User(username, password, type)

* Username: String
* Password: String (User password is not stored as plain text)
* Type: int
  + 0: admin
  + 1: teacher
  + 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, room\_count, address, available\_bikes, max\_bikes)

* Id: int
* Name: String
* Room\_count: int
* Address: String

Bikes(building, available\_bikes, max\_bikes)

* Building: int
* Available\_bikes: int
* Max\_bikes: int

Bike\_reservations(id, building, num\_bikes)

* Id: int
* Building: int
* Num\_bikes: int

Food(id, name, price)

* Id: int
* Name: String
* Price: float

Food\_Building(building\_id, food\_id)

* Building\_id: int
* Food\_id: int