

Summer Martin, Lalim Bhola, Kyla Ramos, Jared Schmidt, Aly Maahs  
Group 3

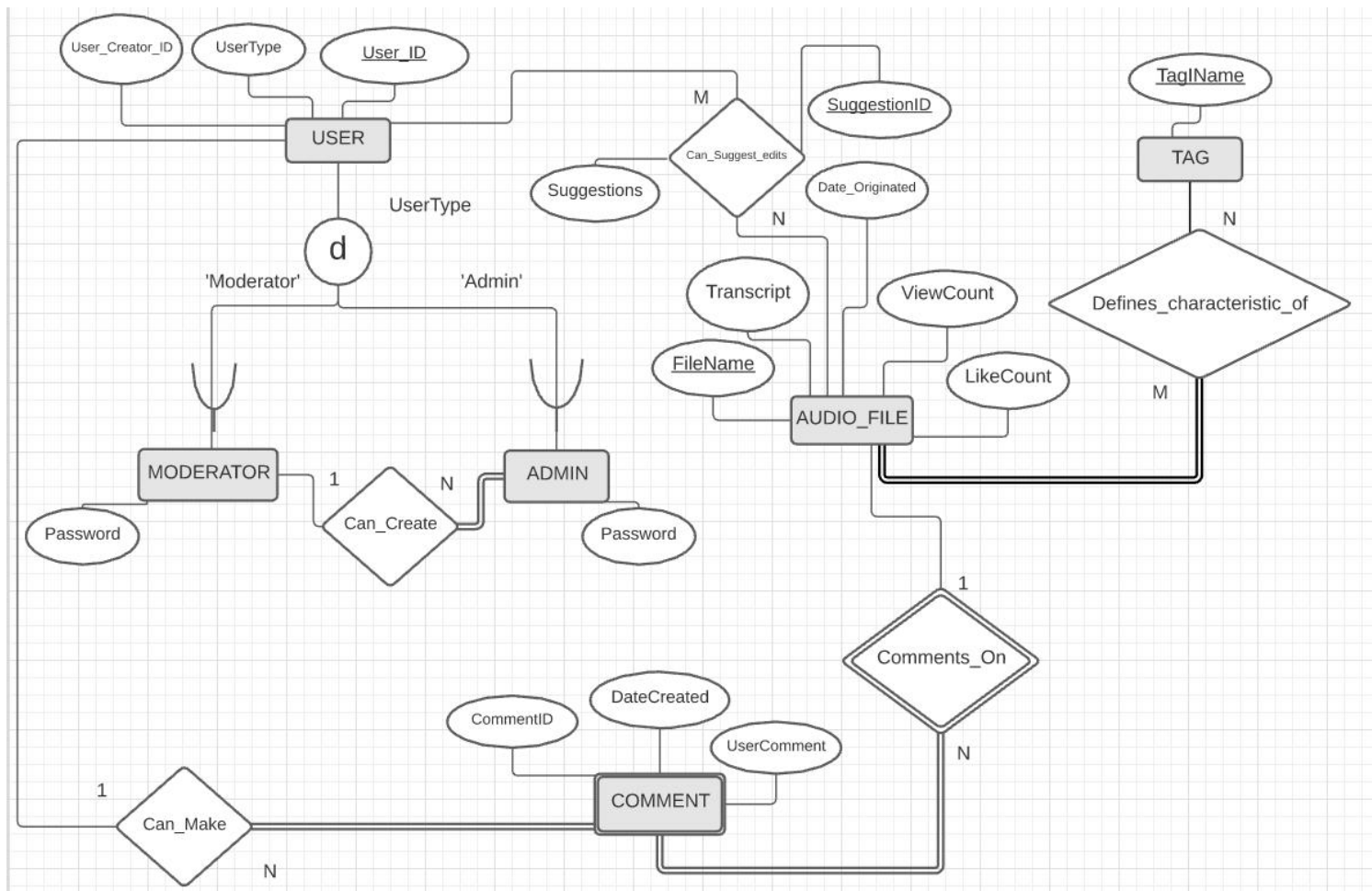
Project: Audio-Transcript Database Implementation

Stage III – Elaboration: Database Model

- Initial database size (approximate number of records)
  - About 74 audio files
- Types and average number of searches
  - Types of Searches
    - Location
    - Religion
    - Year
    - Name
  - Average number of searches
    - Maximum of 25 queries per day, most likely around an average of 10-15 queries

Relationships:

- Users CAN MAKE Comment
  - 1:N
- Comment COMMENTS ON Audio\_File
  - 1:N
- Users CAN SUGGEST EDITS ON Audio\_File
  - M:N
- Admins CAN CREATE A Moderator
  - N:1
- Tag DEFINES CHARACTERISTIC OF Audio\_File
  - M:N



### AUDIO\_FILE

<u>FileName</u>	Transcript	Date_Originated	ViewCount	LikeCount
-----------------	------------	-----------------	-----------	-----------

### TAG

<u>TagName</u>
----------------

### USER

<u>User_ID</u>	Password	UserType	User_Creator_ID
----------------	----------	----------	-----------------

### COMMENT

<u>CommentID</u>	UserComment	DateCreated	User_ID	FileName
------------------	-------------	-------------	---------	----------

### DEFINES\_CHARACTERISTIC\_OF

<u>FileName</u>	<u>TagName</u>
-----------------	----------------

### CAN\_SUGGEST\_EDITS

FileName	User_ID	Suggestion	<u>SuggestionID</u>
----------	---------	------------	---------------------

