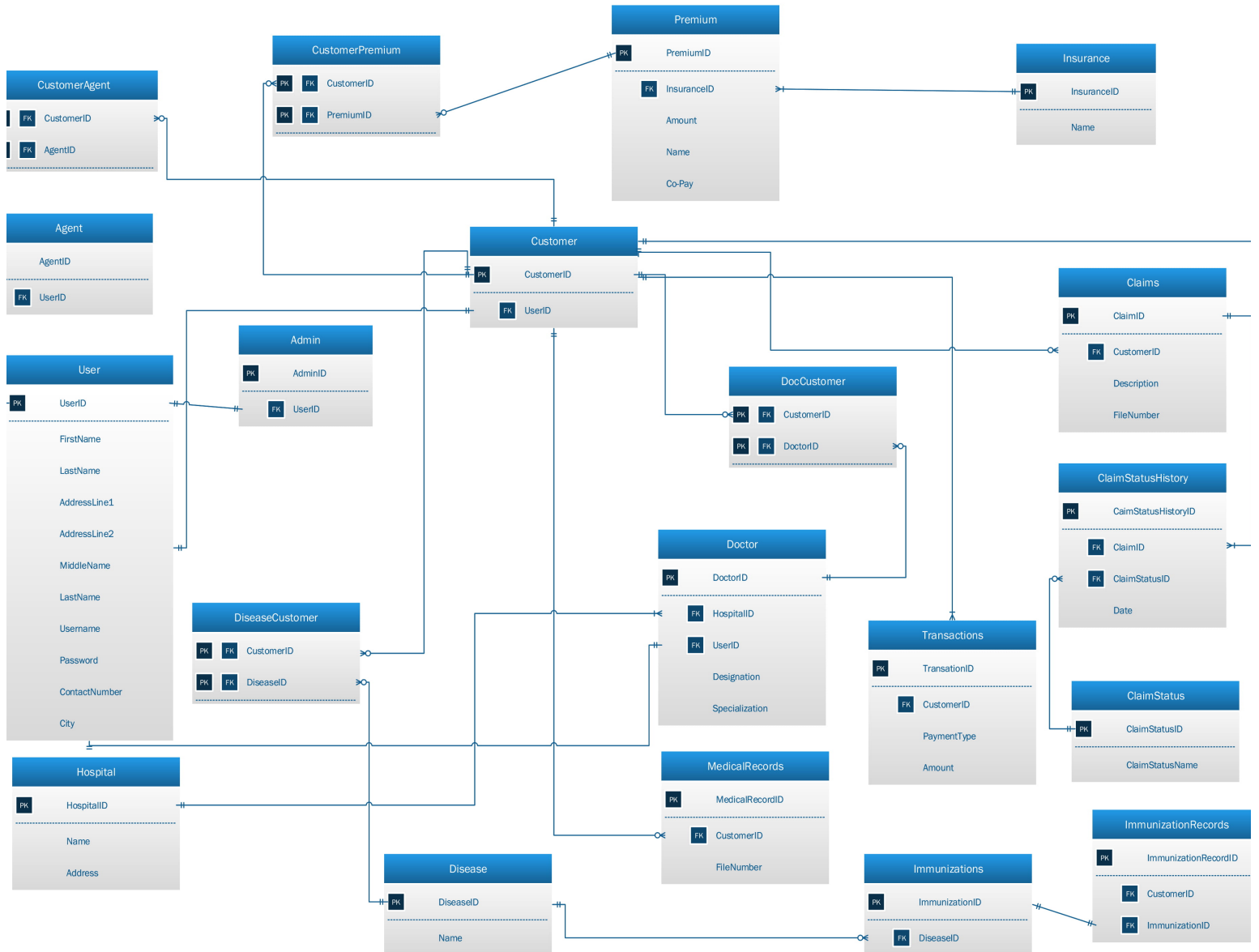


# Healthcare Management System

## Updated ERD



## **Changes Done:**

The following are the changes made to the ERD:

1. The entities are properly connected
2. The primary keys are placed correctly above the PK separator
3. In order to facilitate the option to query the history of the claim status, we added a new entity ClaimStatusHistory (ClaimID, ClaimStatusID, Date). Using this entity, the status of any claim at any given point can be queried and found
4. The mistakes with respect to the crow foot notations are corrected:
  - a. User – Agent – Relationship is corrected to one-to-one (Since one agent can have only one User ID)
  - b. Hospital – Doctor – Relationship is corrected to one-to-many (One hospital can have multiple doctors. We assume that one doctor will be working with only one hospital.)
  - c. Customer – Claims – Relationship is corrected to one-to-many (One customer can have multiple claims, but each claim will be linked to only one customer)