

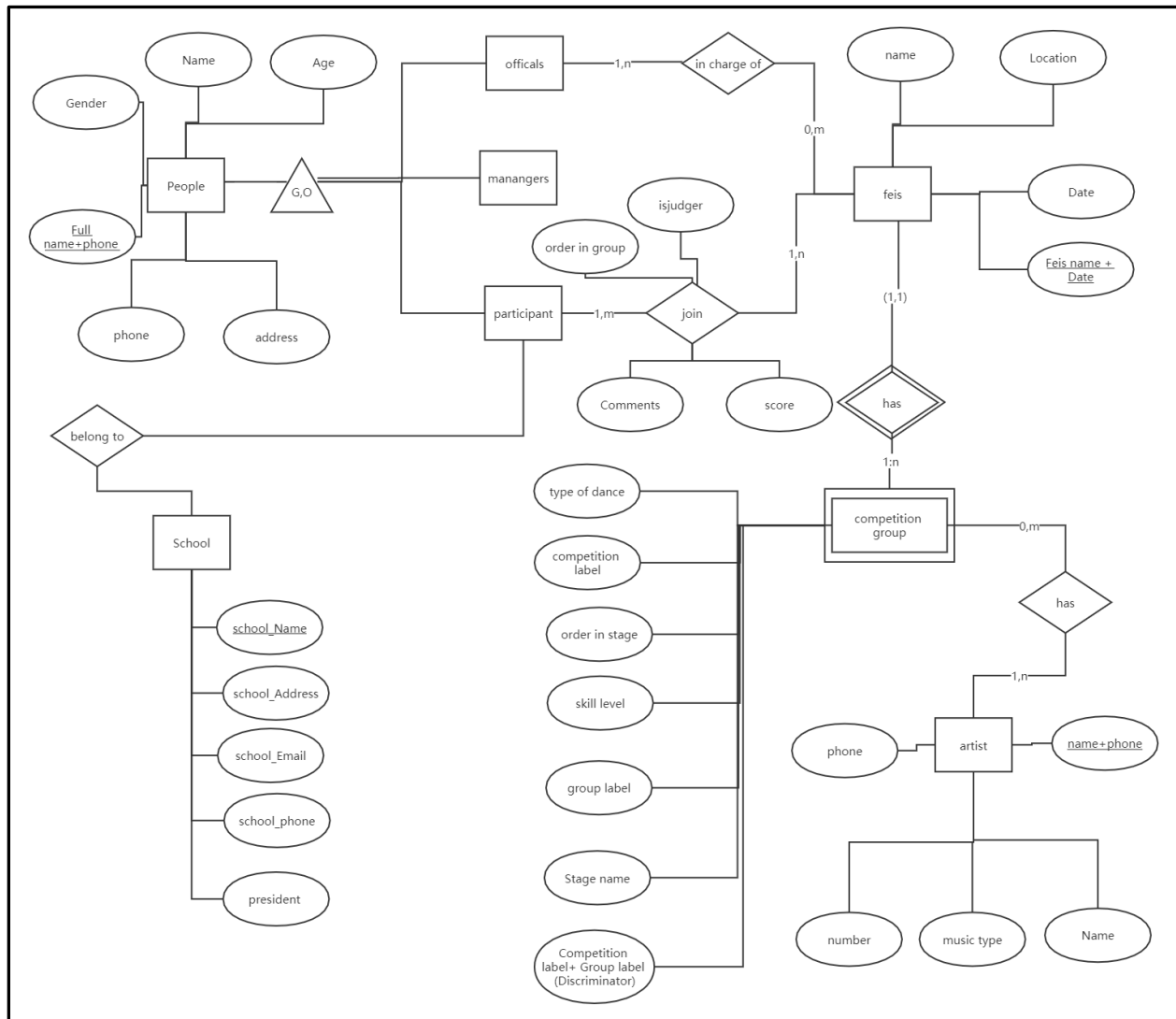
CSCI 511

Assignment 1

Xuezhi Cang Z1747635

Assignment 1 (ERM)

**The ER diagram itself, complete with attributes and cardinality constraints.**



**An entity attribute list briely describing, when necessary, the attributes for each entity. Try to have at least 5 attributes per entity, although this will not be reasonable for some entities.**

Entity	Attributes
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User	<u>Full name+phone (Identifier)</u> Full name Phone Address Age Gender
Official	Level of official
Manager	Level of Manager
Participant	Levels of
Feis	<u>Feis name + Date</u> Feis name Location Date
competition group	<u>Competition label+ Group label (Discriminator)</u> Skill level Type of dance Stage name Competition label Group label Order in the stages
School	<u>School's name (Identifier)</u> Address of school Email of school Phone of school president of school
artist	<u>Name+phone</u> Name Phone Type of music

**A list of relationship attributes and their descriptions. (NOTE: NOT all relationships will have attributes.**

relationship attributes	descriptions
Order in group	Order in group
Score	Score of participant in the competition
Comments	Comments of participant in the competition
isJudger	Whether the people is the Judger

**A list of assumptions you have made in order to make the diagram.**

A user of this system could be official, manger or participant. One user could act several roles.

Every user has a phone number. Although users may have the same name, the name+phone is unique and can be the identifier key.

The same competition is hold in the same stage. Even if one competition may has several groups, the groups in the same competition performs on the same stage.