

Name: _____

QUIZ 30 - ICS 321 Fall 2017

Today we discussed a final database design for the toastmaster's project. The database application creates Toastmaster meeting agendas. The agendas are for meeting dates and contain toastmaster duty assignments and other meeting attributes, such as meeting theme and speech titles.

For Quiz 28 you designed tables for the database and indicated constraints on attributes. Most constraints can be enforced using primary and foreign keys. The constraint where a toastmaster can only be assigned one duty per meeting can be enforced either using an additional relation or with a trigger.

1. Define the additional relation that can be added and used to enforce the constraint and how it is used.

2. Define the trigger that can be used to enforce the constraint.