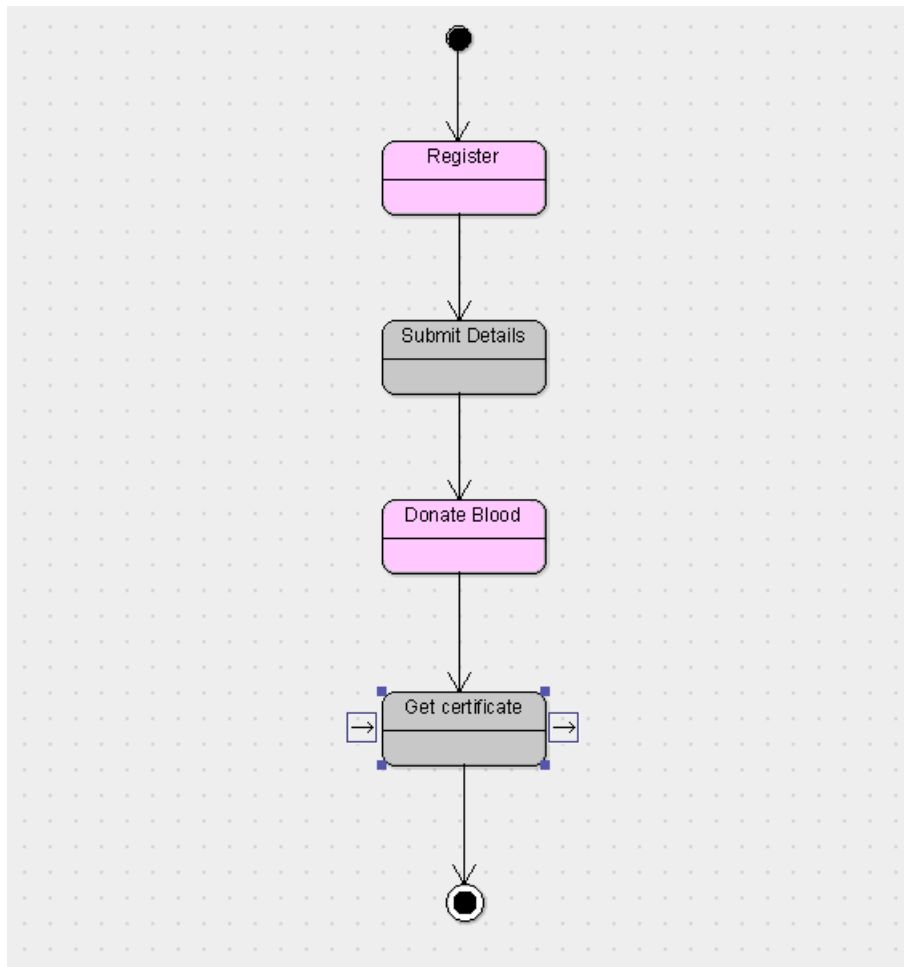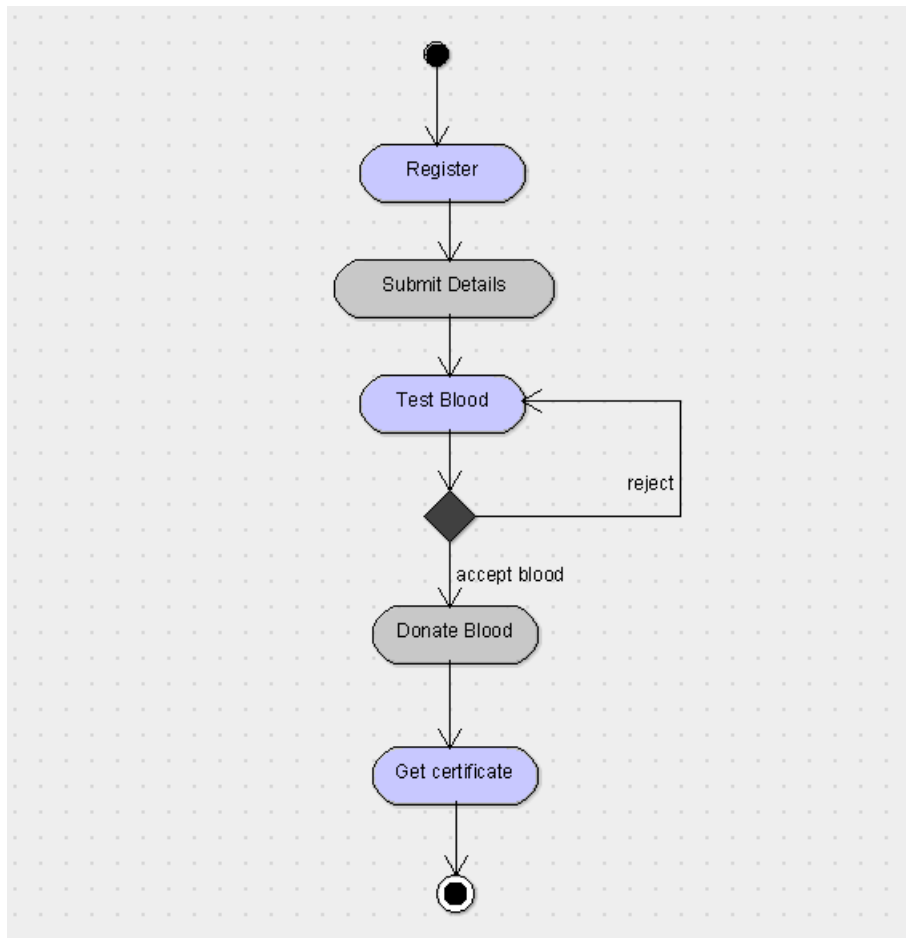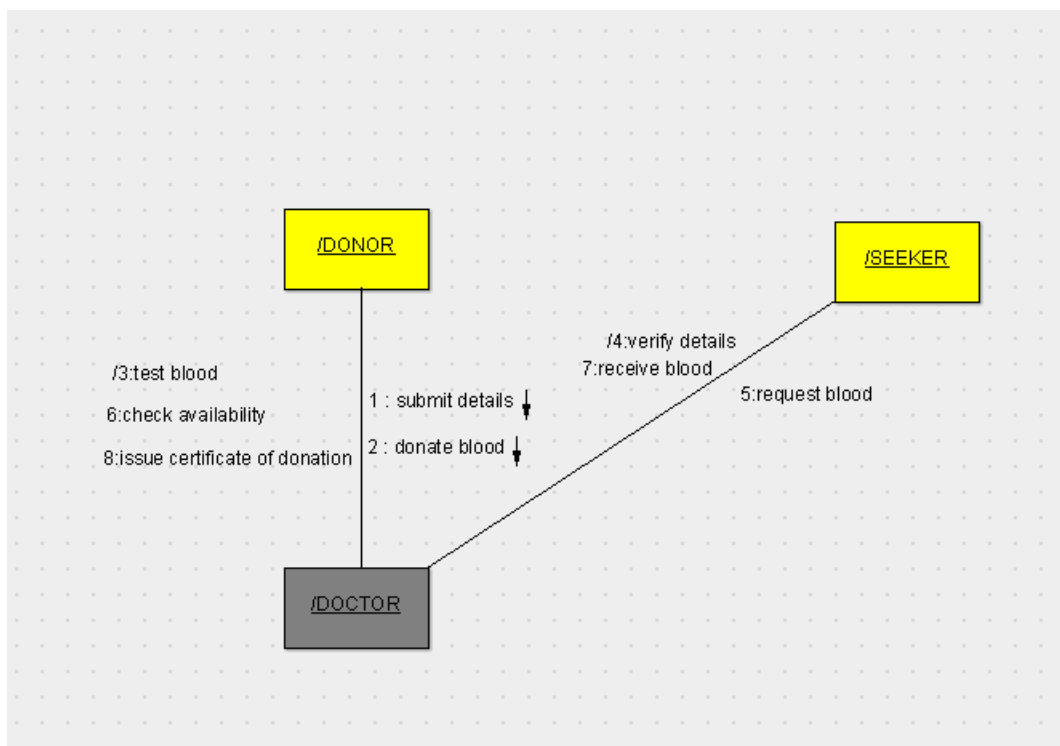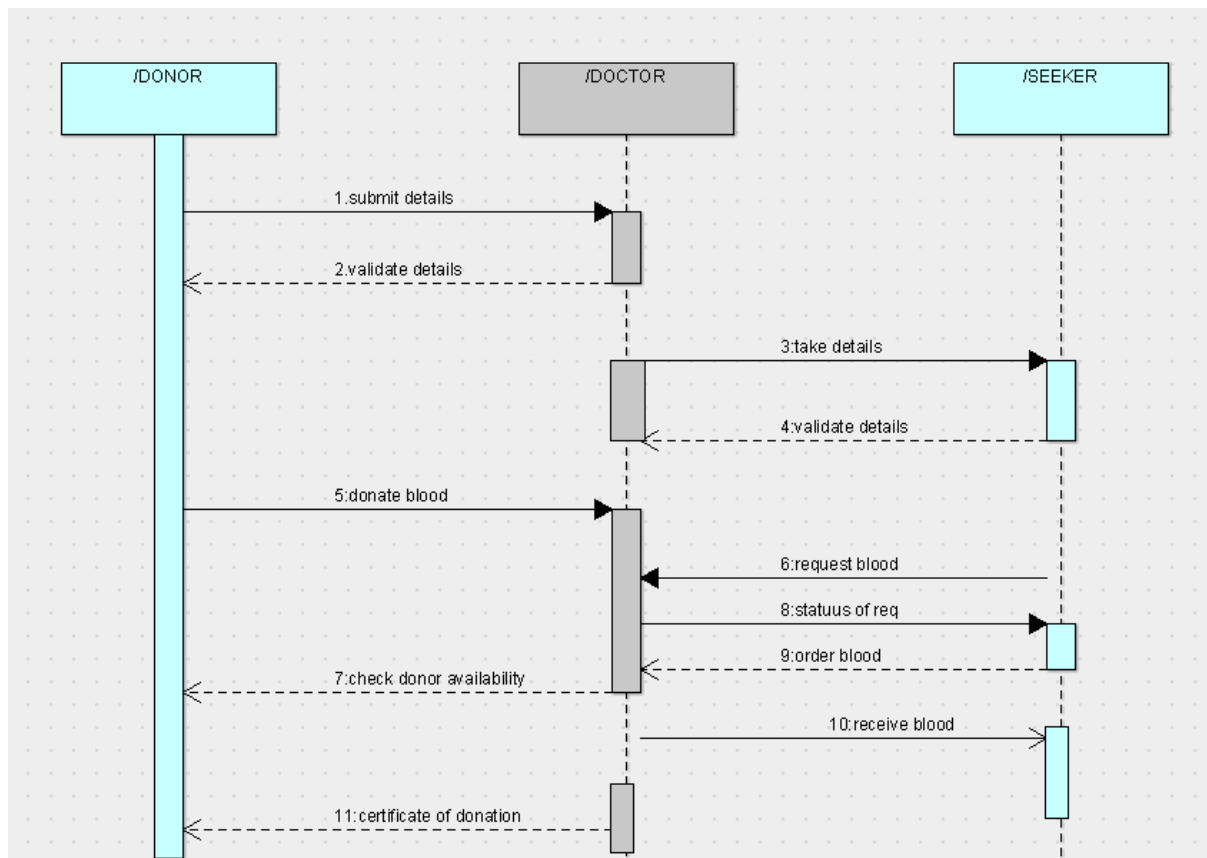1.USE CASE

2.CLASS DIAGRAM
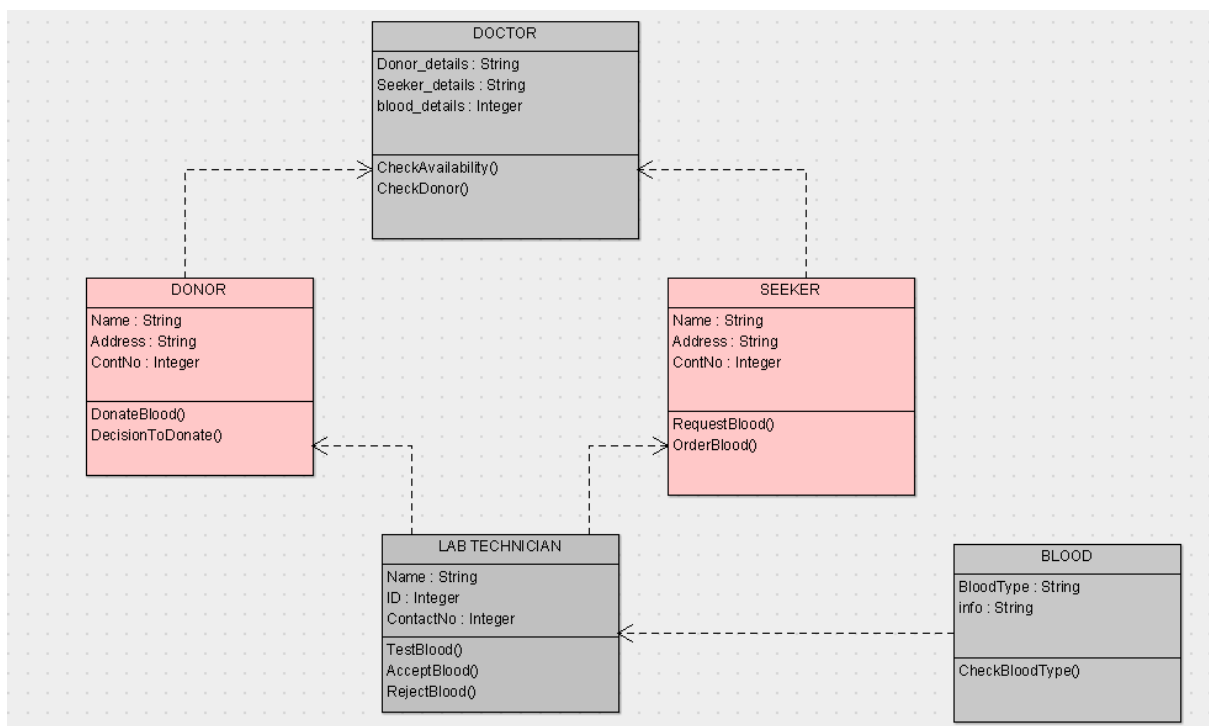
3.STATE DIAGRAM

4.ACTIVITY DIAGRAM

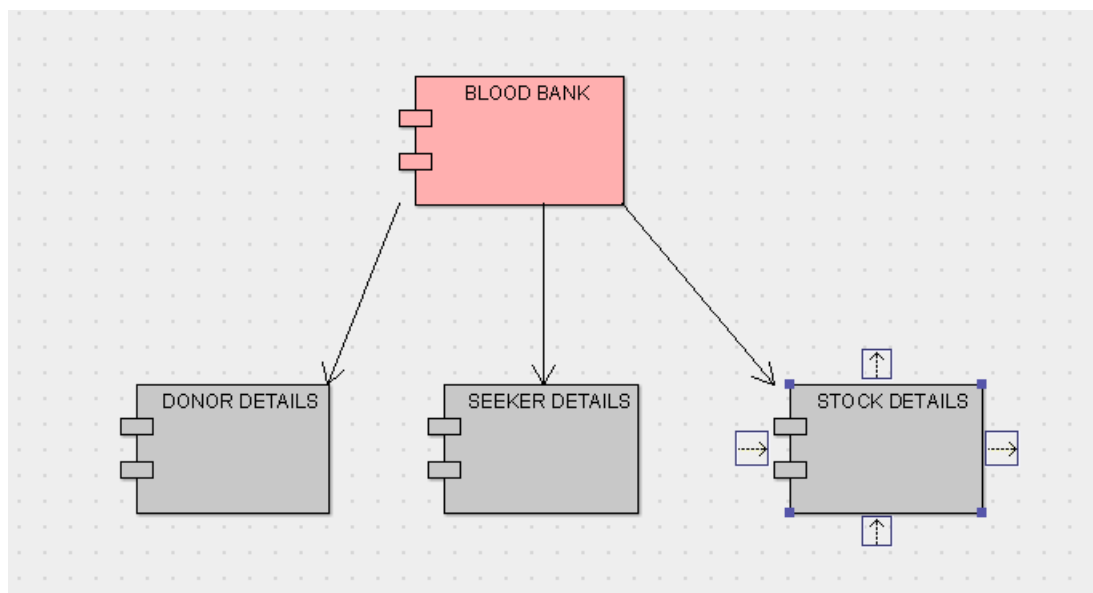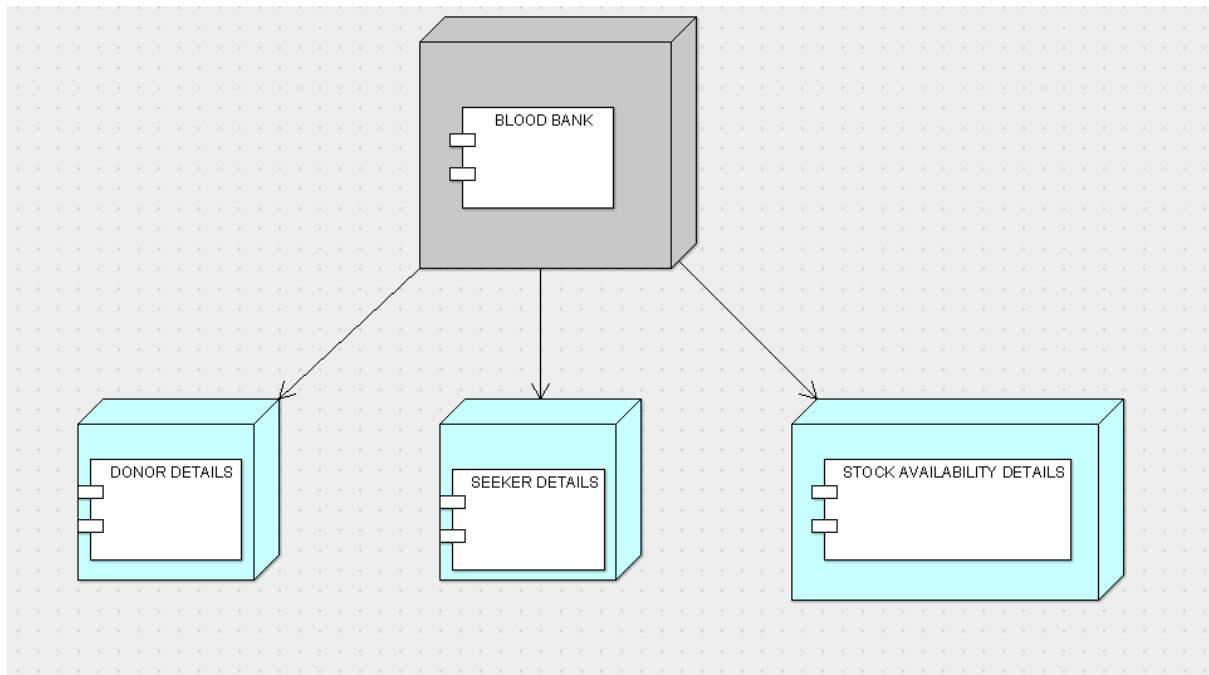## 5.COLLOBORATION DIAGRAM
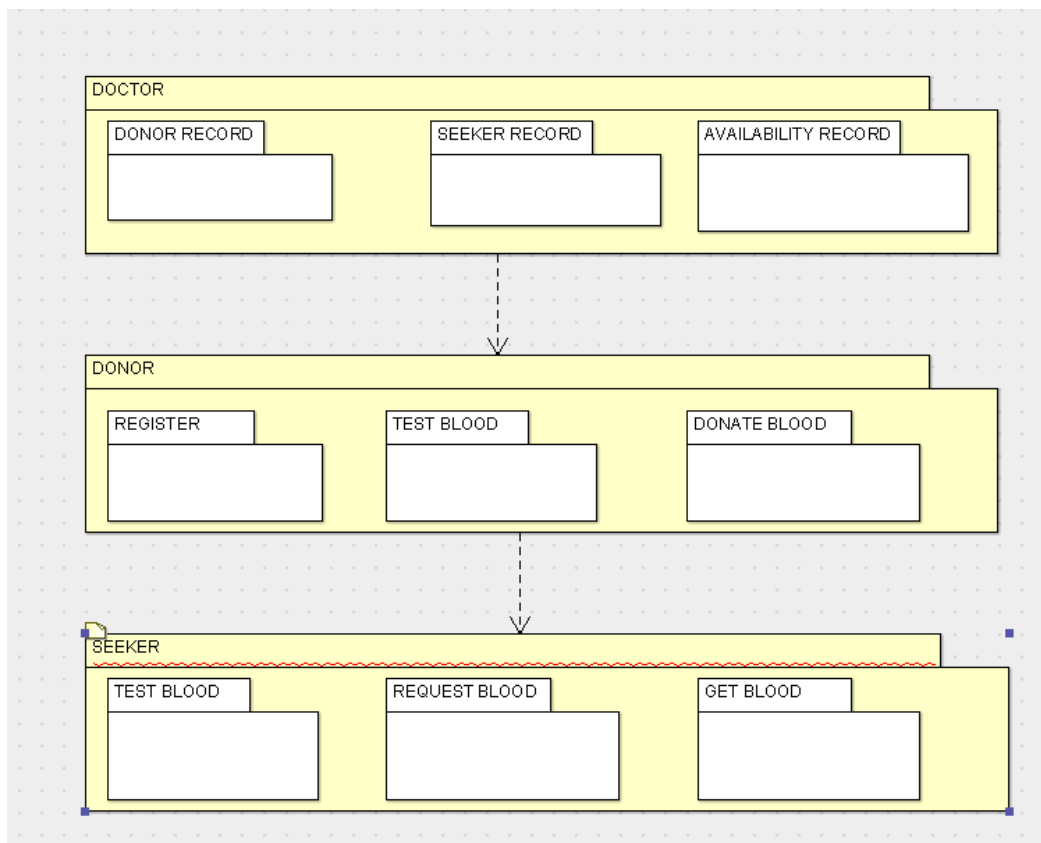
6.SEQUENCE DIAGRAM

7.COMPONENT DIAGRAM

8.DEPLOYMENT DIAGRAM

9.PACKAGE DIAGRAM

SKELTON CODE:

1.BLOOD:

```
public class BLOOD {

  public String BloodType;

  public String info;

  public void CheckBloodType() {
  }

}
```

2.DOCTOR:

```
public class DOCTOR {

  public String Donor_details;

  public String Seeker_details;

  public Integer blood_details;

  public void CheckAvailability() {
  }

  public void CheckDonor() {
  }

}
```

3.DONOR:

```
public class DONOR {

  public String Name;

  public String Address;

  public Integer ContNo;

  public void DonateBlood() {
  }

  public void DecisionToDonate() {
  }

}
```

4.LAB TECHNICIAN

```
public class LAB TECHNICIAN {

  public String Name;

  public Integer ID;

  public Integer ContactNo;

  public void TestBlood() {
  }

  public void AcceptBlood() {
  }

  public void RejectBlood() {
  }

}
```