**Normalized Relational Model**

**Tables:**

**Entities:**

1. User
2. Patient
3. Gov\_Agencies
4. Doctor
5. Hospital\_contact
6. Hospital\_info
7. Ambulance\_driver
8. Pharmacy
9. Laboratory
10. Medicine

**Relationships:**

1. works
2. store
3. appointment
4. access

**Schema of Table:**

**Entities:**

1. User(email,username,password,user\_mode,name)
2. Patient(*email*,patient\_id,height,weight,blood\_group,diseases,past\_medical\_history,address,contact\_number,birth\_date)
3. Gov\_Agencies(*email*,agency\_id)
4. Doctor(*email,*doctor\_reg\_number ,qualification, contact\_number, institute ,address, specialization)
5. Hospital\_contact(email, contact\_number)
6. Hospital\_info(email,location ,address ,total\_doctors ,specialities, insurance\_policies, cashless , ,icu ,iicu ,operation\_theatres ,general\_ward, nurse, interns, ot\_technicians)
7. Ambulance\_driver(*email*,contact\_number,licence,vehicle\_number)
8. Pharmacy(email,pharmacy\_name,contact\_number,*email\_hospital*)
9. Laboratory(email,lab\_name,contact\_number,instruments,*email\_hospital*)
10. Medicine(medicine\_name,brand\_name)

**Relationships:**

1. works(*doctor\_reg\_number,email\_hospital*,start\_time,end\_time,salary)
2. stores(*email\_pharm,*medicine\_name,brand\_name,stock)
3. appointment(appointment\_id*,patient\_id, doctor\_reg\_number*,time,date)
4. access(*email\_hospital,email\_driver*)