1   Database Table Design

(a) **Design database tables for your project** Your website project is required to use your MySQL database on webdev (or equivalent if you're hosting elsewhere). You must design any tables your project will need. These tables will be used for inserting, selecting, updating, and deleting all dynamic data on your website. Among these tables will include a "user" table for storing users, passwords, permissions, etc. You will then create tables from within the mysql prompt, or from a .sql file. This assignment will require that you turn working SQL table schema definitions.

Example ckenning.sql file contents:

```
CREATE TABLE user (
  email VARCHAR(256) NOT NULL PRIMARY KEY,
  password VARCHAR(64) NOT NULL,
  access INTEGER(1)
);

... additional tables to create ...
```

(b) **Requirements** Design each table and associated columns you plan on using for your project. I recommend a < youruser.sql > file that can be executed against a MySQL database instance. Print the contents of this .sql file and turn in a hard copy.

It should contain any necessary tables, columns with meaningful names, proper data types and sizes, and any necessary constraints (primary keys, etc.) It is possible that you will change the table definitions as your start using your tables later on, but the initial design should be sound.

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