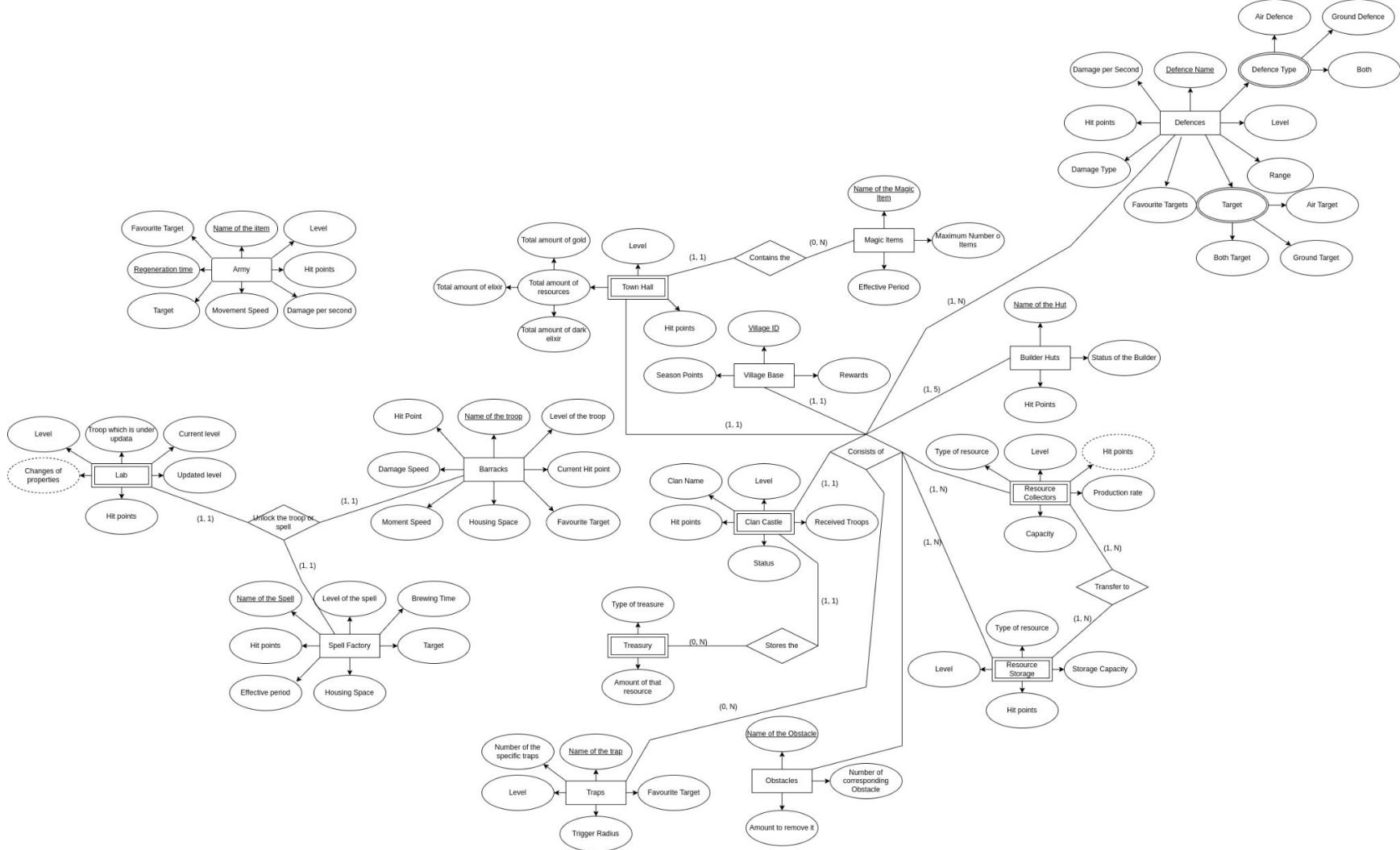


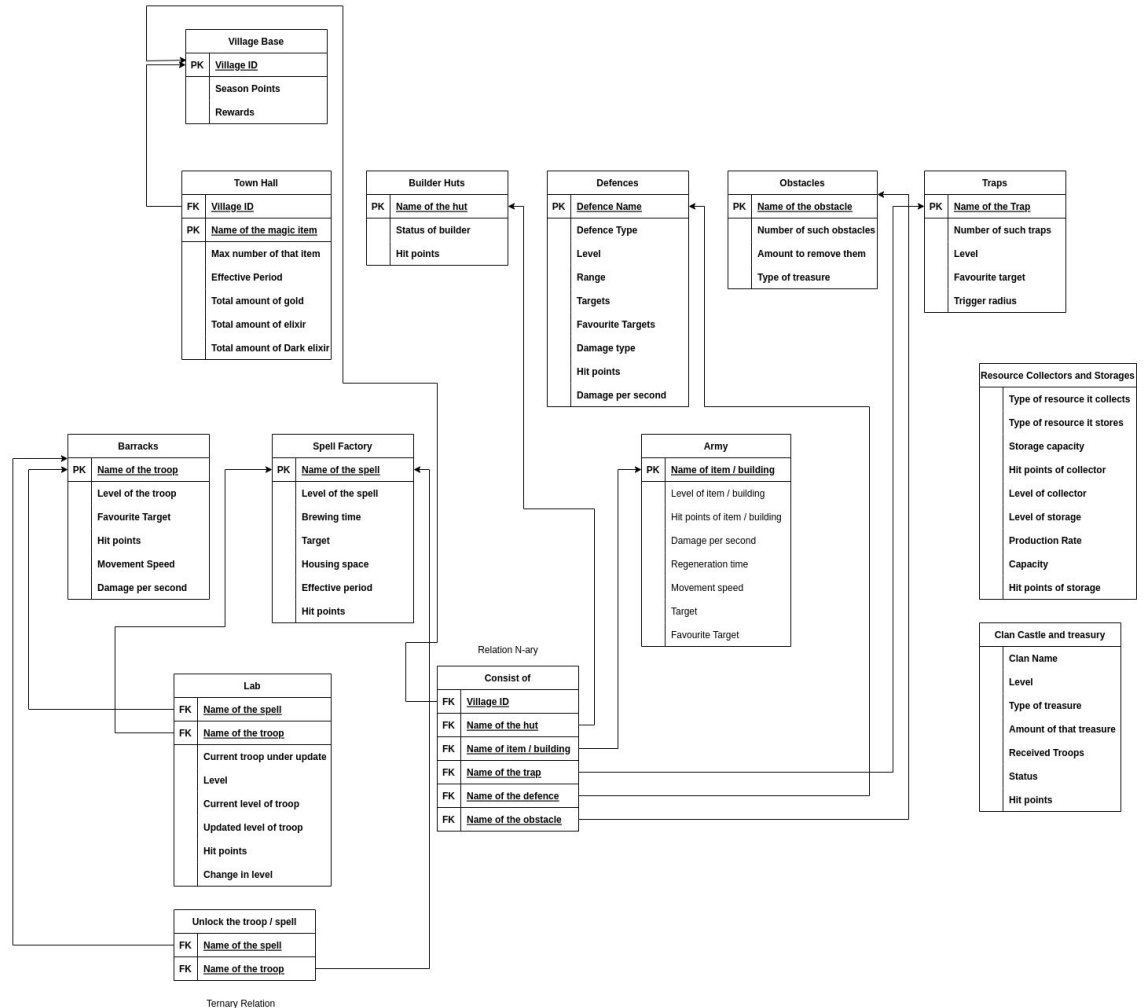


**Mini World of the Project:** Clash of Clans



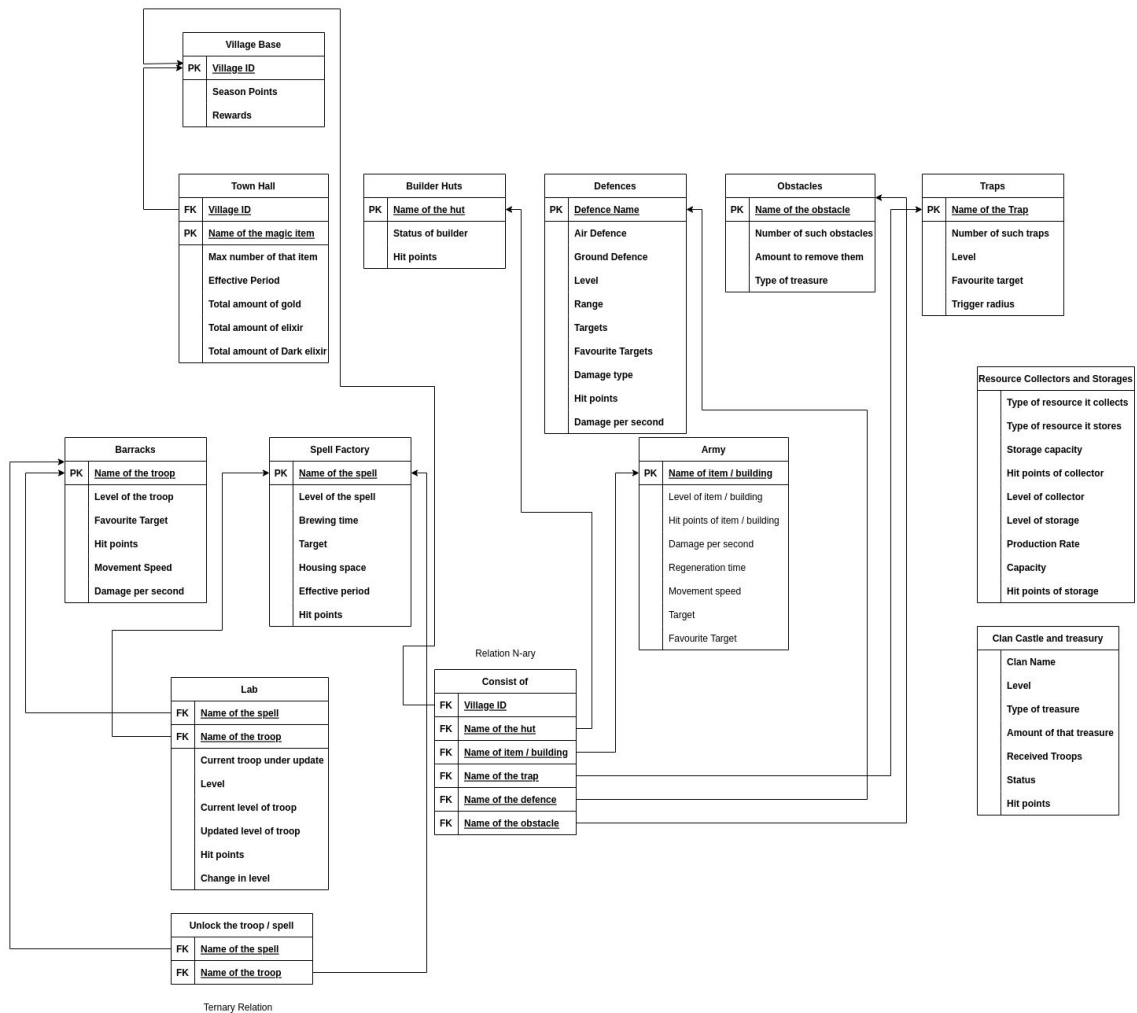
## Step 1: Conversion of ER Model to Relational Model

- All the Entities are mentioned in the table format.
- The relation are established via foreign keys. The relations between 2 strong entities or a strong and weak entities are handled by adding extra attributes.
- That of ternary and N-ary relations are handled with an extra relation table mentioned in the model.



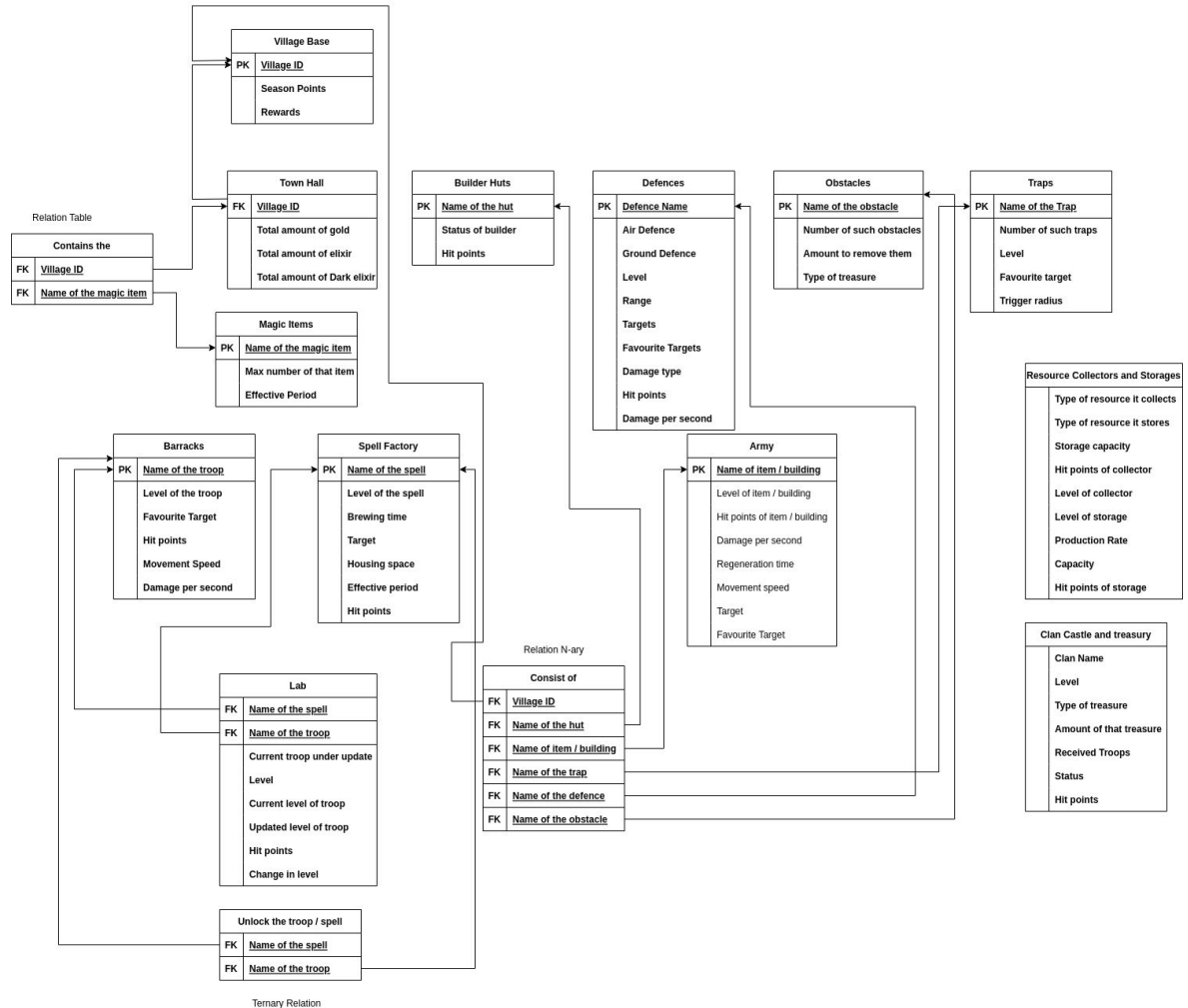
## Step 2: Conversion of the Relational Model to 1NF

- No, major changes were made
- The multivalued attributes are given no chance to occur.



### Step 3: Conversion of Relational Model into 2NF

- The Townhall table has the partial functional dependency.
- Therefore, we split it into two different tables so that they are completely functionally dependent.
- And they have a relation, so a relation table is also created.



## Step 4: Conversion of Relational Model into 3NF

- No changes were made as there are no transitive dependencies in any part

