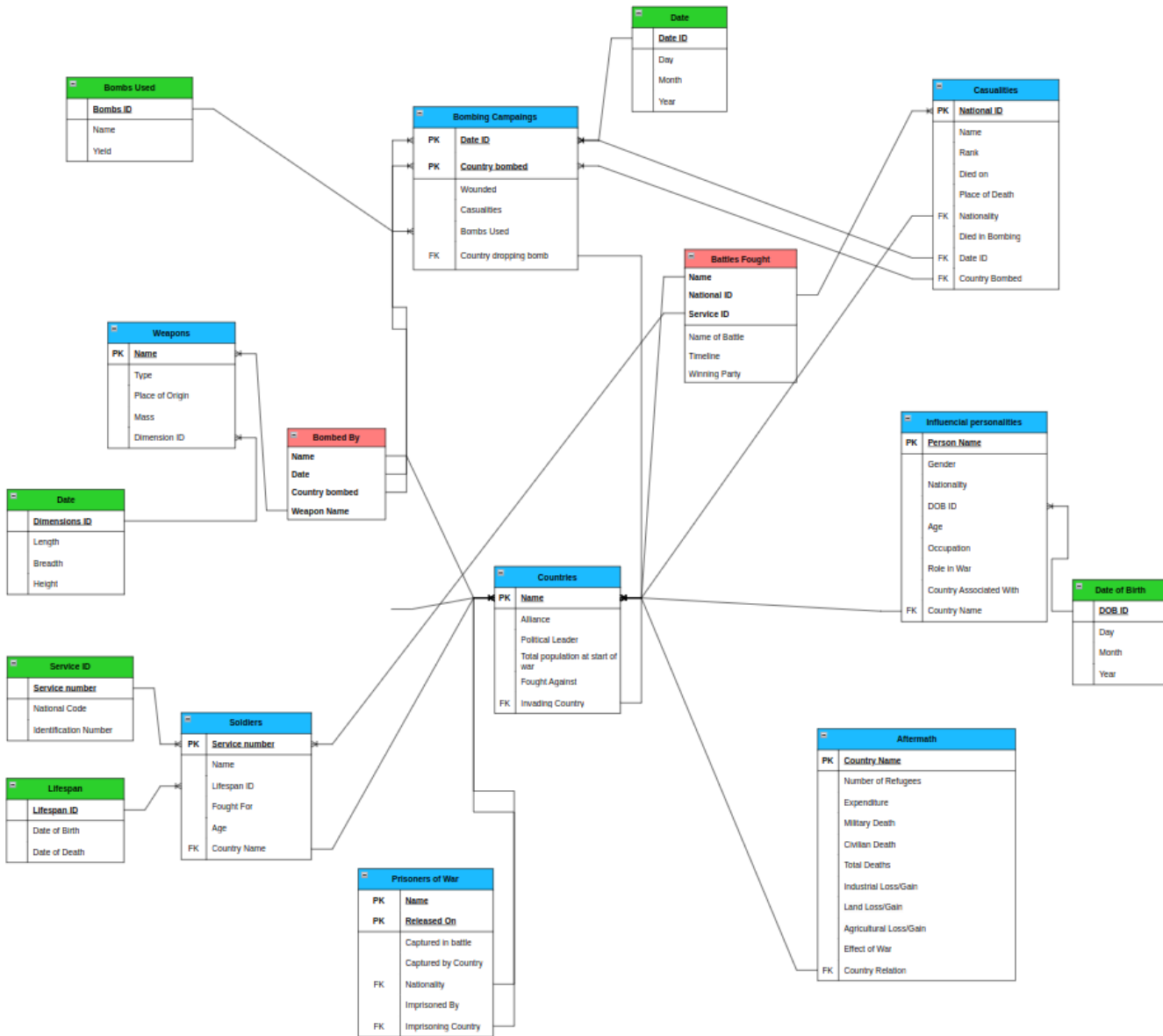
Relational Model

The above ER Diagram has been converted into the following Relational Model.

Blue - Entity Types

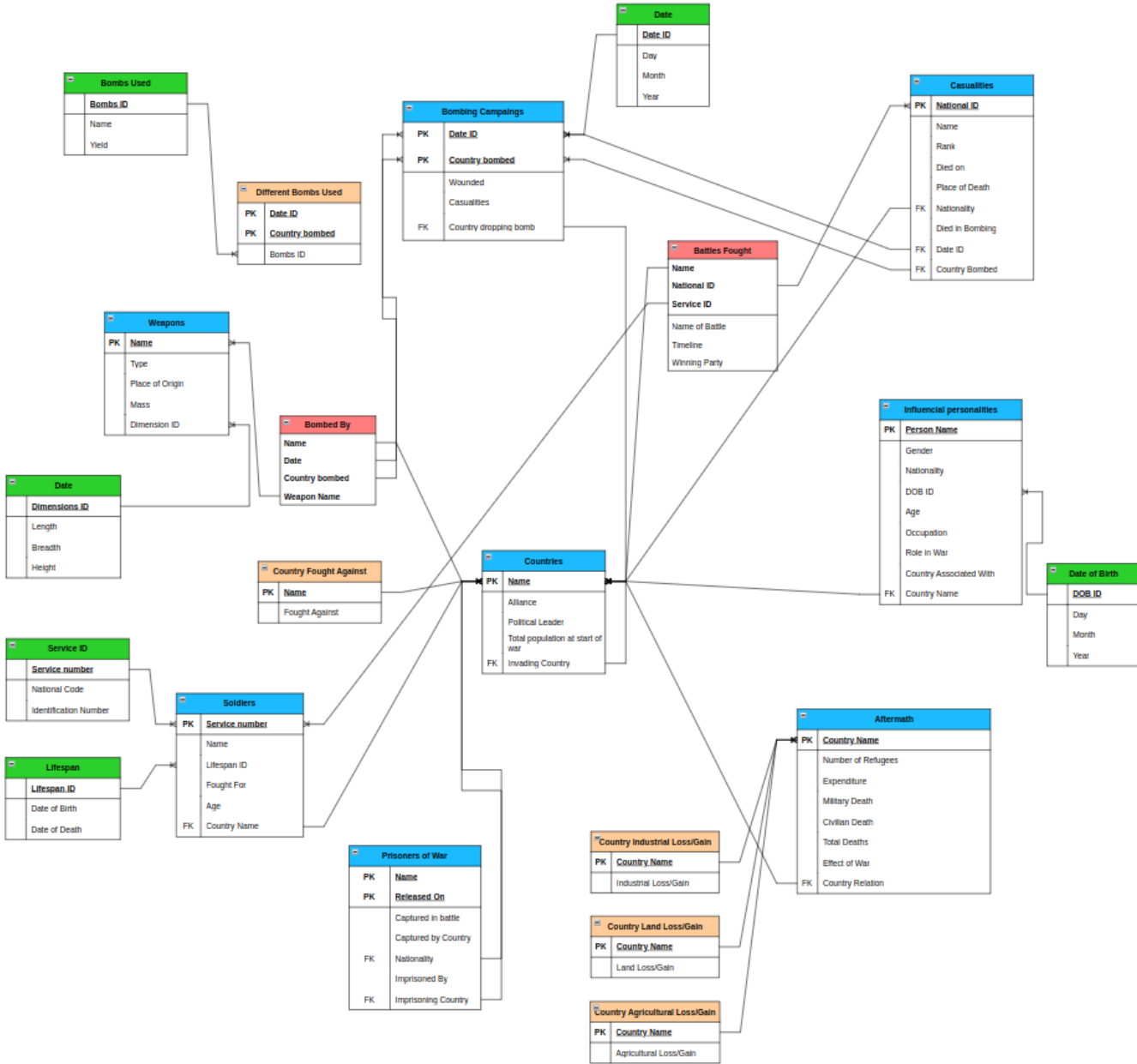
Red - Relationship Types

Green - Composite attributes



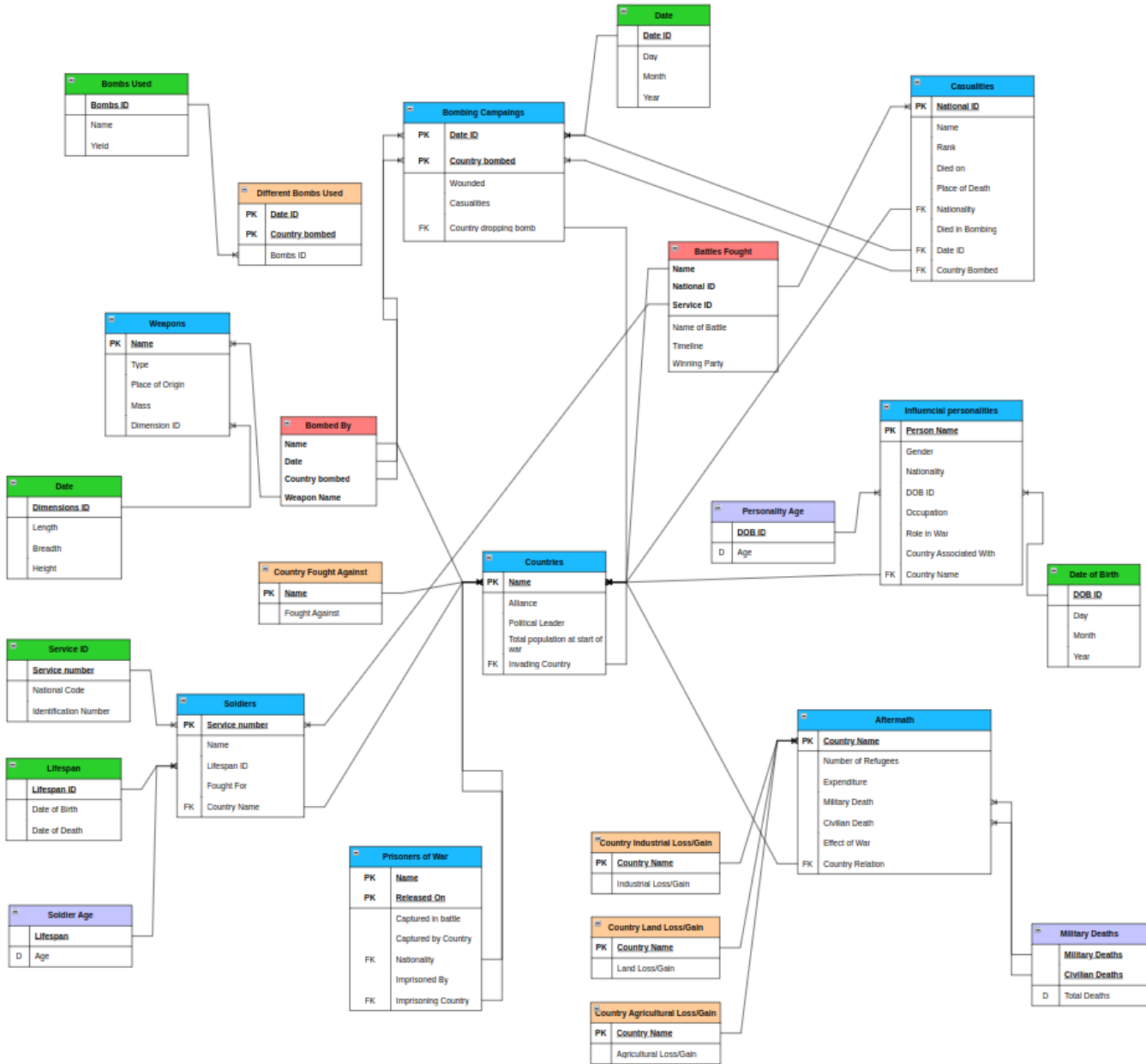
1NF

The above Relational Diagram has been converted into the following 1NF Form by decomposing the Multivalued attributes into Multiple Atomic values. (**Orange** tables have been added)



2 NF

The above 1NF has been converted into the following 2NF by decomposing the Derived attributes and other partial dependencies. (**Purple** tables have been added)



3NF

Since we had no transitive dependencies in our 2NF. So our 3NF is same as 2NF.

