**-- Online Course Platform Database**

**-- 1. Üyeler Tablosu**

CREATE TABLE members (

member\_id INT PRIMARY KEY,

user\_name VARCHAR(50) UNIQUE NOT NULL,

e\_posta VARCHAR(100) UNIQUE NOT NULL,

password VARCHAR(255) NOT NULL,

registration\_date TIMESTAMP,

first\_name VARCHAR(50),

last\_name VARCHAR(50)

);

**-- 2. Eğitimler Tablosu**

CREATE TABLE courses (

course\_id INT PRIMARY KEY,

course\_name VARCHAR(200) UNIQUE NOT NULL,

explanation TEXT,

start\_date DATE,

finish\_date DATE,

instructor\_information VARCHAR(100)

);

**-- 3. Kategoriler Tablosu**

CREATE TABLE categories (

category\_id SMALLINT PRIMARY KEY,

category\_name VARCHAR(100) UNIQUE NOT NULL

);

**-- 4. Eğitim-Kategori İlişki Tablosu**

CREATE TABLE course\_category (

course\_id INT,

category\_id SMALLINT,

PRIMARY KEY (course\_id, category\_id),

FOREIGN KEY (course\_id) REFERENCES courses(course\_id),

FOREIGN KEY (category\_id) REFERENCES categories(category\_id)

);

**-- 5. Katılım Tablosu**

CREATE TABLE enrollments (

enrollment\_id SERIAL PRIMARY KEY,

member\_id INT,

course\_id INT,

participation\_date TIMESTAMP,

FOREIGN KEY (member\_id) REFERENCES members(member\_id),

FOREIGN KEY (course\_id) REFERENCES courses(course\_id)

);

**-- 6. Sertifikalar Tablosu**

CREATE TABLE certificates (

certificate\_id INT PRIMARY KEY,

certificate\_code VARCHAR(100) UNIQUE NOT NULL,

issue\_date DATE

);

**-- 7. Sertifika Atama Tablosu**

CREATE TABLE certificate\_assignments (

member\_id INT,

certificate\_id INT,

receiving\_date DATE,

PRIMARY KEY (member\_id, certificate\_id),

FOREIGN KEY (member\_id) REFERENCES members(member\_id),

FOREIGN KEY (certificate\_id) REFERENCES certificates(certificate\_id)

);

**-- 8. Blog Gönderileri Tablosu**

CREATE TABLE blog\_posts (

blog\_id SERIAL PRIMARY KEY,

author\_information INT,

title VARCHAR(255),

content TEXT,

publication\_date TIMESTAMP,

FOREIGN KEY (author\_information) REFERENCES members(member\_id)

);