

CIS 321– Systems Analysis and Design
Assignment 5

Overview:

Consider the following functional dependencies

ApplicantID \rightarrow ApplicantName

ApplicantID \rightarrow ApplicantAddress

PositionID \rightarrow PositionTitle

PositionID \rightarrow DatePositionOpens

PositionID \rightarrow Department

ApplicantID + PositionID \rightarrow DateApplied

ApplicantID + PositionID + DateInterviewed \rightarrow ApplicantID + PositionID + DateInterviewed

Instructions:

1. Represent these attributes with 3NF relations. Show and explain the process taken to achieve 3NF.
(If process is not shown and explained question will receive a grade of 0/50)
 - a. Provide meaningful relation names.
2. Represent these attributes using an ERD. Provide meaningful entity and relationship names.