

Step 1: Regular entity types

USER
♦ <u>User_ID</u>
• Last_Access
• Disp_Name
◦ Web_Page
• Age

POST
♦ <u>Post_ID</u>
• Text
• Title
• Comment_Count
• Vote_Count

TAG
♦ <u>Tag_Name</u>
• Definition

ANSWER
♦ <u>Post_ID</u>

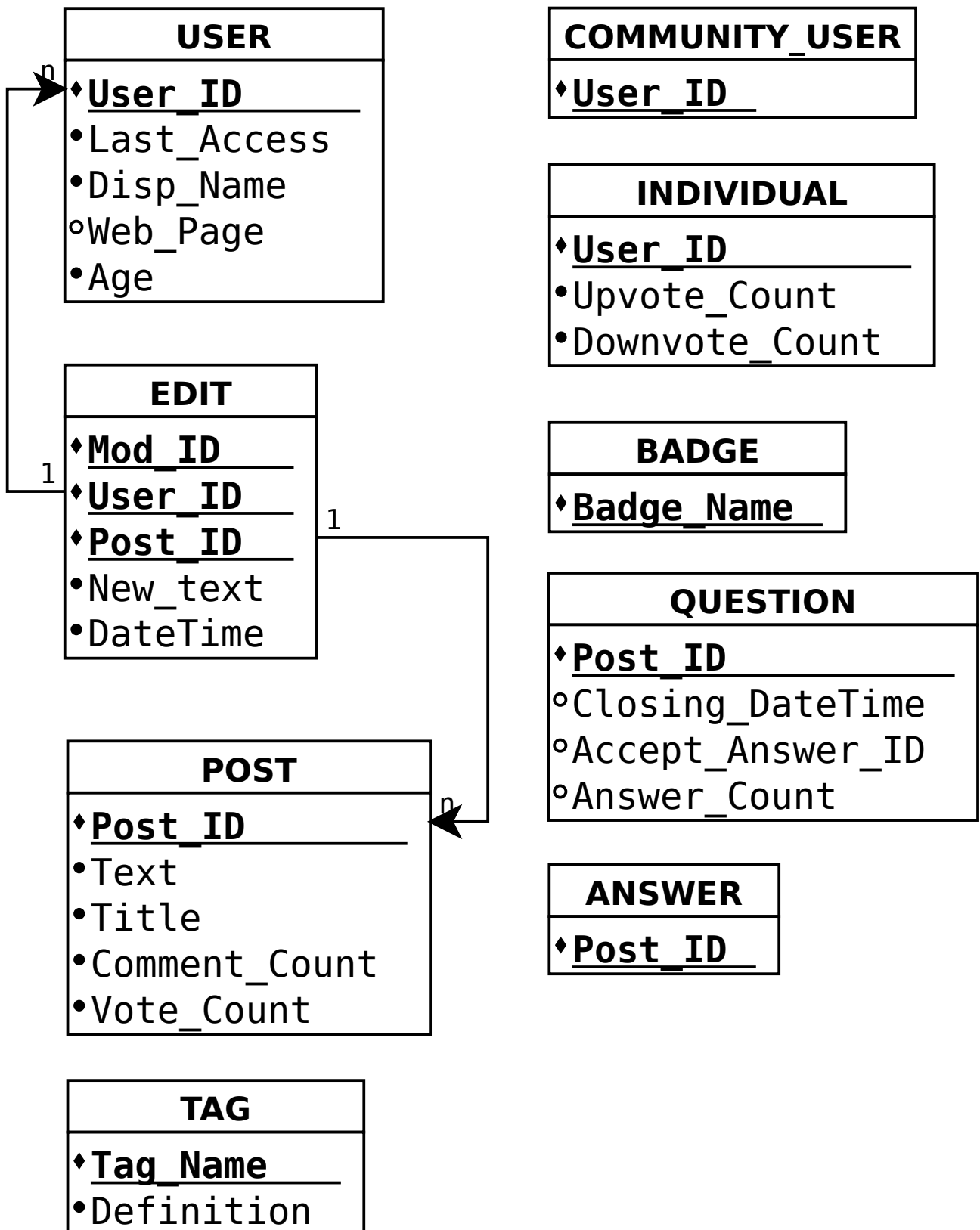
COMMUNITY_USER
♦ <u>User_ID</u>

INDIVIDUAL
♦ <u>User_ID</u>
• Upvote_Count
• Downvote_Count

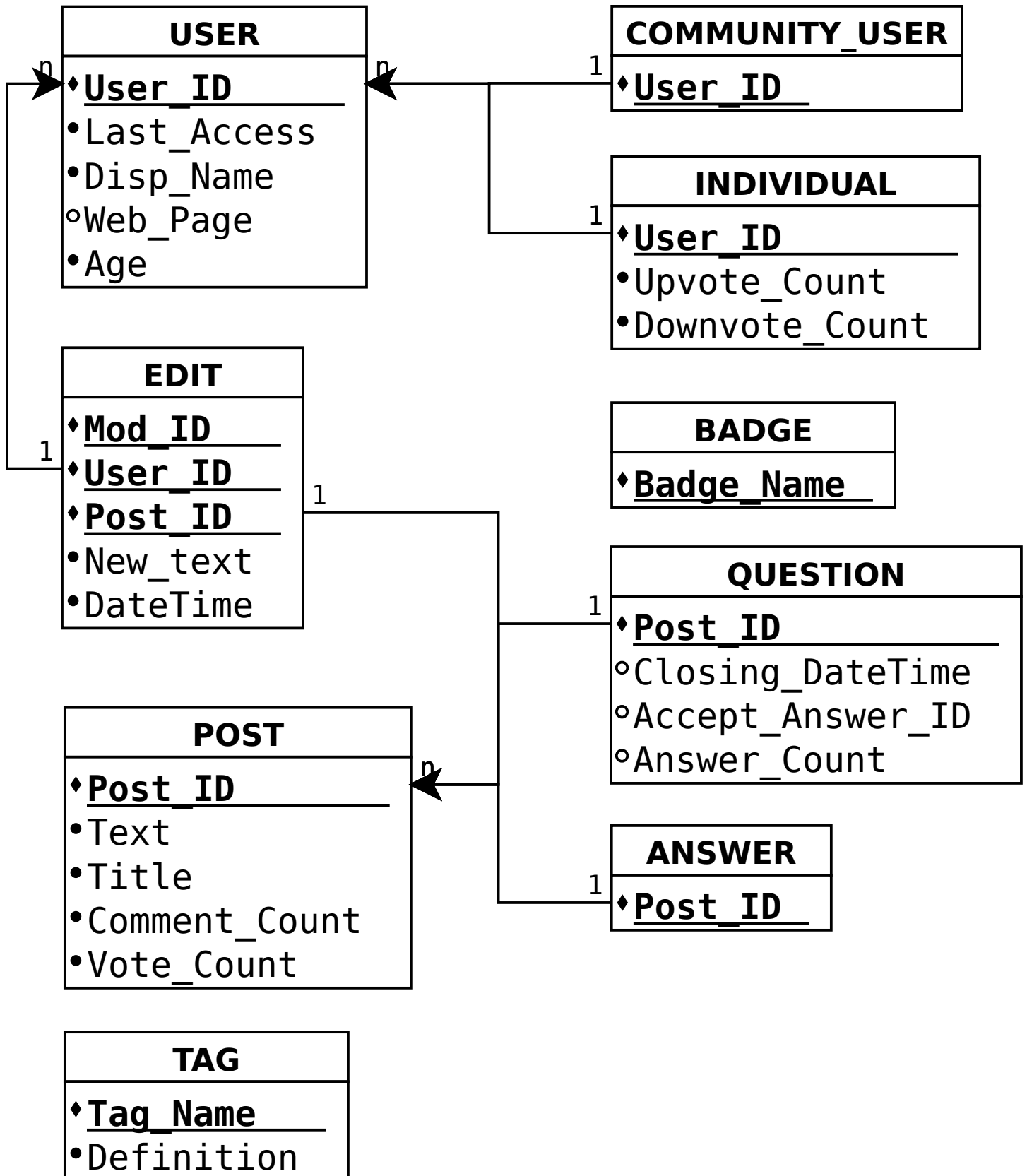
BADGE
♦ <u>Badge_Name</u>

QUESTION
♦ <u>Post_ID</u>
◦ Closing_DateTime
◦ Accept_Answer_ID
◦ Answer_Count

Step 2: Weak entity types



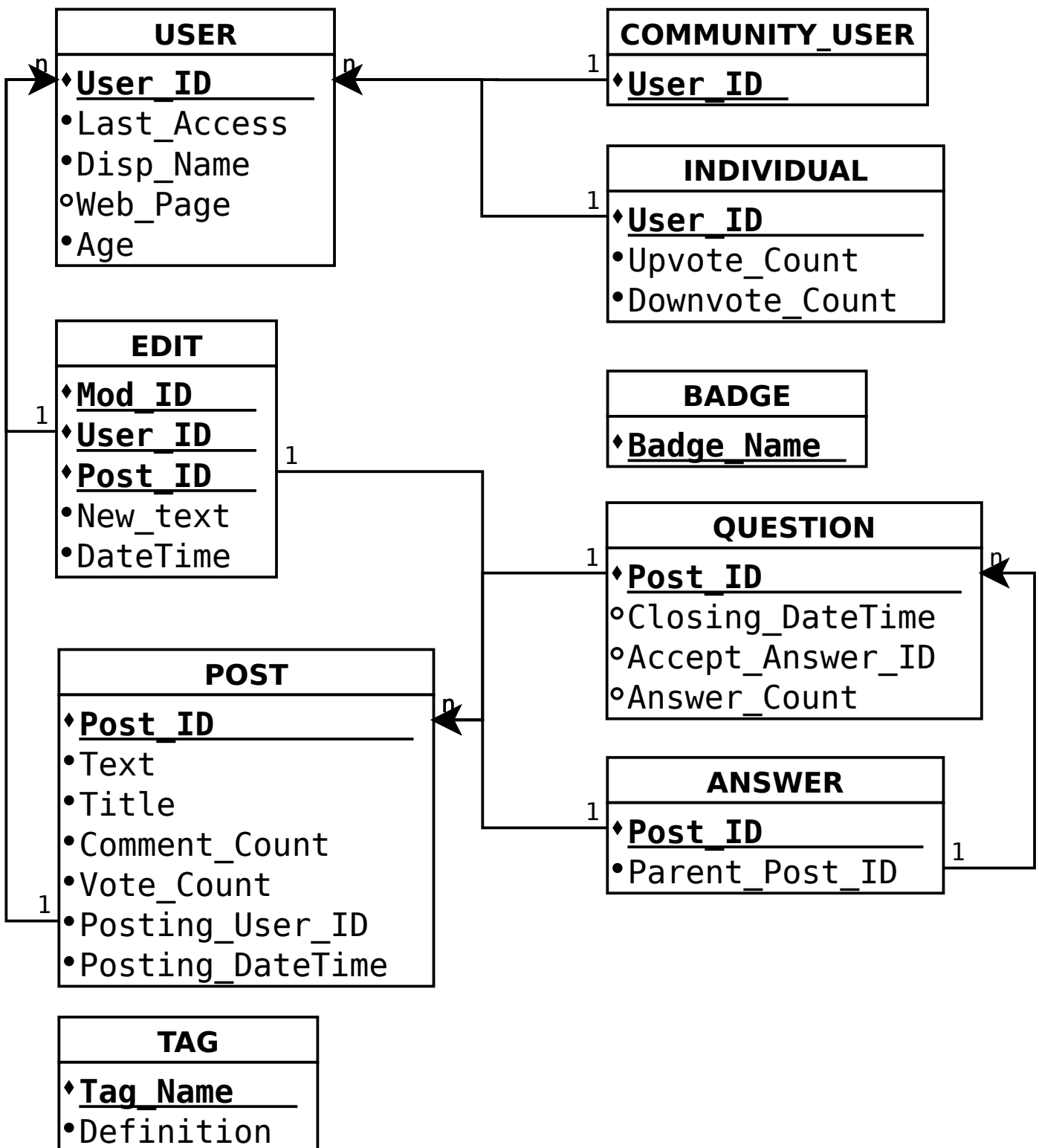
Step 3: Sub-/Superclass relationship



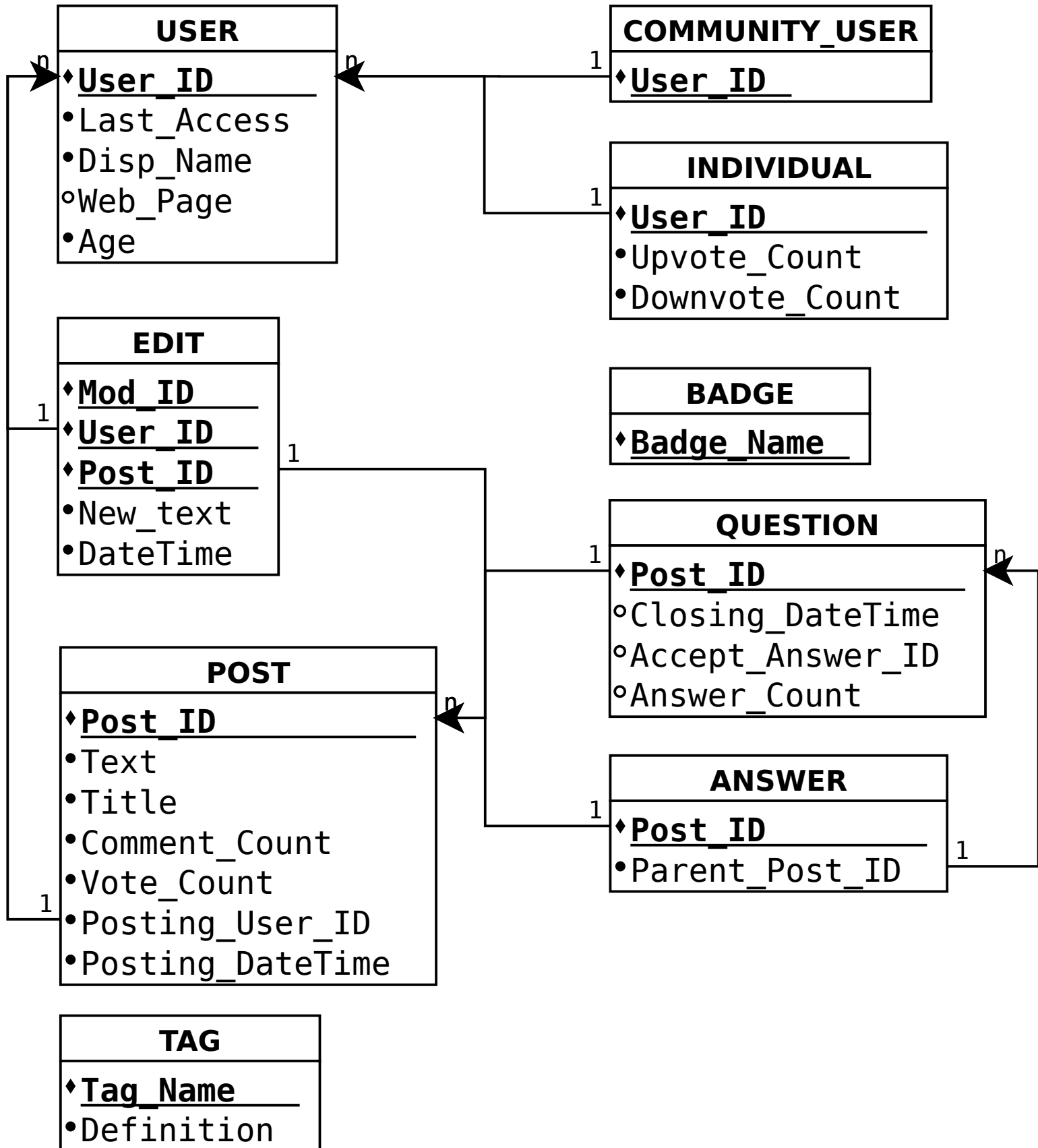
Step 4: 1:1 relationships

There are no 1:1 relationships

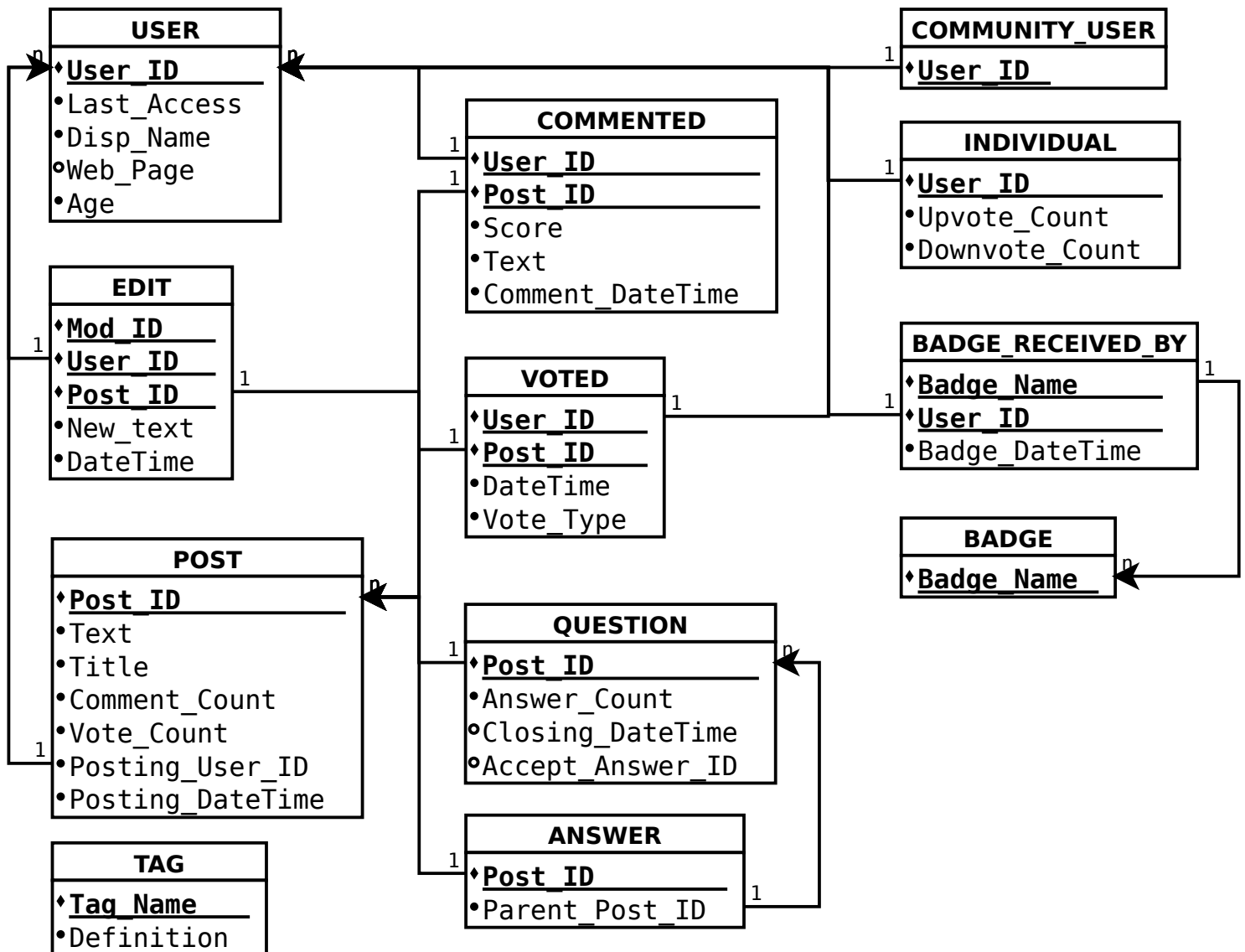
Step 5: 1:N relationships



Step 5: 1:N relationships



Step 6: N:M relationships



Step 7: Multivalued attributes

There are no multivalued attributes.

Step 8: N-ary relationships

