CREATE TABLE users (

user\_id     INT(8) NOT NULL AUTO\_INCREMENT,

user\_name   VARCHAR(30) NOT NULL,

user\_pass   VARCHAR(255) NOT NULL,

user\_email  VARCHAR(255) NOT NULL,

user\_date   DATETIME NOT NULL,

user\_level  INT(8) NOT NULL,

UNIQUE INDEX user\_name\_unique (user\_name),

PRIMARY KEY (user\_id)

) TYPE=INNODB;

CREATE TABLE categories (

cat\_id          INT(8) NOT NULL AUTO\_INCREMENT,

cat\_name        VARCHAR(255) NOT NULL,

cat\_description     VARCHAR(255) NOT NULL,

UNIQUE INDEX cat\_name\_unique (cat\_name),

PRIMARY KEY (cat\_id)

) TYPE=INNODB;

CREATE TABLE topics (

topic\_id        INT(8) NOT NULL AUTO\_INCREMENT,

topic\_subject       VARCHAR(255) NOT NULL,

topic\_date      DATETIME NOT NULL,

topic\_cat       INT(8) NOT NULL,

topic\_by        INT(8) NOT NULL,

PRIMARY KEY (topic\_id)

) TYPE=INNODB;

CREATE TABLE posts (

post\_id         INT(8) NOT NULL AUTO\_INCREMENT,

post\_content        TEXT NOT NULL,

post\_date       DATETIME NOT NULL,

post\_topic      INT(8) NOT NULL,

post\_by     INT(8) NOT NULL,

PRIMARY KEY (post\_id)

) TYPE=INNODB;

|  |  |
| --- | --- |
|  | ALTER TABLE topics ADD FOREIGN KEY(topic\_cat) REFERENCES categories(cat\_id) ON DELETE CASCADE ON UPDATE CASCADE; |
|  | ALTER TABLE topics ADD FOREIGN KEY(topic\_by) REFERENCES users(user\_id) ON DELETE RESTRICT ON UPDATE CASCADE; |

ALTER TABLE posts ADD FOREIGN KEY(post\_topic) REFERENCES topics(topic\_id) ON DELETE CASCADE ON UPDATE CASCADE;

ALTER TABLE posts ADD FOREIGN KEY(post\_by) REFERENCES users(user\_id) ON DELETE RESTRICT ON UPDATE CASCADE;