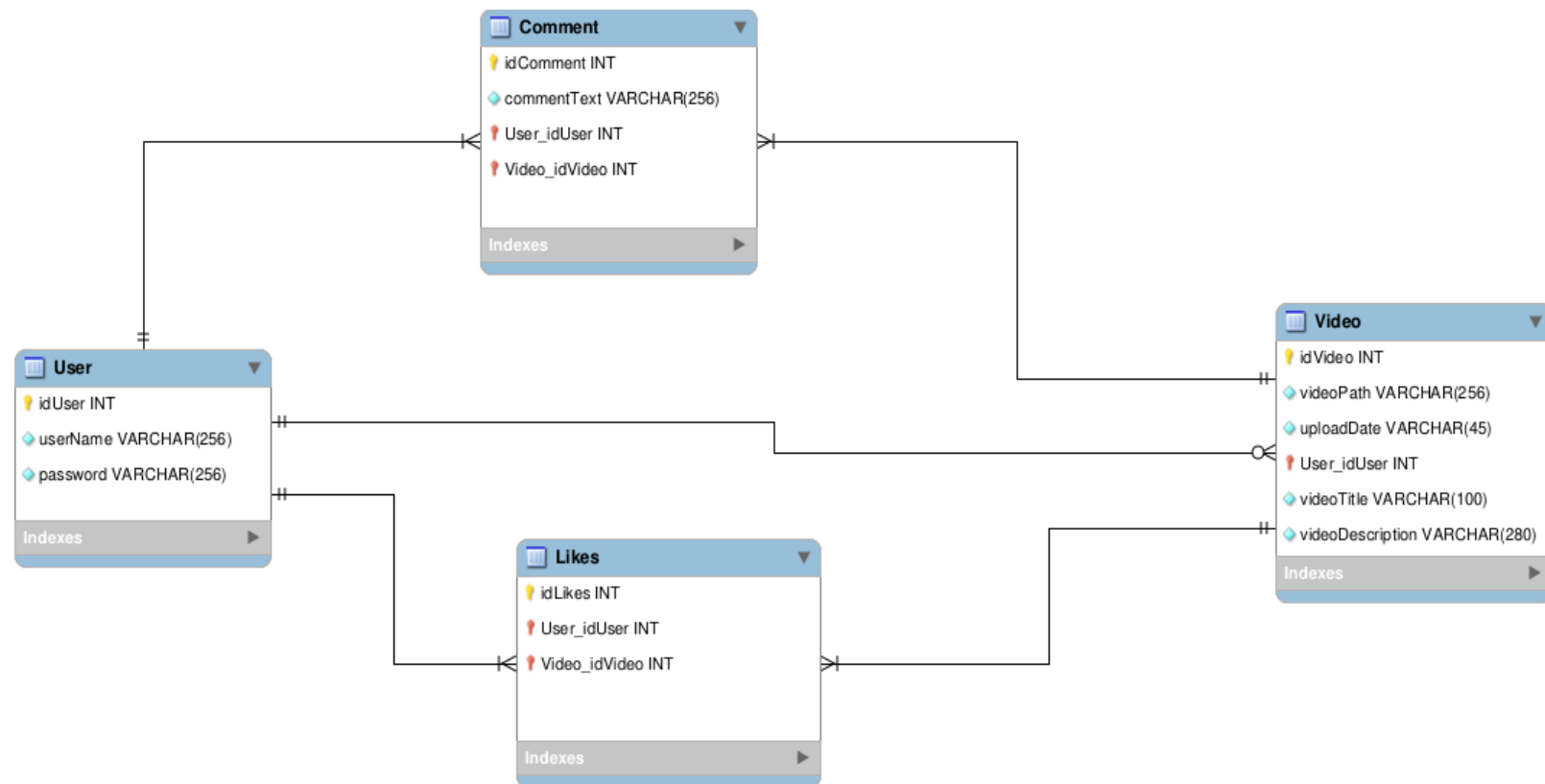


CS3103 PROJECT B DATABASE DESIGN

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A user entity can upload zero or many videos.

A video belongs to only one user.

A user can have many likes.

A single like can only be made by one user.

A video can have many likes.

Only a single like can be made by a user on a video.

A user can make many comments.

A video can have many comments.

A comment can only belong to one user.

A comment can only be on one video.

Procedures to implement:

Procedure name	Functionality
getVideo(videoName, videoId)	Lets you get the required video from the path
getLikeCount(videoId)	Gets the number of likes on a video
getVideoList(userId)	Gets all the videos of a user
getCommentsList(videoId)	Gets all the comments on a video
getUserofVideo(videoId)	Gets the user that made the video
getLikedVideos(userId)	Gets all the videos liked by the user
getVideoDescription(videoId)	Get the description of a video
searchVideo(keywords)	Get a list of videos based on keywords
uploadVideo(userId, videoTitle, videoDescription, videoPath)	Upload a new video for a user
deleteVideo(videoId)	Delete a video
WriteComment(userId, videoId, commentText)	Write a comment
deleteComment(videoId, userId)	Delete a comment
likeVideo(videId, userId)	User likes a video
createUser(userName, password)	Create a new user
removeLike(userId, videoId)	Delete a like entry
changeVideoDescription(videoId)	Change the description on a video
changeVideoTitle(videoId)	Change the title of a video
editComment(userId, videoId)	Edit the text of a comment
changePassword(userId, userName, userPassword)	Change user's password
changeUserName(userId, userPassword)	Change user's username