```
CREATE DATABASE wordZoo;



CREATE TABLE school (
        school_id INT NOT NULL PRIMARY KEY AUTO_INCREMENT,
        school_name VARCHAR(50) NOT NULL UNIQUE,
        address VARCHAR(255),
        postcode VARCHAR(8),
        phone_number VARCHAR(13) NOT NULL UNIQUE
);

CREATE TABLE teacher (
        teacher_id INT NOT NULL PRIMARY KEY AUTO_INCREMENT,
        school_id INT NOT NULL,
        first_name VARCHAR(50) NOT NULL,
        last_name VARCHAR(50) NOT NULL,
        FOREIGN KEY (school_id) REFERENCES school(school_id)
);

CREATE TABLE login (
        teacher_id INT NOT NULL,
        email VARCHAR(50) NOT NULL UNIQUE,
        salt VARCHAR(50) NOT NULL UNIQUE,
        hash VARCHAR(255) NOT NULL UNIQUE,
        FOREIGN KEY (teacher_id) REFERENCES teacher(teacher_id)
);

CREATE TABLE student (
        student_id INT NOT NULL PRIMARY KEY AUTO_INCREMENT,
        teacher_id INT NOT NULL,
        name VARCHAR(50) NOT NULL UNIQUE,
        FOREIGN KEY (teacher_id) REFERENCES teacher(teacher_id)
);

CREATE TABLE game (
        game_id INT NOT NULL PRIMARY KEY AUTO_INCREMENT,
        type VARCHAR(12) NOT NULL,
        name VARCHAR(50) NOT NULL UNIQUE
);


CREATE TABLE session_history (
        session_history_id INT NOT NULL PRIMARY KEY AUTO_INCREMENT,
        teacher_id INT NOT NULL,
        timedate DATETIME DEFAULT CURRENT_TIMESTAMP,
        FOREIGN KEY (teacher_id) REFERENCES teacher(teacher_id)
);
```

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CREATE TABLE word (
        word CHAR(12) NOT NULL PRIMARY KEY,
        length INT NOT NULL,
        num_vowels INT NOT NULL,
        num_syllables INT NOT NULL,
        age INT NOT NULL,
        frequency INT NOT NULL
);

CREATE TABLE connection (
        word_A CHAR(12) NOT NULL,
        word_b CHAR(12) NOT NULL,
        weight INT NOT NULL,
        FOREIGN KEY (word_a) REFERENCES word(word),
        FOREIGN KEY (word_b) REFERENCES word(word)
);
```

```
CREATE TABLE session_lion (
        student_id INT NOT NULL,
        session_history_id INT NOT NULL,
        score INT NOT NULL,
        incorrect CHAR(50) NOT NULL,
        timedate DATETIME DEFAULT CURRENT_TIMESTAMP,
        FOREIGN KEY (student_id) REFERENCES student(student_id),
        FOREIGN KEY (session_history_id) REFERENCES session_history(session_history_id)
);

CREATE TABLE session_zebra (
        student_id INT NOT NULL,
        session_history_id INT NOT NULL,
        score INT NOT NULL,
        incorrect CHAR(50) NOT NULL,
        timedate DATETIME DEFAULT CURRENT_TIMESTAMP,
        FOREIGN KEY (student_id) REFERENCES student(student_id),
        FOREIGN KEY (session_history_id) REFERENCES session_history(session_history_id)
);

CREATE TABLE session_owl (
        student_id INT NOT NULL,
        session_history_id INT NOT NULL,
        score INT NOT NULL,
        incorrect CHAR(50) NOT NULL,
        timedate DATETIME DEFAULT CURRENT_TIMESTAMP,
        FOREIGN KEY (student_id) REFERENCES student(student_id),
        FOREIGN KEY (session_history_id) REFERENCES session_history(session_history_id)
);

CREATE TABLE session_elephant (
        student_id INT NOT NULL,
        session_history_id INT NOT NULL,
        score INT NOT NULL,
        incorrect CHAR(50) NOT NULL,
        timedate DATETIME DEFAULT CURRENT_TIMESTAMP,
        FOREIGN KEY (student_id) REFERENCES student(student_id),
        FOREIGN KEY (session_history_id) REFERENCES session_history(session_history_id)
);

CREATE TABLE session_giraffe (
        student_id INT NOT NULL,
        session_history_id INT NOT NULL,
        score INT NOT NULL,
        incorrect CHAR(50) NOT NULL,
        timedate DATETIME DEFAULT CURRENT_TIMESTAMP,
        FOREIGN KEY (student_id) REFERENCES student(student_id),
        FOREIGN KEY (session_history_id) REFERENCES session_history(session_history_id)
);


CREATE TABLE session_octopus (
        student_id INT NOT NULL,
        session_history_id INT NOT NULL,
        score INT NOT NULL,
        incorrect CHAR(50) NOT NULL,
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        timedate DATETIME DEFAULT CURRENT_TIMESTAMP,
        FOREIGN KEY (student_id) REFERENCES student(student_id),
        FOREIGN KEY (session_history_id) REFERENCES session_history(session_history_id)
);

CREATE TABLE session_panda (
        student_id INT NOT NULL,
        session_history_id INT NOT NULL,
        score INT NOT NULL,
        incorrect CHAR(50) NOT NULL,
        timedate DATETIME DEFAULT CURRENT_TIMESTAMP,
        FOREIGN KEY (student_id) REFERENCES student(student_id),
        FOREIGN KEY (session_history_id) REFERENCES session_history(session_history_id)
);

CREATE TABLE session_shark (
        student_id INT NOT NULL,
        session_history_id INT NOT NULL,
        score INT NOT NULL,
        incorrect CHAR(50) NOT NULL,
        timedate DATETIME DEFAULT CURRENT_TIMESTAMP,
        FOREIGN KEY (student_id) REFERENCES student(student_id),
        FOREIGN KEY (session_history_id) REFERENCES session_history(session_history_id)
);

CREATE TABLE session_sheep (
        student_id INT NOT NULL,
        session_history_id INT NOT NULL,
        score INT NOT NULL,
        incorrect CHAR(50) NOT NULL,
        timedate DATETIME DEFAULT CURRENT_TIMESTAMP,
        FOREIGN KEY (student_id) REFERENCES student(student_id),
        FOREIGN KEY (session_history_id) REFERENCES session_history(session_history_id)
);
```