User(username, password, type)  
- Username: String  
- Password: String (User password is not stored as plain text)  
- Type: int  
o 0: admin  
o 1: teacher  
o 2: student  
  
Reservations(id, username, room, date, starting\_time, ending\_time)  
- Id: integer  
- Username: String (Same as User's username)  
- Room: int (Room id)  
- Date: Date (String ('yyyy-mm-dd'))  
- Starting\_time: String 'hh:mm:ss'  
- Ending\_time: String 'hh:mm:ss'  
  
Room(id, name, building, teacher\_only, capacity, photos, description)  
- Id: int  
- Name: String  
- Building: int (Building id)  
- Teacher\_only: Boolean  
- Capacity: int  
- Photos: String (url to photos)  
- Description: String  
- Type: String (Project room, lecture hall)  
  
Building(id, name, roomCount, address, available\_bikes, max\_bikes)  
- Id: int  
- Name: String  
- Room\_count: int  
- Address: String  
- Available\_bikes: int  
- Max\_bikes: int  
  
Bike\_reservation(id, building, numBikes, date, starting\_time, ending\_time)  
- Id: int  
- User: int  
- Building: int  
- Num\_bikes: int  
- Date: Date (String ('yyyy-mm-dd'))  
- Starting\_time: String 'hh:mm:ss'  
- Ending\_time: String 'hh:mm:ss'  
  
CalenderItems(id, user, title, date, starting\_time, ending\_time, description)  
- Id: int  
- User: String  
- Title: String  
- Date: Date (String ('yyyy-mm-dd'))  
- Starting\_time: String 'hh:mm:ss'  
- Ending\_time: String 'hh:mm:ss'  
- Description: String  
  
Food(id, name, price)  
- Id: int  
- Name: String  
- Price: float  
  
Food\_building(building, food)  
- Building: int (foreign key building id)  
- Food: int (foreign key food id)  
  
Food\_reservations(reservation, food, quantity)  
- Reservation: int (foreign key reservation id)  
- Food: int (foreign key food id)  
- Quantity: int