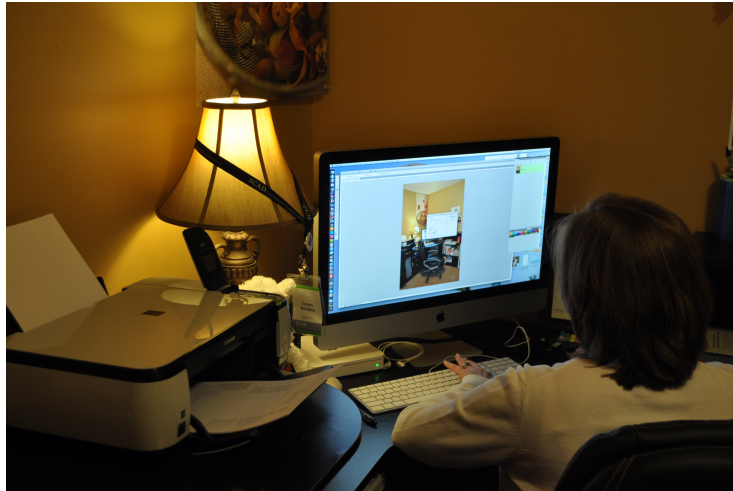


DATABASE DESIGN



STUDY CONDUCTOR:

Tammy Hotchkiss

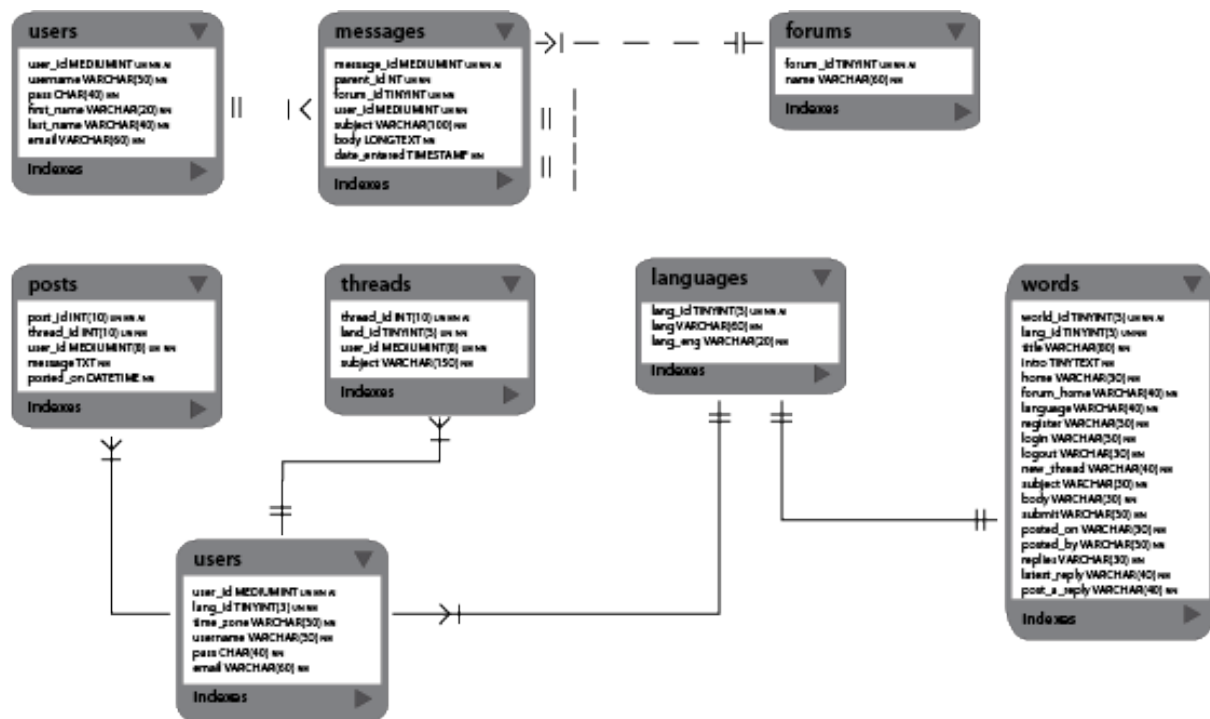
Database Design

Project: PORTFOLIO WEBSITE

Database Design:

The database I will be creating is a "message board" type database where a visitor can either start a new topic or be in response to an existing one. The information collected will be stored into a database and then displayed on a page when called. The information will be a comments section for them to comment on their opinions of my artwork. This information would be gathered and placed into the database. I would then be able to retrieve their comments and review their remarks from the database through a retrieval form. The information would be retrieved and then displayed for me to review.

Entity-Relationship Diagram:



Indexes - USERS

user_id MEDIUMINT UN NN AI
lang_id TINYINT(3) UN NN
time_zone VARCHAR(30) NN
username VARCHAR(30) NN
pass CHAR(40) NN
email VARCHAR(60) NN

Indexes - MESSAGES

message_id MEDIUMINT UN NN AI
parent_id INT UN NN
forum_id TINYINT UN NN
user_id MEDIUMINT UN NN
subject VARCHAR(100) NN
body LONGTEXT NN
date_entered TIMESTAMP NN

Indexes - FORUMS

forum_id TINYINT UN NN AI
name VARCHAR(60) NN

Indexes - POSTS

post_id INT(10) UN NN AI
thread_id INT(10) UN NN
user_id MEDIUMINT(8) UN NN
message TEXT NN
posted_on DATETIME NN

Indexes - THREADS

thread_id INT(10) UN NN AI
lang_id TINYINT(3) UN NN
user_id MEDIUMINT(8) UN NN
subject VARCHAR(150) NN

Indexes - LANGUAGES

lang_id TINYINT(3) UN NN AI
lang VARCHAR(60) NN
lang_eng VARCHAR(20) NN

Indexes - USERS

user_id MEDIUMINT UN NN AI
username VARCHAR(30) NN
pass CHAR(40) NN
first_name VARCHAR(20) NN
last_name VARCHAR(40) NN
email VARCHAR(60) NN

Indexes - WORDS

world_id TINYINT(3) UN NN AI
lang_id TINYINT(3) UN NN
title VARCHAR(80) NN
intro TINYTEXT NN
home VARCHAR(30) NN
forum_home VARCHAR(40) NN
language VARCHAR(40) NN
register VARCHAR(30) NN
login VARCHAR(30) NN
logout VARCHAR(30) NN
new_thread VARCHAR(40) NN
subject VARCHAR(30) NN
body VARCHAR(30) NN
submit VARCHAR(30) NN
posted_on VARCHAR(30) NN
posted_by VARCHAR(30) NN
replies VARCHAR(30) NN
latest_reply VARCHAR(40) NN
post_a_reply VARCHAR(40) NN