

```
CREATE TABLE faculty (  
    faculty_id SERIAL PRIMARY KEY,  
    name VARCHAR(150),  
    email VARCHAR(255) UNIQUE,  
    password VARCHAR(255)  
);
```

```
CREATE TABLE department (  
    department_id SERIAL PRIMARY KEY,  
    name VARCHAR(150),  
    email VARCHAR(255),  
    faculty_id INT REFERENCES faculty(faculty_id)  
);
```

```
CREATE TABLE researcher (  
    researcher_id SERIAL PRIMARY KEY,  
    password VARCHAR(255) NOT NULL,  
    first_name VARCHAR(25),  
    last_name VARCHAR(25),  
    age INT,  
    email VARCHAR(255) UNIQUE,  
    department_id INT REFERENCES department(department_id),  
    acc_create_time TIMESTAMP DEFAULT CURRENT_TIMESTAMP  
);
```

```
CREATE TABLE committee (  
committee_id SERIAL PRIMARY KEY,  
password VARCHAR(255) NOT NULL,  
f_name VARCHAR(25),  
l_name VARCHAR(25),  
email VARCHAR(255) UNIQUE  
);
```

```
CREATE TABLE application (  
application_id SERIAL PRIMARY KEY,  
researcher_id INT REFERENCES researcher(researcher_id),  
department_id INT REFERENCES department(department_id),  
committee_id INT REFERENCES committee(committee_id),  
title VARCHAR(255),  
description TEXT,  
status VARCHAR(50) DEFAULT 'Pending',  
submission_date TIMESTAMP DEFAULT CURRENT_TIMESTAMP  
);
```

```
CREATE TABLE documents (  
document_id SERIAL PRIMARY KEY,  
application_id INT REFERENCES application(application_id),  
file_name VARCHAR(255),  
file_type VARCHAR(150),  
file_url TEXT,  
submission_date TIMESTAMP DEFAULT CURRENT_TIMESTAMP  
);
```

```
CREATE TABLE super_admin (  
    super_admin_id SERIAL PRIMARY KEY,  
    password VARCHAR(255) NOT NULL,  
    first_name VARCHAR(25),  
    last_name VARCHAR(25),  
    email VARCHAR(255) UNIQUE,  
    notification_interval INT  
);
```

```
CREATE TABLE admins (  
    admin_id SERIAL PRIMARY KEY,  
    password VARCHAR(255) NOT NULL,  
    email VARCHAR(255) UNIQUE NOT NULL,  
    notification_interval INT,  
    super_admin_id INT REFERENCES super_admin(super_admin_id)  
);
```

```
CREATE TABLE application_reviews (  
    review_id SERIAL PRIMARY KEY,  
    application_id INT REFERENCES application(application_id) ON DELETE CASCADE,  
    committee_id INT REFERENCES committee(committee_id),  
    comment TEXT,  
    status VARCHAR(50), -- Approved, Rejected, Pending  
    review_date TIMESTAMP DEFAULT CURRENT_TIMESTAMP  
);
```