

Project Phase 2 - ER Diagram with updates

Changes:

The following are the changes that we made :-

1. The subclass and superclass were defined incorrectly, and hence the attributes inside the 'Jailer' and the 'Guard' entities are redundant. We removed these redundant attributes.
2. The attribute Did from Department has been removed as it seemed redundant. So Department has been made a weak entity with Jail as its owner and DName has become the partial key. The foreign key in Prisoner(PDid) has been changed to PDName.
3. In the original schema, they have not included the composite and derived attributes with any entity so in the original ER Diagram, we have kept these attributes as free attributes(not attached to any specific entity). In the new schema we add these attributes, attached to the appropriate entity.

Original and updated ER diagrams are attached with this file respectively.



