Database Choice

For My Meme generator web Application, I have chosen to do my database in Microsoft
SQL Database storage. Because the kind of data I will be storing for my web application
is normalized data, and also have one or two tables that are many to many
relationships. I choose Microsoft SQL because I am more familiar with it than other
database storage software.

Data Types and Table Structure.

In my database, there are three main data types: String, Numeric, and date. For my
database table structure, I have condensed my data from five to three tables. Table 1 is
the user's table; this is where all user info will be stored. Table 2 is the memes table.
This is where all the memes will store and pulled from. Table 3 is the accounts table.
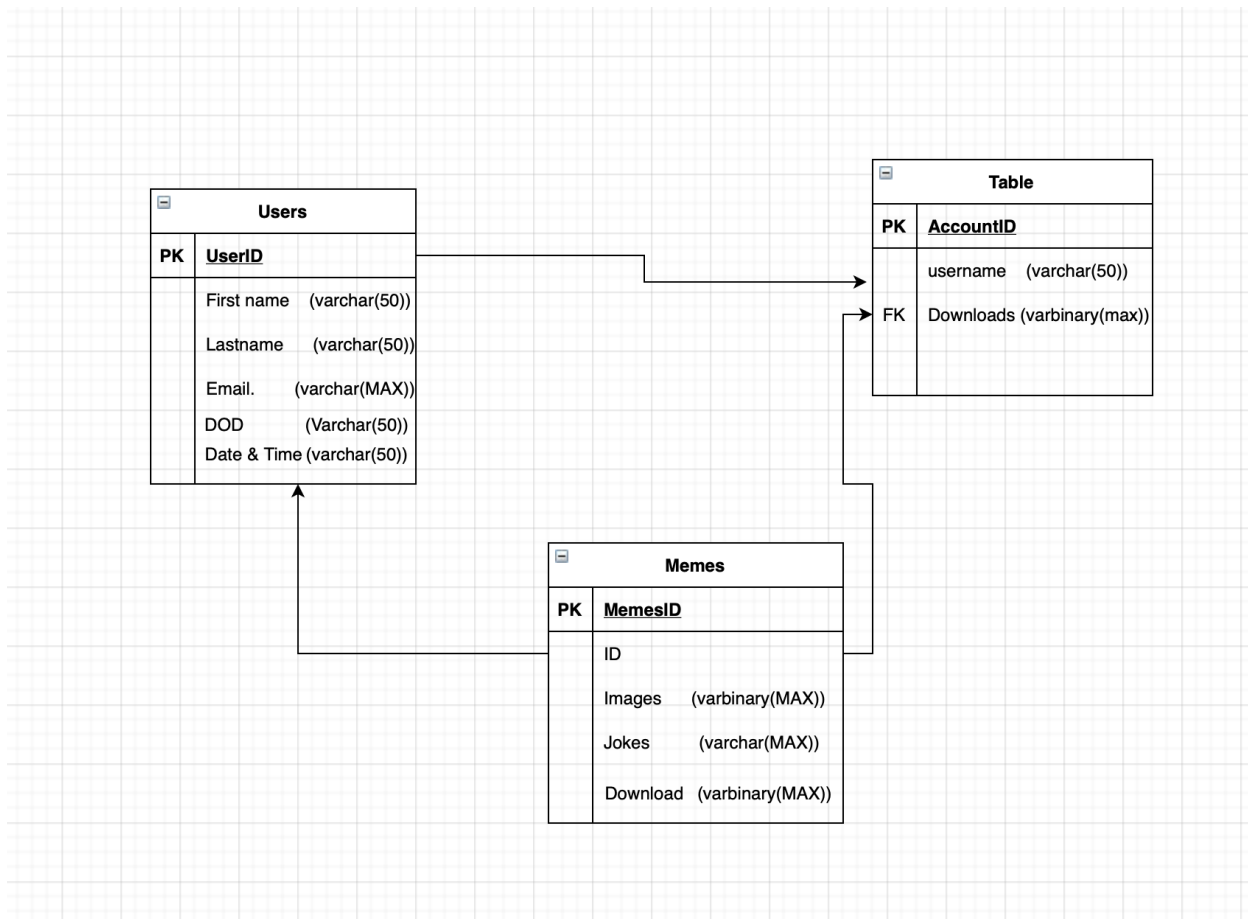This is where the user can save their favorite memes.

	Users	
PK	**UserID**	
	First name	(varchar(50))
	Lastname	(varchar(50))
	Email.	(varchar(MAX))
	DOD	(Varchar(50))
	Date & Time	(varchar(50))

	Table	
PK	**AccountID**	
	username	(varchar(50))
FK	Downloads	(varbinary(max))

	Memes	
PK	**MemesID**	
	ID	
	Images	(varbinary(MAX))
	Jokes	(varchar(MAX))
	Download	(varbinary(MAX))

Table	Purpose
User	The users table is where all the user info will be stored—information such as their first name, last name, email, and Date of Birth.
Meme	The table will be consisted of the memes that are to be generated by the meme generator.
Account	All the user account will be stored at this table. This table will contain all the usernames and the memes downloaded by the user.

 I eliminated the Register and login table because I want users to interact with the web application freely without the need of logging in.