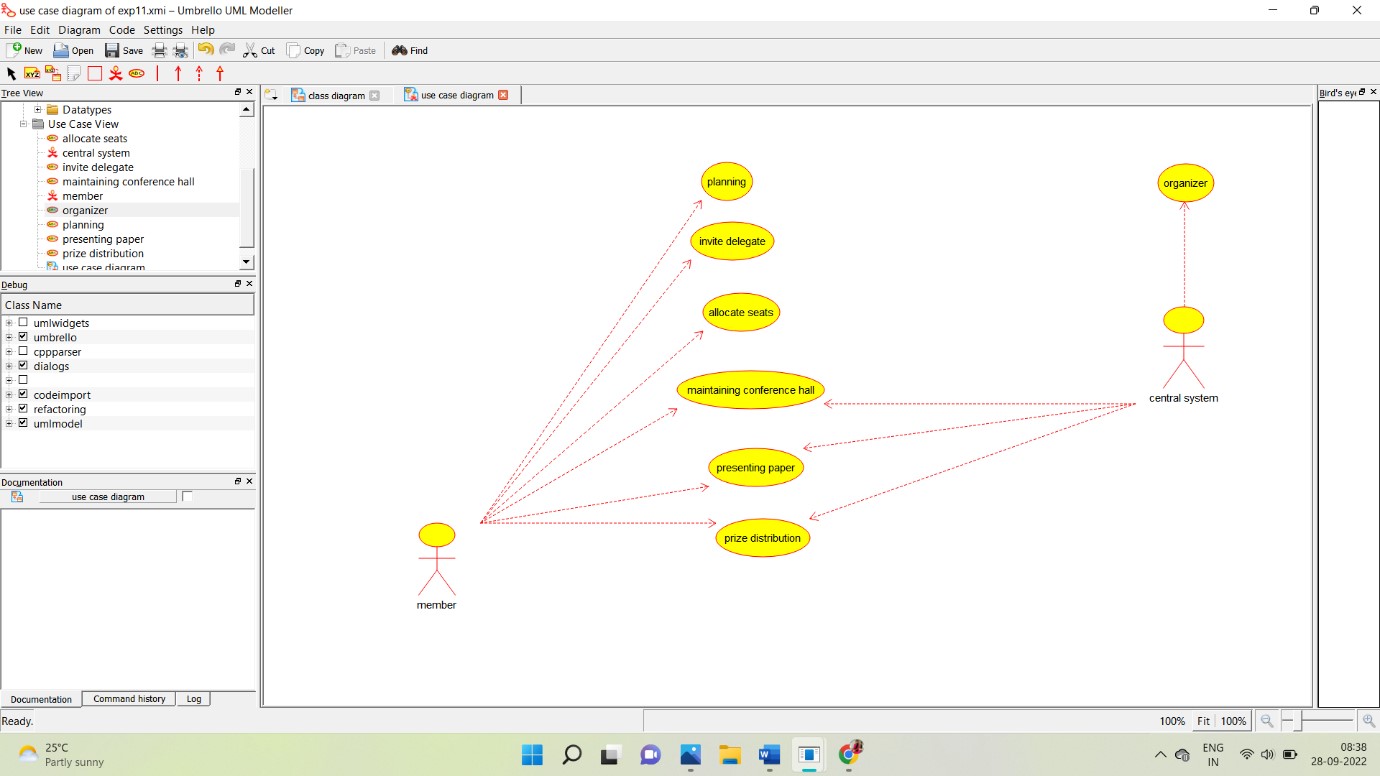
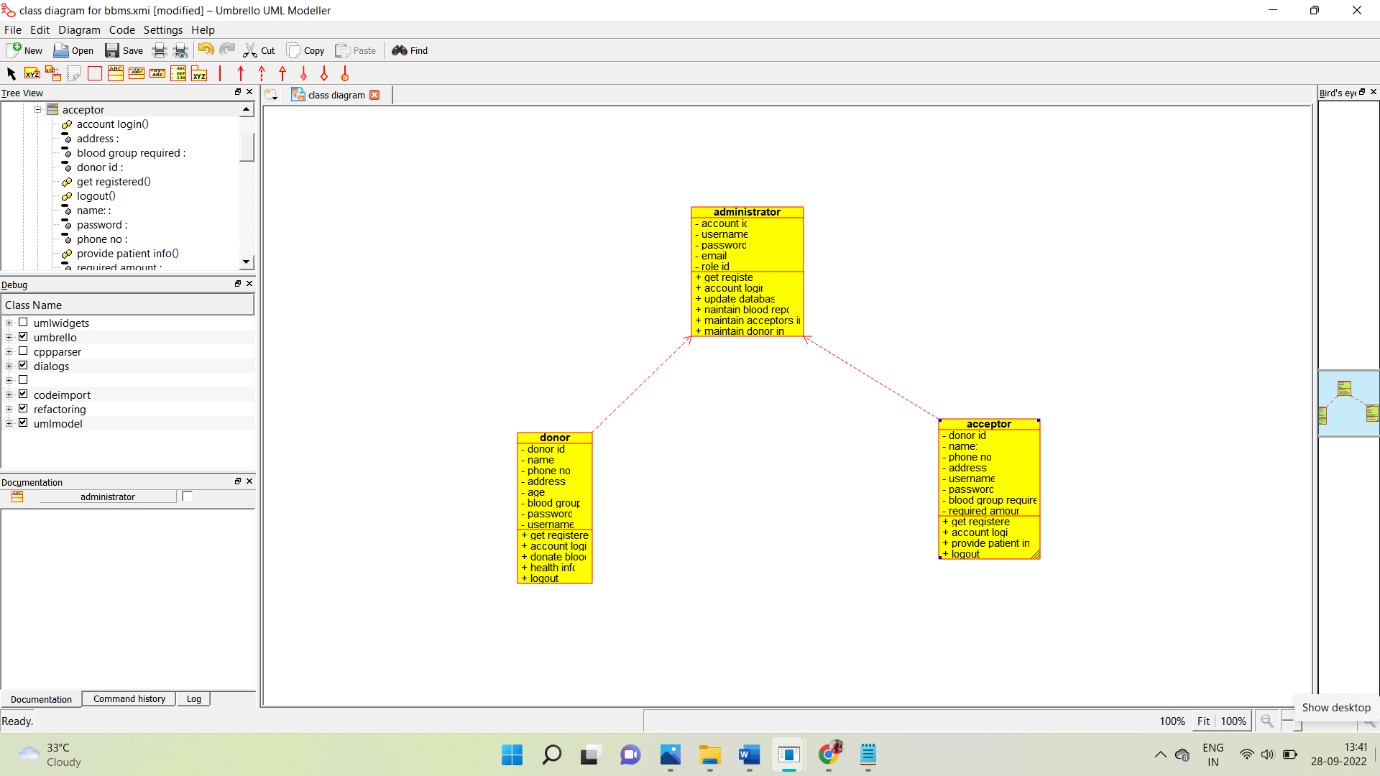
15 – BLOOD BANK REGISTRATION SYSTEM

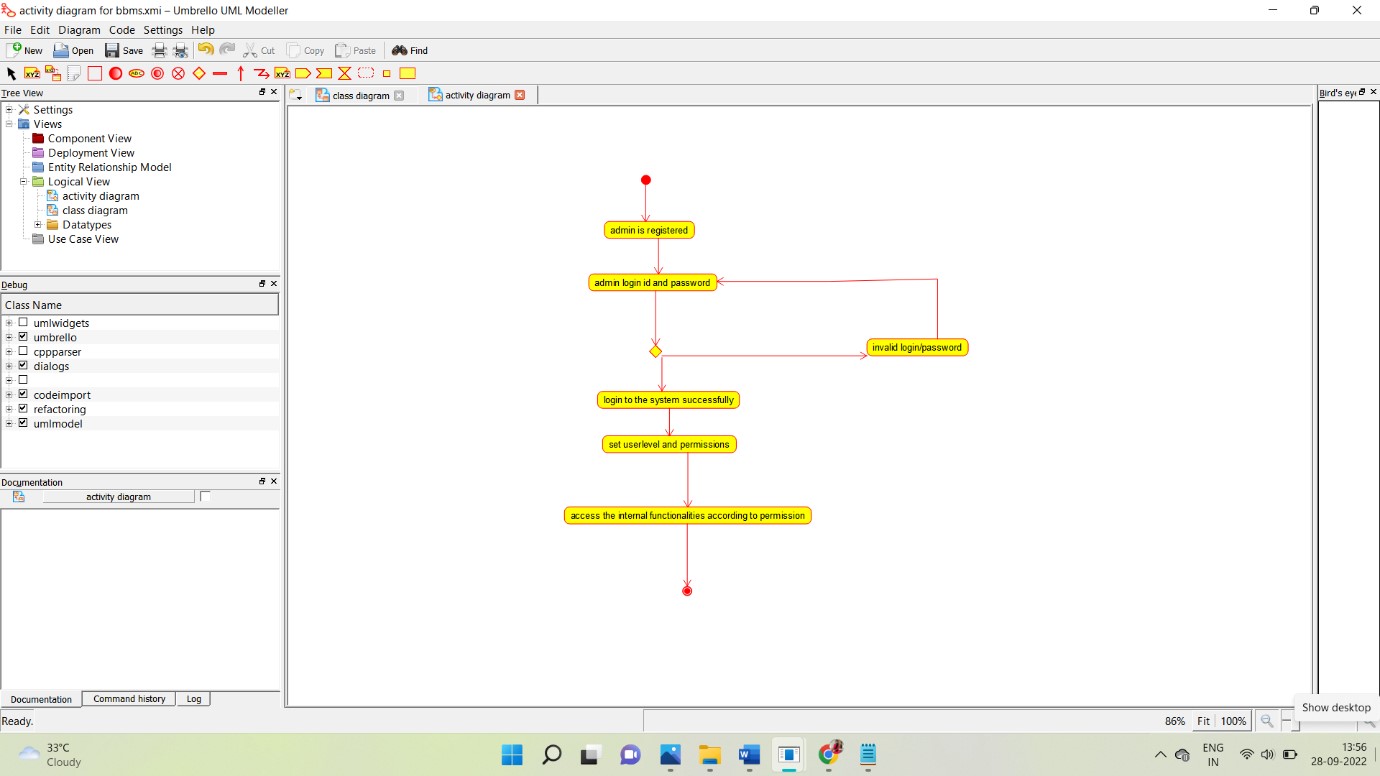
USE CASE DIAGRAM:



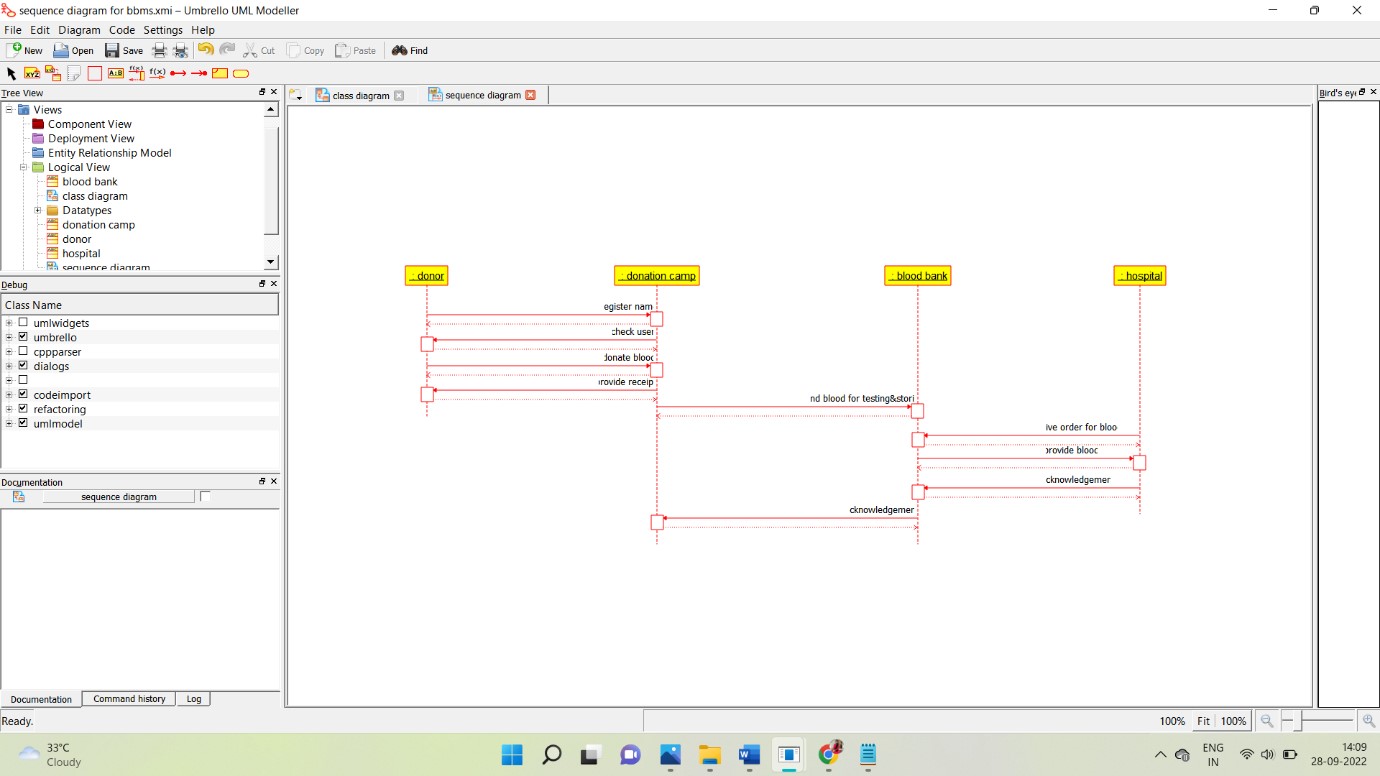
CLASS DIAGRAM:



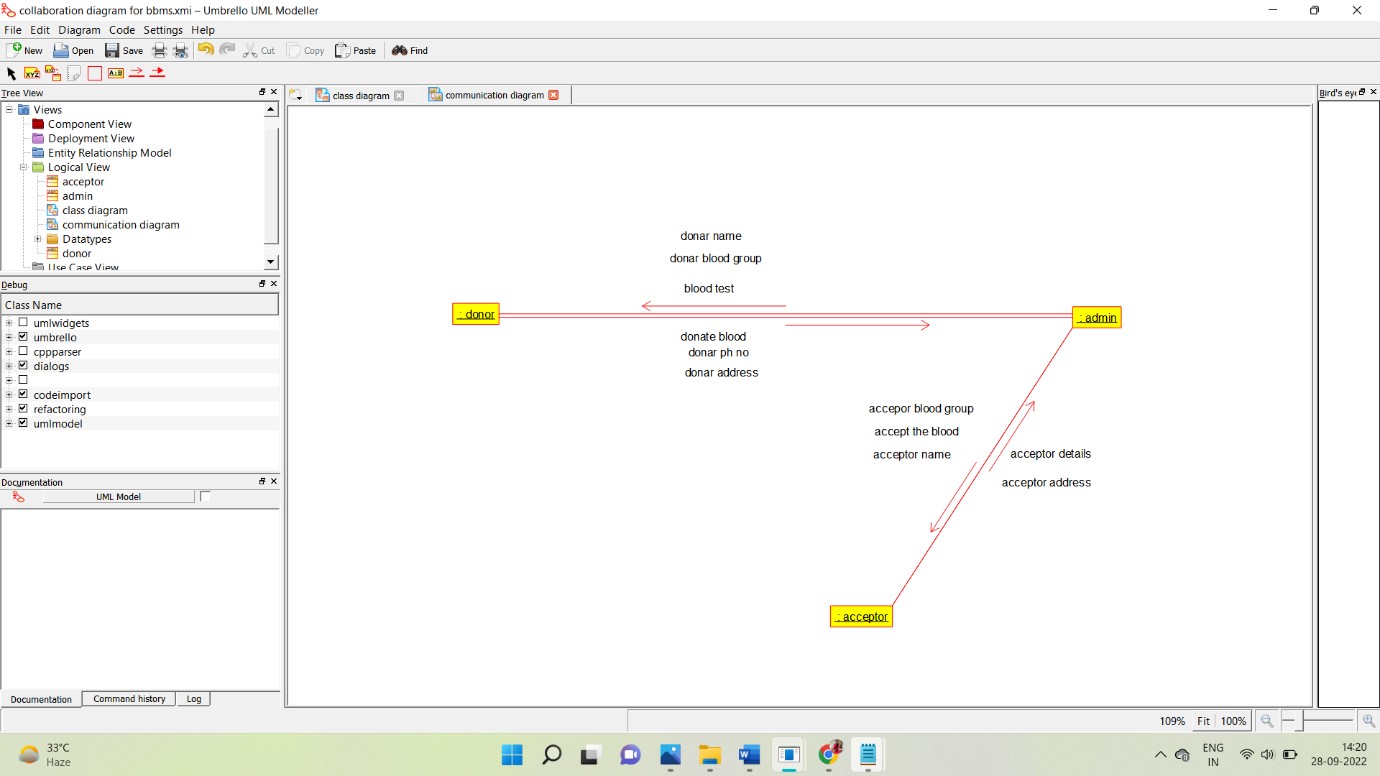
ACTIVITY DIAGRAM:



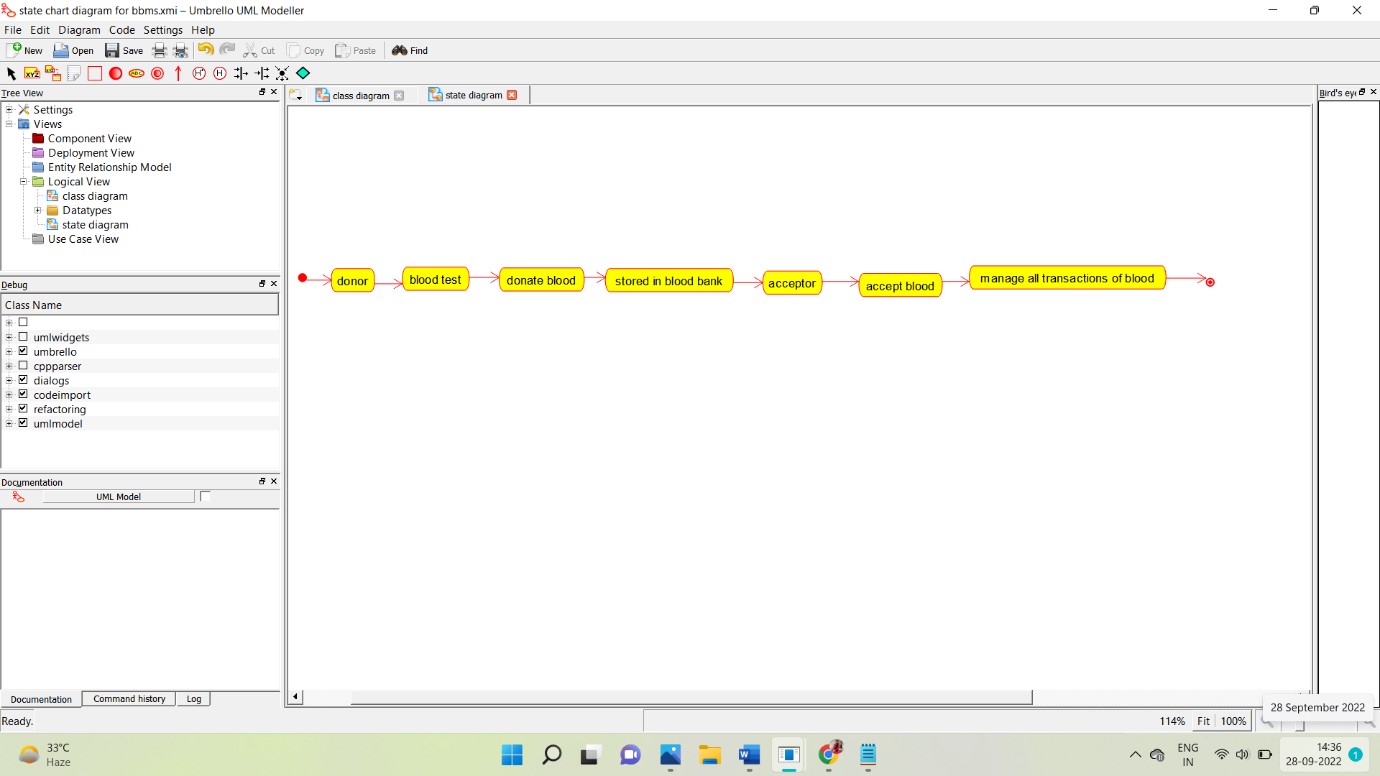
SEQUENCE DIAGRAM:



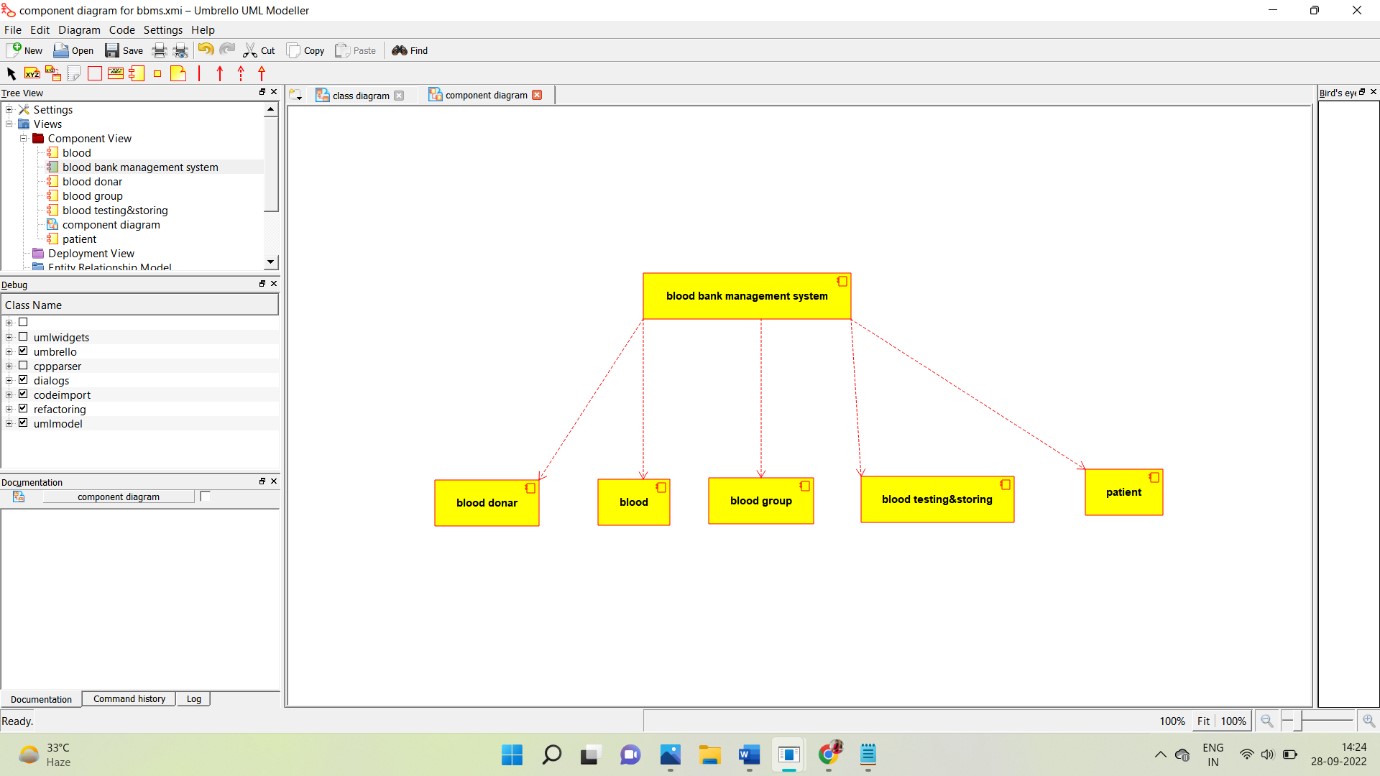
COLLABORATION DIAGRAM:



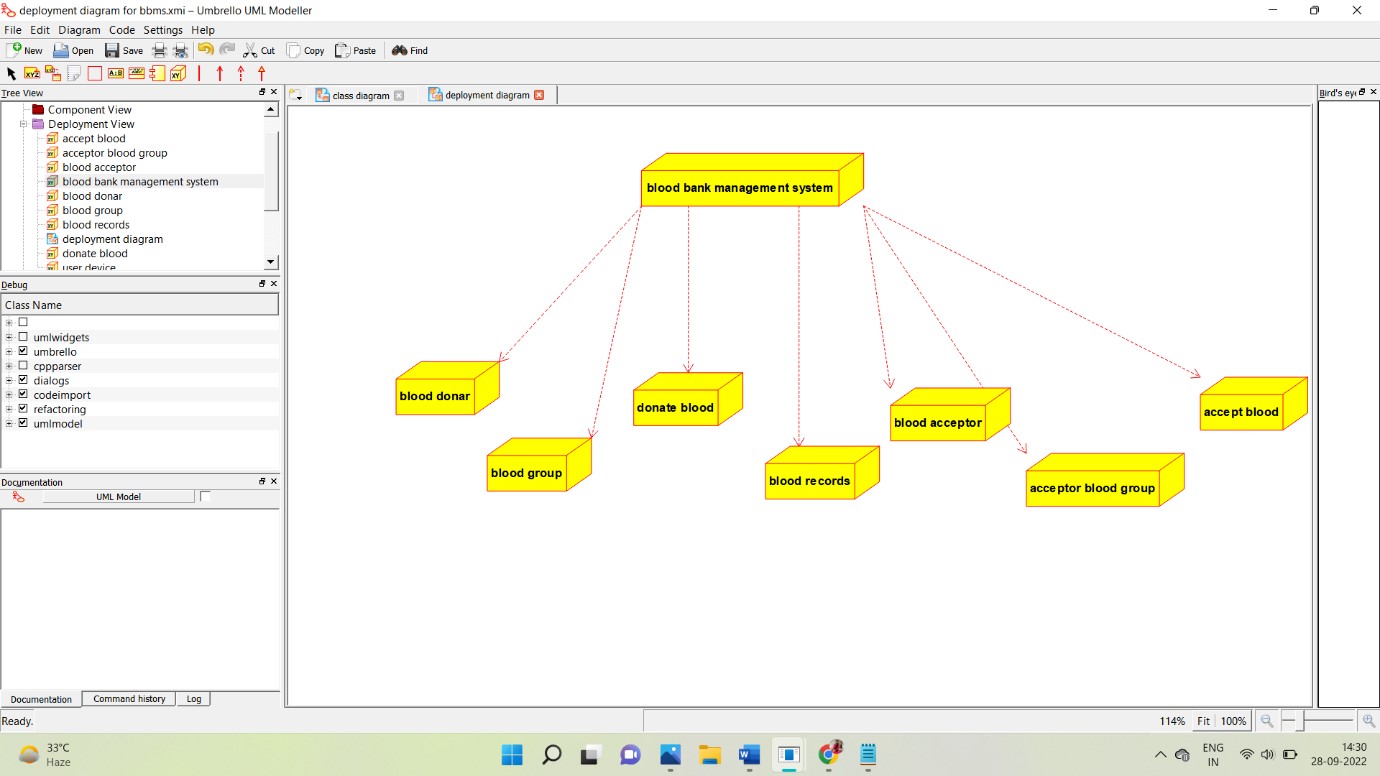
STATE CHART DIAGRAM:



COMPONENT DIAGRAM:



DEPLOYMENT DIAGRAM:



CODE:

/\*\*

\* Class administrator

\*/

public class administrator {

//

// Fields

//

private void account\_id; private void username; private void password; private void email; private void role\_id;

//

// Constructors

//

public administrator () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

* Set the value of account\_id
* @param newVar the new value of account\_id

\*/

private void setAccount\_id (void newVar) { account\_id = newVar;

}

/\*\*

* Get the value of account\_id
* @return the value of account\_id

\*/

private void getAccount\_id () { return account\_id;

}

/\*\*

* Set the value of username
* @param newVar the new value of username

\*/

private void setUsername (void newVar) {

username = newVar;

}

/\*\*

* Get the value of username
* @return the value of username

\*/

private void getUsername () { return username;

}

/\*\*

* Set the value of password
* @param newVar the new value of password

\*/

private void setPassword (void newVar) { password = newVar;

}

/\*\*

* Get the value of password
* @return the value of password

\*/ private void getPassword () {

return password;

}

/\*\*

* Set the value of email
* @param newVar the new value of email

\*/

private void setEmail (void newVar) { email = newVar;

}

/\*\*

* Get the value of email
* @return the value of email

\*/

private void getEmail () { return email;

}

/\*\*

* Set the value of role\_id
* @param newVar the new value of role\_id

\*/ private void setRole\_id (void newVar) {

role\_id = newVar;

}

/\*\*

* Get the value of role\_id
* @return the value of role\_id

\*/

private void getRole\_id () { return role\_id;

}

//

// Other methods

//

/\*\*

\*/

public void get\_register()

{

}

/\*\*

\*/

public void account\_login\_()

{

}

/\*\*

\*/

public void update\_database()

{

}

/\*\*

\*/

public void naintain\_blood\_report()

{

}

/\*\*

\*/

public void maintain\_acceptors\_info()

{

}

/\*\*

\*/

public void maintain\_donor\_info()

{ }

\*\*

\* Class donor

\*/

public class donor {

//

// Fields

//

private void donor\_id; private void name; private void phone\_no; private void address; private void age; private void blood\_group; private void password; private void username;

//

// Constructors

//

public donor () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

* Set the value of donor\_id
* @param newVar the new value of donor\_id

\*/

private void setDonor\_id (void newVar) {

donor\_id = newVar;

* Get the value of donor\_id
* @return the value of donor\_id

\*/

private void getDonor\_id () { return donor\_id;

}

/\*\*

* Set the value of name
* @param newVar the new value of name

\*/

private void setName (void newVar) { name = newVar;

}

/\*\*

* Get the value of name
* @return the value of name

\*/

private void getName () { return name;

* Set the value of phone\_no
* @param newVar the new value of phone\_no

\*/

private void setPhone\_no (void newVar) { phone\_no = newVar;

}

/\*\*

* Get the value of phone\_no
* @return the value of phone\_no

\*/

private void getPhone\_no () { return phone\_no;

}

/\*\*

* Set the value of address
* @param newVar the new value of address

\*/

private void setAddress (void newVar) {

address = newVar;

* Get the value of address
* @return the value of address

\*/

private void getAddress () { return address;

}

/\*\*

* Set the value of age
* @param newVar the new value of age

\*/

private void setAge (void newVar) { age = newVar;

}

/\*\*

* Get the value of age
* @return the value of age

\*/ private void getAge () {

return age;

* Set the value of blood\_group
* @param newVar the new value of blood\_group

\*/

private void setBlood\_group (void newVar) { blood\_group = newVar;

}

/\*\*

* Get the value of blood\_group
* @return the value of blood\_group

\*/

private void getBlood\_group () { return blood\_group;

}

/\*\*

* Set the value of password
* @param newVar the new value of password

\*/

private void setPassword (void newVar) {

password = newVar;

* Get the value of password
* @return the value of password

\*/

private void getPassword () { return password;

}

/\*\*

* Set the value of username
* @param newVar the new value of username

\*/

private void setUsername (void newVar) { username = newVar;

}

/\*\*

* Get the value of username
* @return the value of username

\*/ private void getUsername () {

return username;

//

// Other methods

//

/\*\*

\*/

public void get\_registered()

{

}

/\*\*

\*/

public void account\_login()

{

}

/\*\*

\*/

public void donate\_blood()

{

/\*\*

\*/

public void health\_info()

{

}

/\*\*

\*/

public void logout()

{

}

}

/\*\*

\* Class acceptor

\*/

public class acceptor {

//

// Fields

//

private void donor\_id; private void name\_; private void phone\_no; private void address; private void username; private void password; private void blood\_group\_required; private void required\_amount;

//

// Constructors

//

public acceptor () { };

//

// Methods

//

//

// Accessor methods

//

* Set the value of donor\_id
* @param newVar the new value of donor\_id

\*/ private void setDonor\_id (void newVar) { donor\_id = newVar;

}

/\*\*

* Get the value of donor\_id
* @return the value of donor\_id

\*/

private void getDonor\_id () { return donor\_id;

}

/\*\*

* Set the value of name\_
* @param newVar the new value of name\_

\*/

private void setName\_ (void newVar) {

name\_ = newVar;

* Get the value of name\_
* @return the value of name\_

\*/ private void getName\_ () { return name\_;

}

/\*\*

* Set the value of phone\_no
* @param newVar the new value of phone\_no

\*/

private void setPhone\_no (void newVar) { phone\_no = newVar;

}

/\*\*

* Get the value of phone\_no
* @return the value of phone\_no

\*/

private void getPhone\_no () {

return phone\_no;

* Set the value of address
* @param newVar the new value of address

\*/ private void setAddress (void newVar) { address = newVar;

}

/\*\*

* Get the value of address
* @return the value of address

\*/

private void getAddress () { return address;

}

/\*\*

* Set the value of username
* @param newVar the new value of username

\*/

private void setUsername (void newVar) {

username = newVar;

* Get the value of username
* @return the value of username

\*/ private void getUsername () { return username;

}

/\*\*

* Set the value of password
* @param newVar the new value of password

\*/

private void setPassword (void newVar) { password = newVar;

}

/\*\*

* Get the value of password
* @return the value of password

\*/

private void getPassword () {

return password;

* Set the value of blood\_group\_required
* @param newVar the new value of blood\_group\_required

private void setBlood\_group\_required (void newVar) { blood\_group\_required = newVar;

}

/\*\*

* Get the value of blood\_group\_required
* @return the value of blood\_group\_required

\*/

private void getBlood\_group\_required () { return blood\_group\_required;

}

/\*\*

* Set the value of required\_amount
* @param newVar the new value of required\_amount

\*/

private void setRequired\_amount (void newVar) {

required\_amount = newVar;

* Get the value of required\_amount
* @return the value of required\_amount

\*/ private void getRequired\_amount () { return required\_amount;

}

//

// Other methods

//

/\*\*

\*/

public void get\_registered()

{

}

/\*\*

\*/

public void account\_login()

{ } /\*\*

\*/

public void provide\_patient\_info()

{

}

/\*\*

\*/

public void logout()

{

}