CSCE 310 FINAL PROJECT REPORT

Group 25

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Key Changes
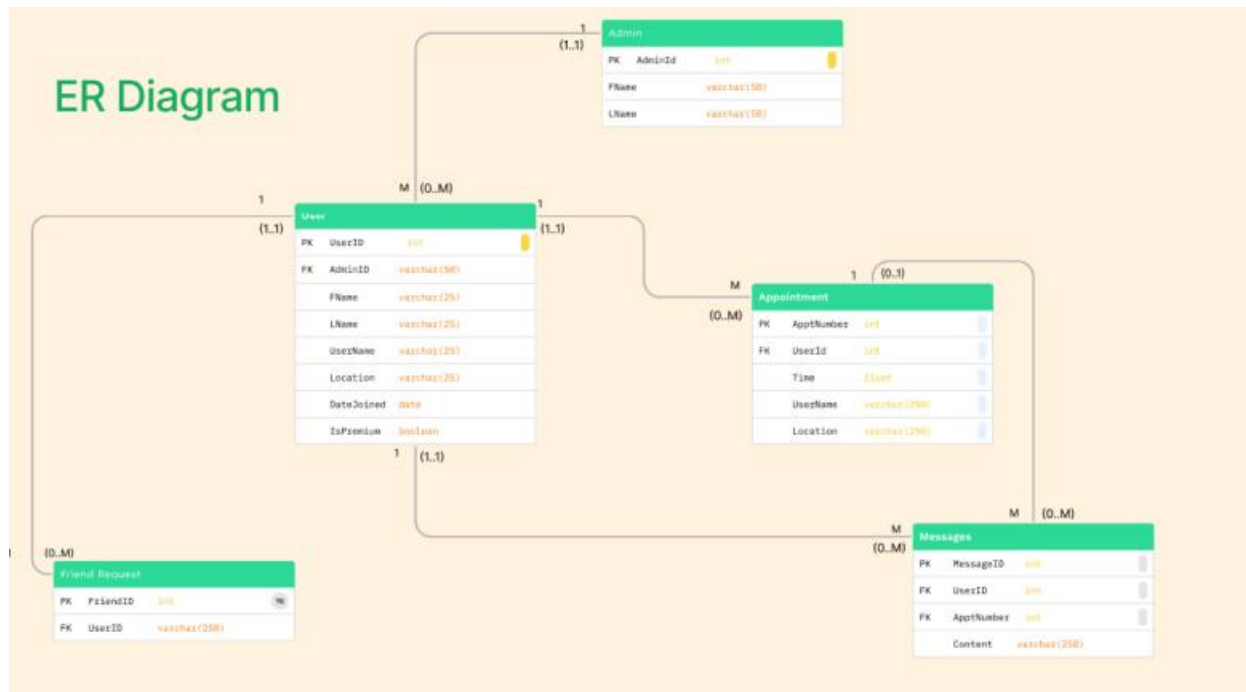
Our group has made several notable changes to the design of our database and website from what we previously envisioned. First, the User table has had changes to its attributes: the foreign key we had before that pointed to an Admin entity was replaced by a Boolean value – simply IsAdmin which behaves similarly to the way we envisioned the IsPremium attribute to function. Obviously, with no more use for that foreign key, we scrapped the Admin entity and relied solely on the User table. This approach proved to be much cleaner and simplistic, allowing us to implement our assigned functionalities with far more ease. Changes were made to the Message table, too. Previously, we only had one foreign key pointing to a User for any given Message. This was a mistake, as our application requires both a sender and a receiver. These attributes were adjusted accordingly, along with the deletion of the AppointmentID foreign key. Tying each message together with an appointment was a burdensome and unnecessary task that we felt would add clunkiness to the site for an eventual end user. Beyond these changes, our appointment table was also altered. Similar to the message entities, we realized that we needed each appointment to store both the sender and receiver. We also did away with the unnecessary UserName attribute. As far as the FriendRequest table we had before, we decided to change our approach for the 'item' requirement of the project and instead go with a post entity.
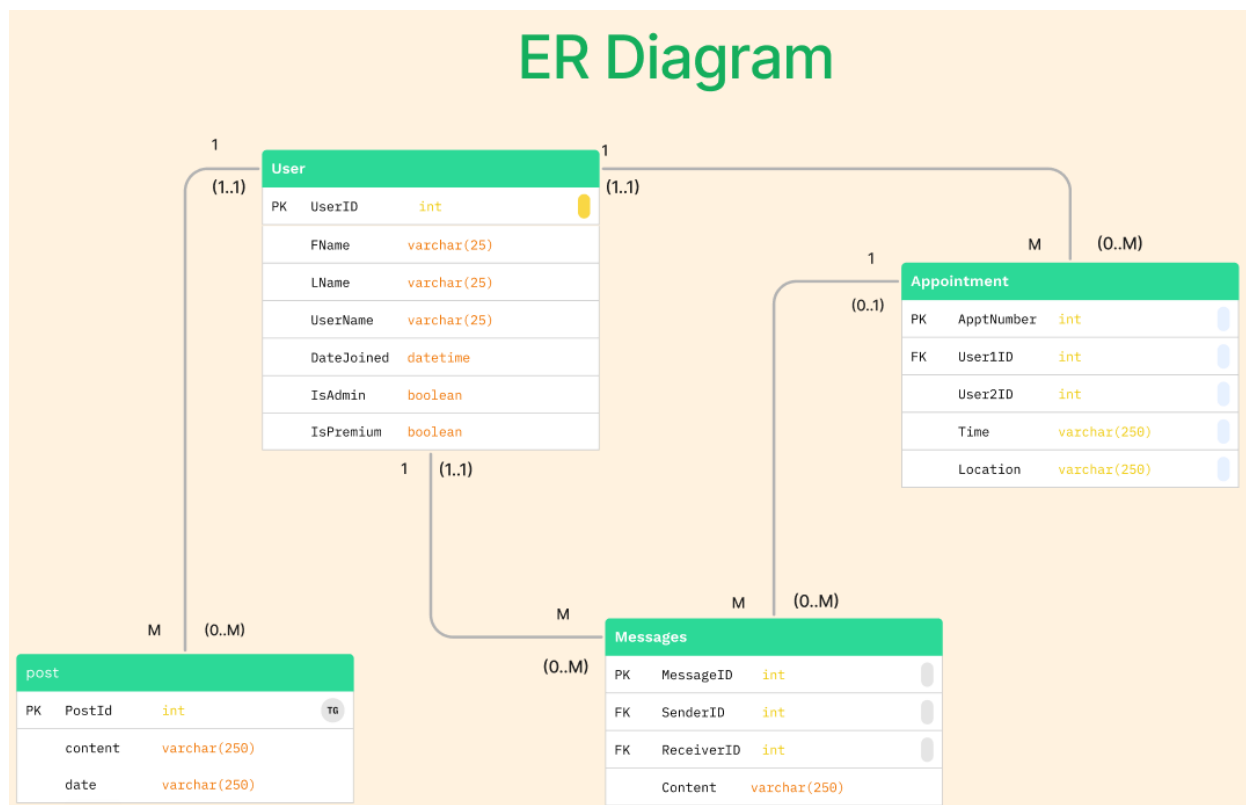
To demonstrate all recent changes made, we included the ERD submitted for the Final Project Database Design assignment followed by the current ERD we are using today.

Previous Design

Current Design

File & Project Contributions

File Name	Completed By
index.php	Hayden Moore
inbox.php	Hayden Moore
message.php	Hayden Moore
update_message.php	Hayden Moore
profile.php	Vaardan Kola
registration.php	Vaardan Kola
update_profile.php	Vaardan Kola
delete_profile.php	Vaardan Kola
blog.php	Fisher Byers
update_blog.php	Fisher Byers
delete_blog.php	Fisher Byers
display_blog.php	Fisher Byers
appointments.css	Isabelle Rhoads
create_appointment.php	Isabelle Rhoads
delete_appointment.php	Isabelle Rhoads
update_appointment.php	Isabelle Rhoads
projectReport.pdf	All

Functionality	Completed By
Functionality 1	Vaardan Kola
Functionality 2	Isabelle Rhoads
Functionality 3	Fisher Byers
Functionality 4	Hayden Moore