

```
CREATE TABLE CLASS (  
id INT NOT NULL,  
name VARCHAR(255) NOT NULL,  
PRIMARY KEY (id)  
);
```

```
CREATE TABLE SUBJECT (  
id INT NOT NULL,  
name VARCHAR(255) NOT NULL,  
PRIMARY KEY (id)  
);
```

```
CREATE TABLE USER (  
id INT NOT NULL,  
firstname VARCHAR(255) NOT NULL,  
surname VARCHAR(255) NOT NULL,  
email VARCHAR(255) NOT NULL,  
password VARCHAR(255) NOT NULL,  
role VARCHAR(255),  
class_id INT,  
FOREIGN KEY (class_id) REFERENCES CLASS(id),  
PRIMARY KEY (id)  
);
```

```
CREATE TABLE SCHEDULE (  
id INT NOT NULL,  
start_datetime DATETIME(6) NOT NULL,  
end_datetime DATETIME(6) NOT NULL,  
signatures_open TINYINT(1) NOT NULL DEFAULT 0,  
class_id INT NOT NULL,  
User_id INT,  
Subject_id INT NOT NULL,  
FOREIGN KEY (class_id) REFERENCES CLASS(id),  
FOREIGN KEY (User_id) REFERENCES USER(id),  
FOREIGN KEY (Subject_id) REFERENCES SUBJECT(id),  
PRIMARY KEY (id)  
);
```

```
CREATE TABLE SIGNATURE (  
id INT NOT NULL,  
file_name VARCHAR(255) NOT NULL,
```

```
status ENUM('pending', 'validated', 'absent') NOT NULL DEFAULT 'pending',
User_id INT NOT NULL,
Schedule_id INT NOT NULL,
FOREIGN KEY (User_id) REFERENCES USER(id),
FOREIGN KEY (Schedule_id) REFERENCES SCHEDULE(id),
PRIMARY KEY (id)
);
```