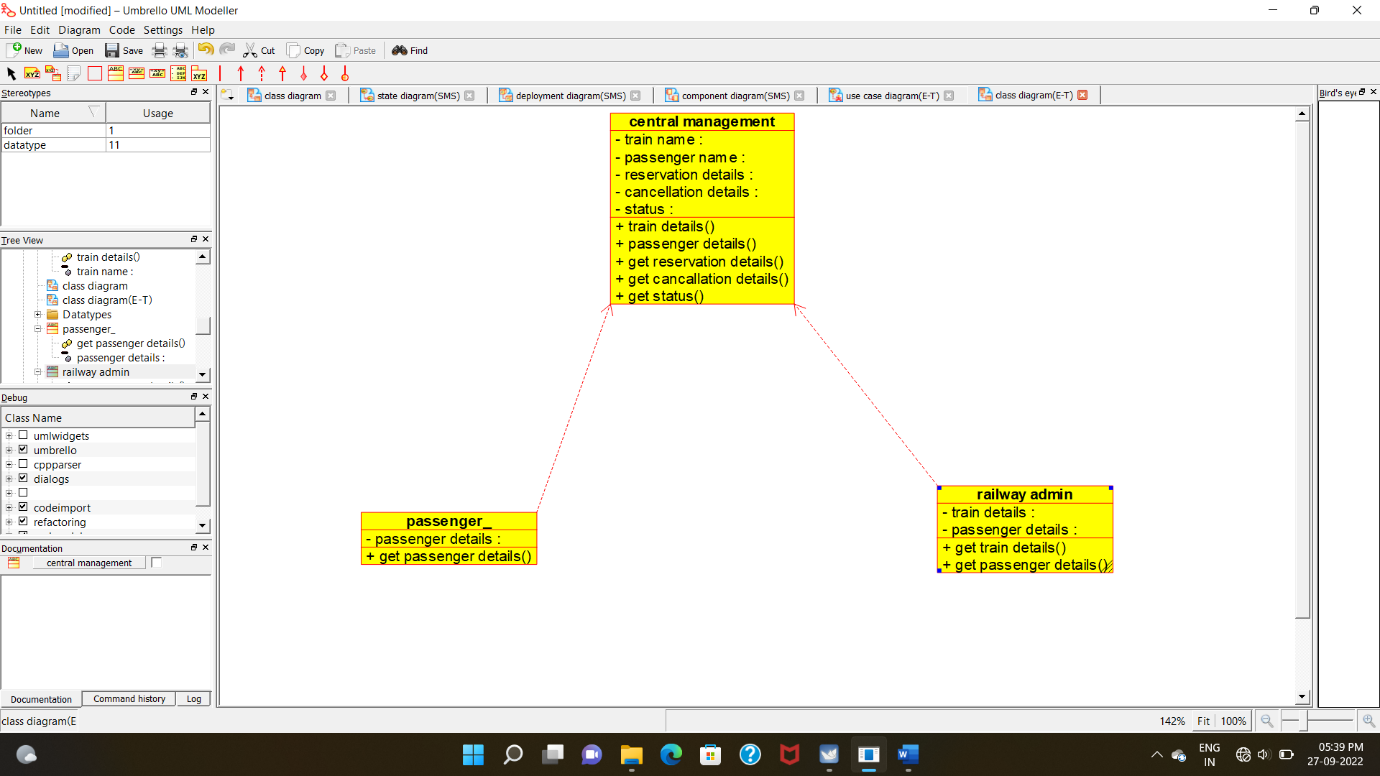
**EX NO:6 E-TICKETING**

**EDS CHAITANYA(192011372)**

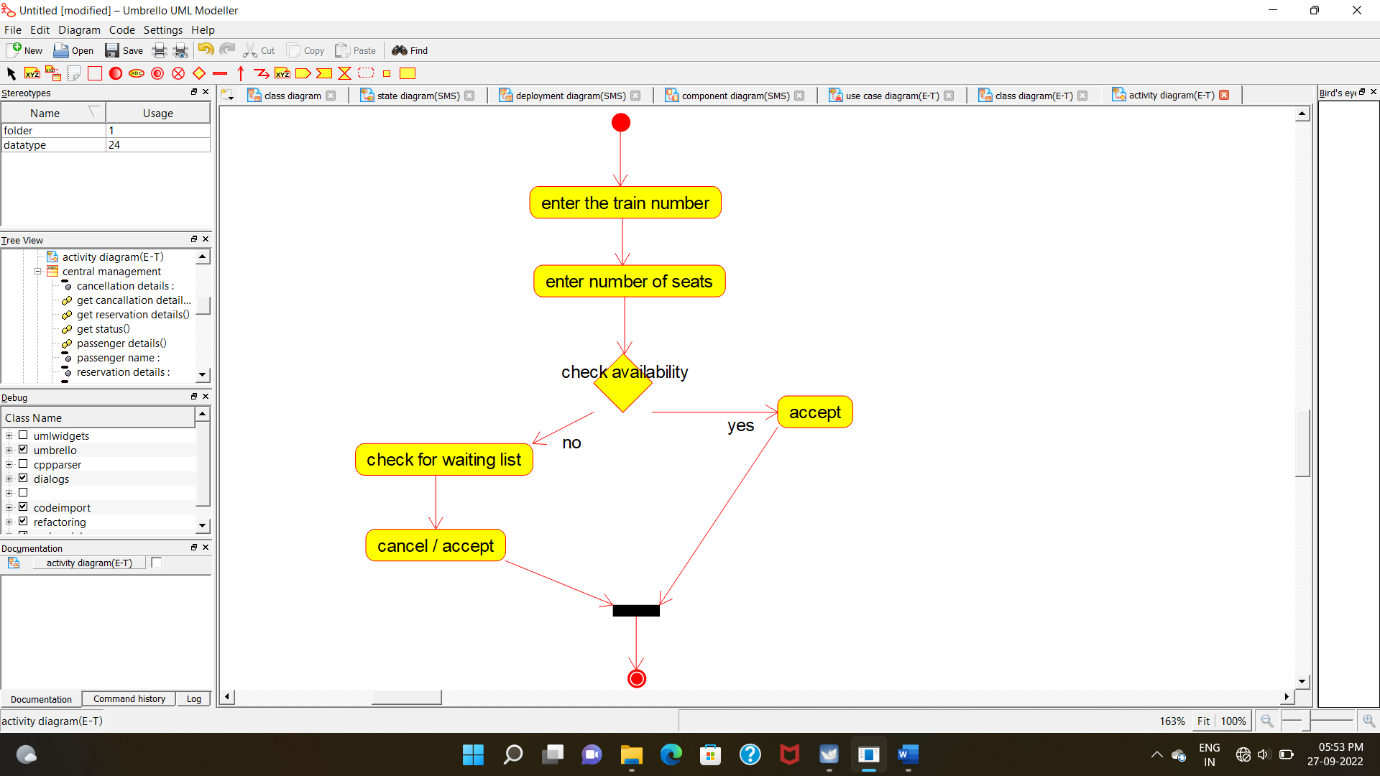
**USE CASE DIAGRAM:**



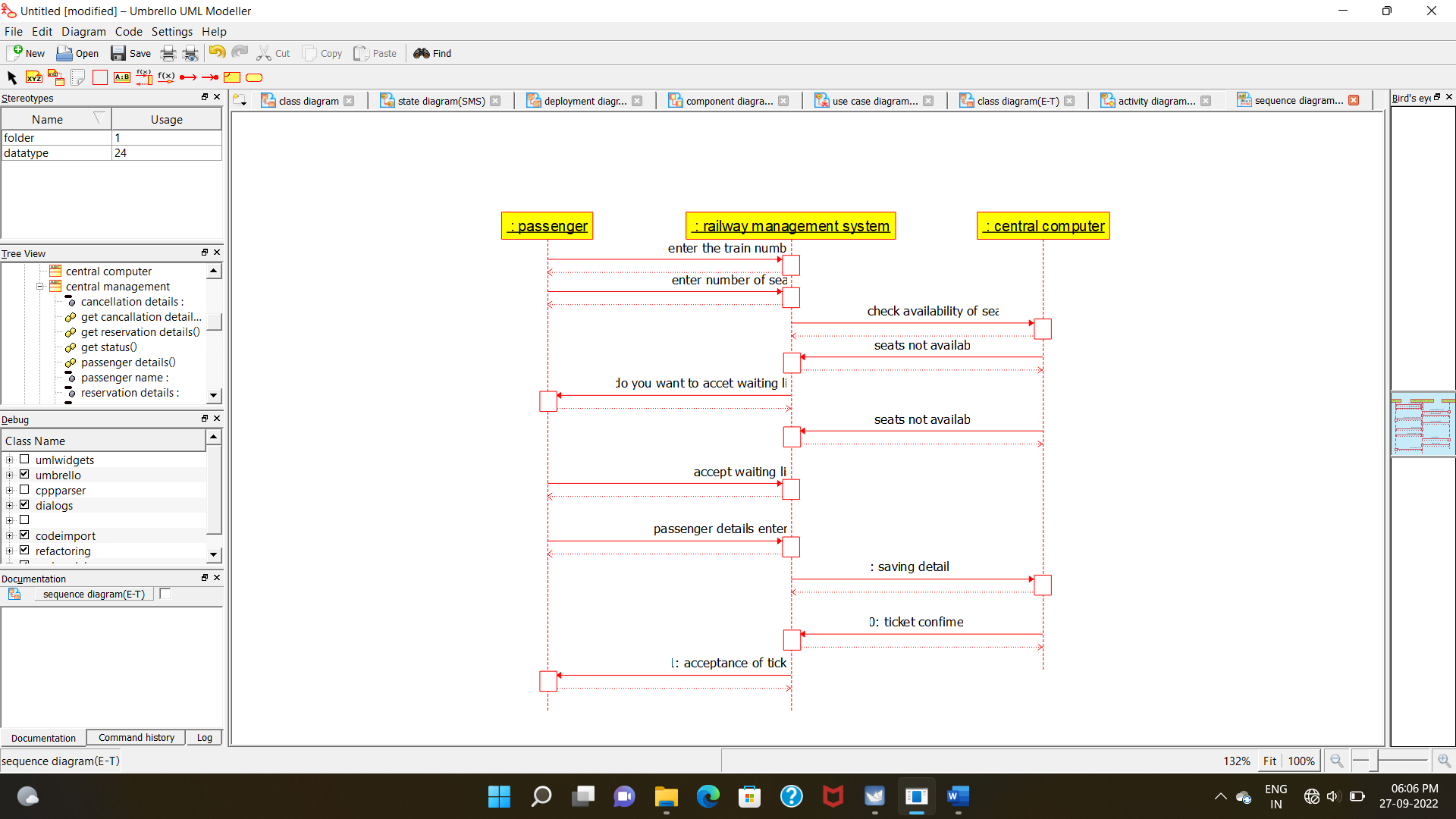
**CLASS DIAGRAM:**

****

**ACTIVITY DIAGRAM**:



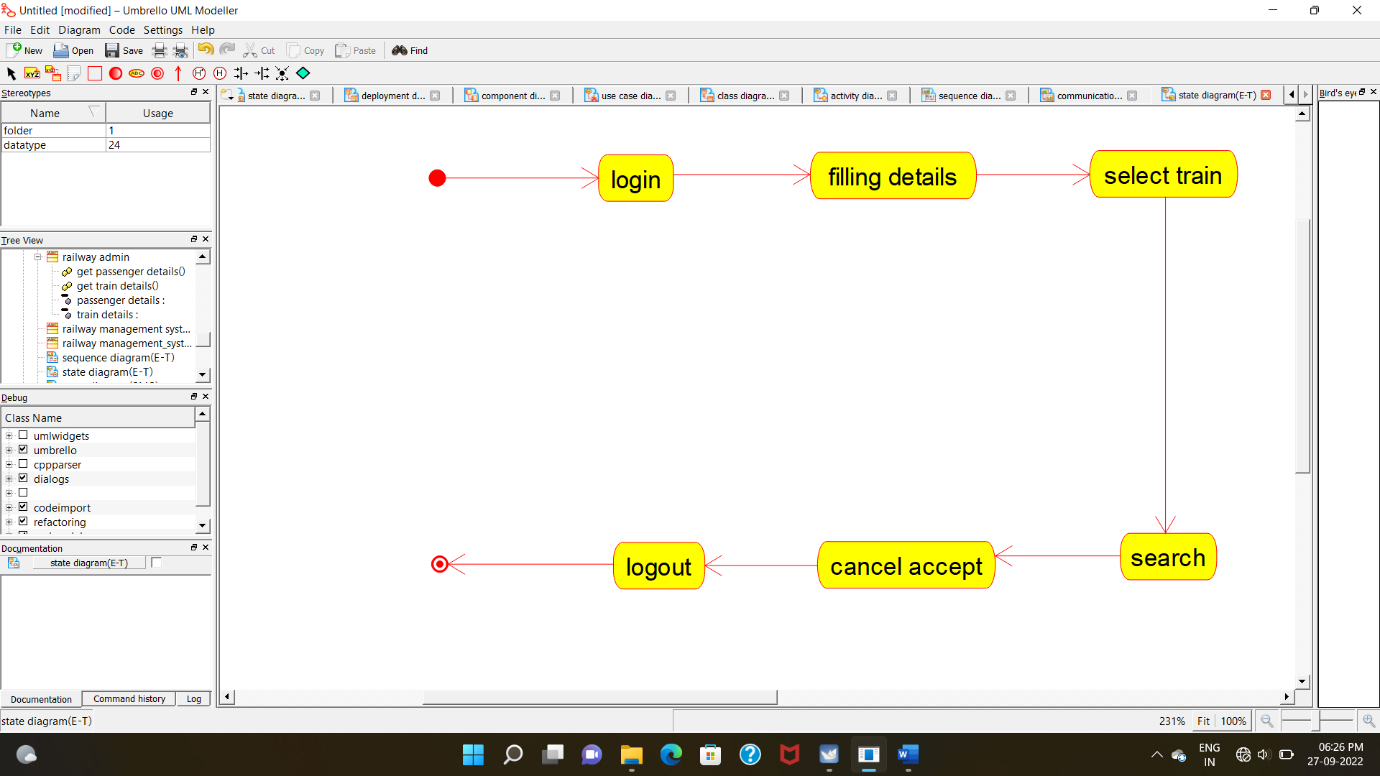
**SEQUENCE DIAGRAM**:



**COLLABORATION DIAGRAM:**



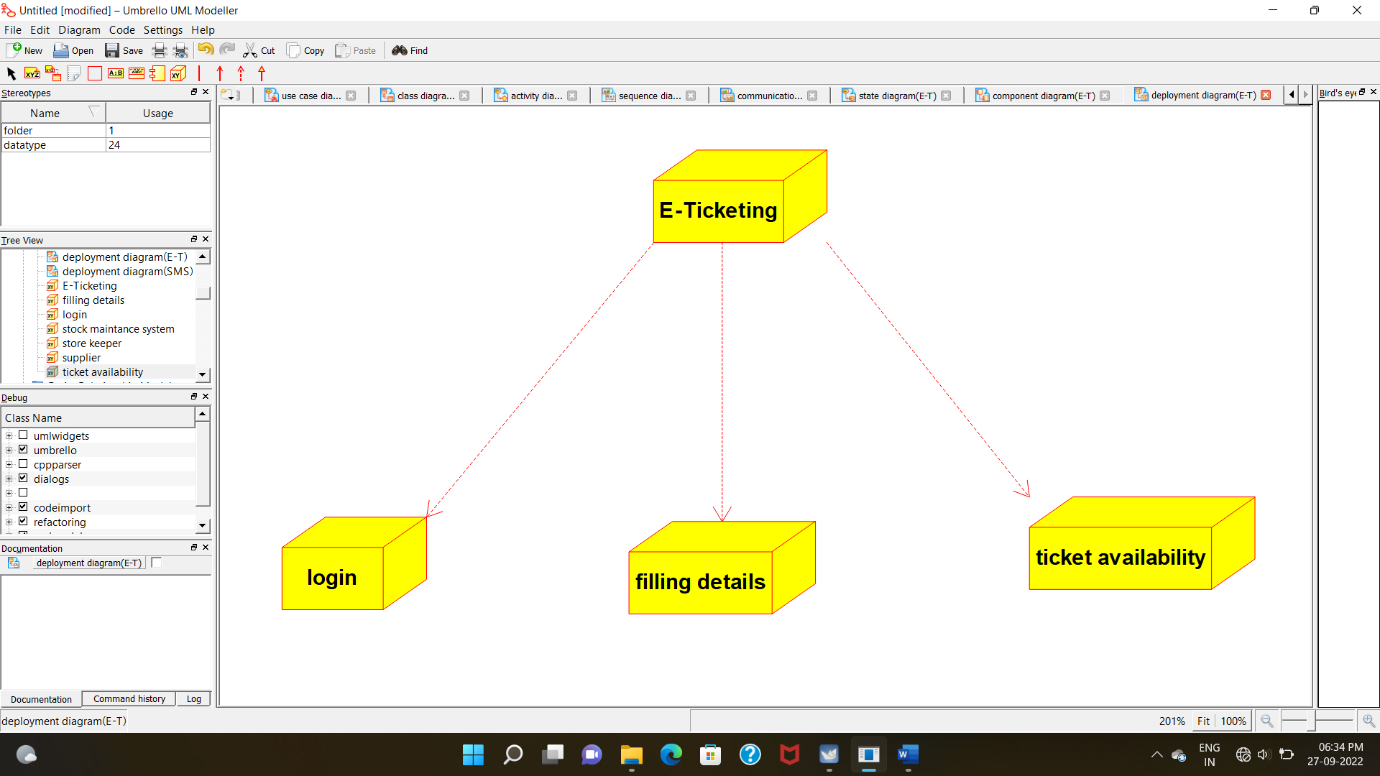
**STATE CHART DIAGRAM:**



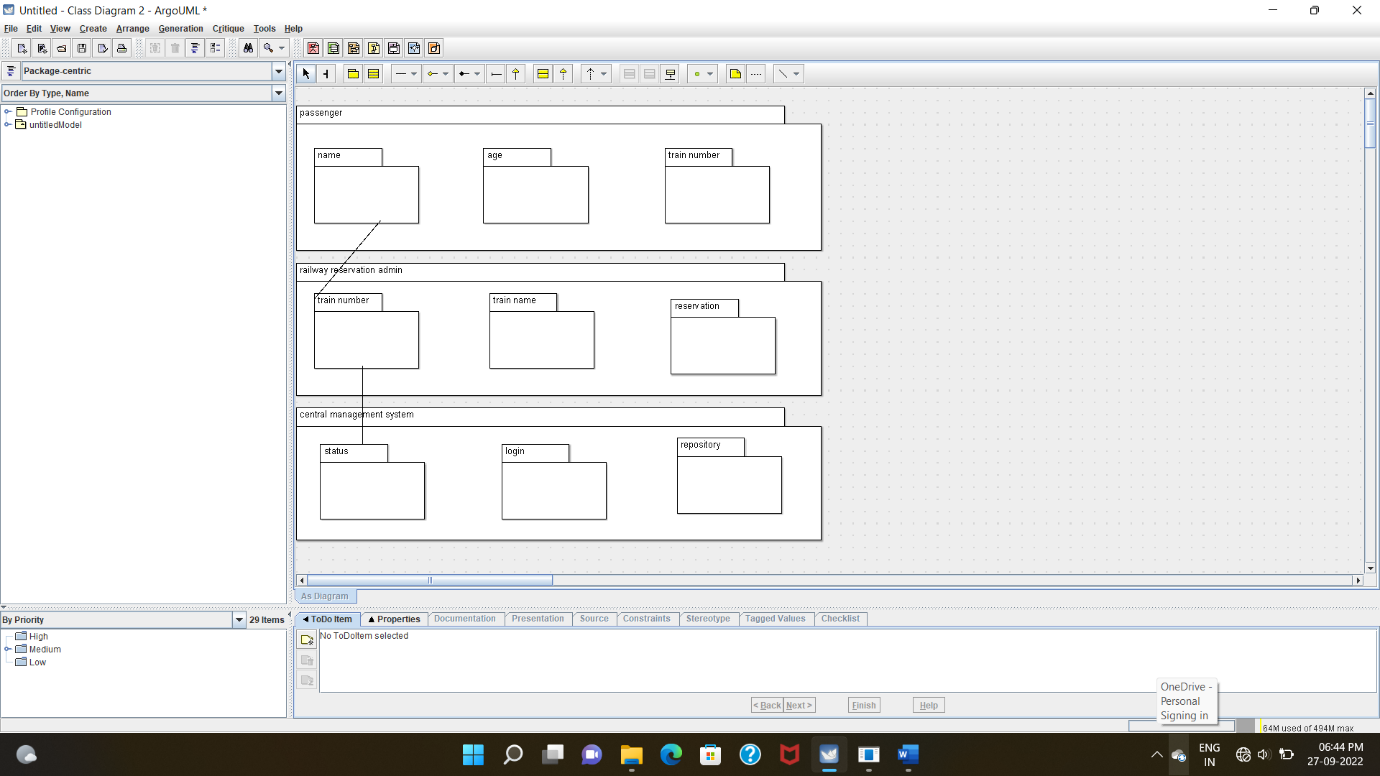
**COMPONENT DIAGRAM:**



**DEPLOYMENT DIAGRAM:**



**PACKAGE DIAGRAM:**



**PROGRAM CODING:**

**PASSENGER:**

/\*\*

\* Class passenger\_

\*/

public class passenger\_ {

//

// Fields

//

private void passenger\_details;

//

// Constructors

//

public passenger\_ () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of passenger\_details

\* @param newVar the new value of passenger\_details

\*/

private void setPassenger\_details (void newVar) {

passenger\_details = newVar;

}

/\*\*

\* Get the value of passenger\_details

\* @return the value of passenger\_details

\*/

private void getPassenger\_details () {

return passenger\_details;

}

//

// Other methods

//

/\*\*

\*/

public void get\_passenger\_details()

{

}

}

**CENTRAL MANAGEMENT SYSTEM:**

/\*\*

\* Class central\_management

\*/

public class central\_management {

//

// Fields

//

private void train\_name;

private void passenger\_name;

private void reservation\_details;

private void cancellation\_details;

private void status;

//

// Constructors

//

public central\_management () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of train\_name

\* @param newVar the new value of train\_name

\*/

private void setTrain\_name (void newVar) {

train\_name = newVar;

}

/\*\*

\* Get the value of train\_name

\* @return the value of train\_name

\*/

private void getTrain\_name () {

return train\_name;

}

/\*\*

\* Set the value of passenger\_name

\* @param newVar the new value of passenger\_name

\*/

private void setPassenger\_name (void newVar) {

passenger\_name = newVar;

}

/\*\*

\* Get the value of passenger\_name

\* @return the value of passenger\_name

\*/

private void getPassenger\_name () {

return passenger\_name;

}

/\*\*

\* Set the value of reservation\_details

\* @param newVar the new value of reservation\_details

\*/

private void setReservation\_details (void newVar) {

reservation\_details = newVar;

}

/\*\*

\* Get the value of reservation\_details

\* @return the value of reservation\_details

\*/

private void getReservation\_details () {

return reservation\_details;

}

/\*\*

\* Set the value of cancellation\_details

\* @param newVar the new value of cancellation\_details

\*/

private void setCancellation\_details (void newVar) {

cancellation\_details = newVar;

}

/\*\*

\* Get the value of cancellation\_details

\* @return the value of cancellation\_details

\*/

private void getCancellation\_details () {

return cancellation\_details;

}

/\*\*

\* Set the value of status

\* @param newVar the new value of status

\*/

private void setStatus (void newVar) {

status = newVar;

}

/\*\*

\* Get the value of status

\* @return the value of status

\*/

private void getStatus () {

return status;

}

//

// Other methods

//

/\*\*

\*/

public void train\_details()

{

}

/\*\*

\*/

public void passenger\_details()

{

}

/\*\*

\*/

public void get\_reservation\_details()

{

}

/\*\*

\*/

public void get\_cancallation\_details()

{

}

/\*\*

\*/

public void get\_status()

{

}

}

**RAILWAY ADMIN:**

/\*\*

\* Class railway\_admin

\*/

public class railway\_admin {

//

// Fields

//

private void train\_details;

private void passenger\_details;

//

// Constructors

//

public railway\_admin () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of train\_details

\* @param newVar the new value of train\_details

\*/

private void setTrain\_details (void newVar) {

train\_details = newVar;

}

/\*\*

\* Get the value of train\_details

\* @return the value of train\_details

\*/

private void getTrain\_details () {

return train\_details;

}

/\*\*

\* Set the value of passenger\_details

\* @param newVar the new value of passenger\_details

\*/

private void setPassenger\_details (void newVar) {

passenger\_details = newVar;

}

/\*\*

\* Get the value of passenger\_details

\* @return the value of passenger\_details

\*/

private void getPassenger\_details () {

return passenger\_details;

}

//

// Other methods

//

/\*\*

\*/

public void get\_train\_details()

{

}

/\*\*

\*/

public void get\_passenger\_details()

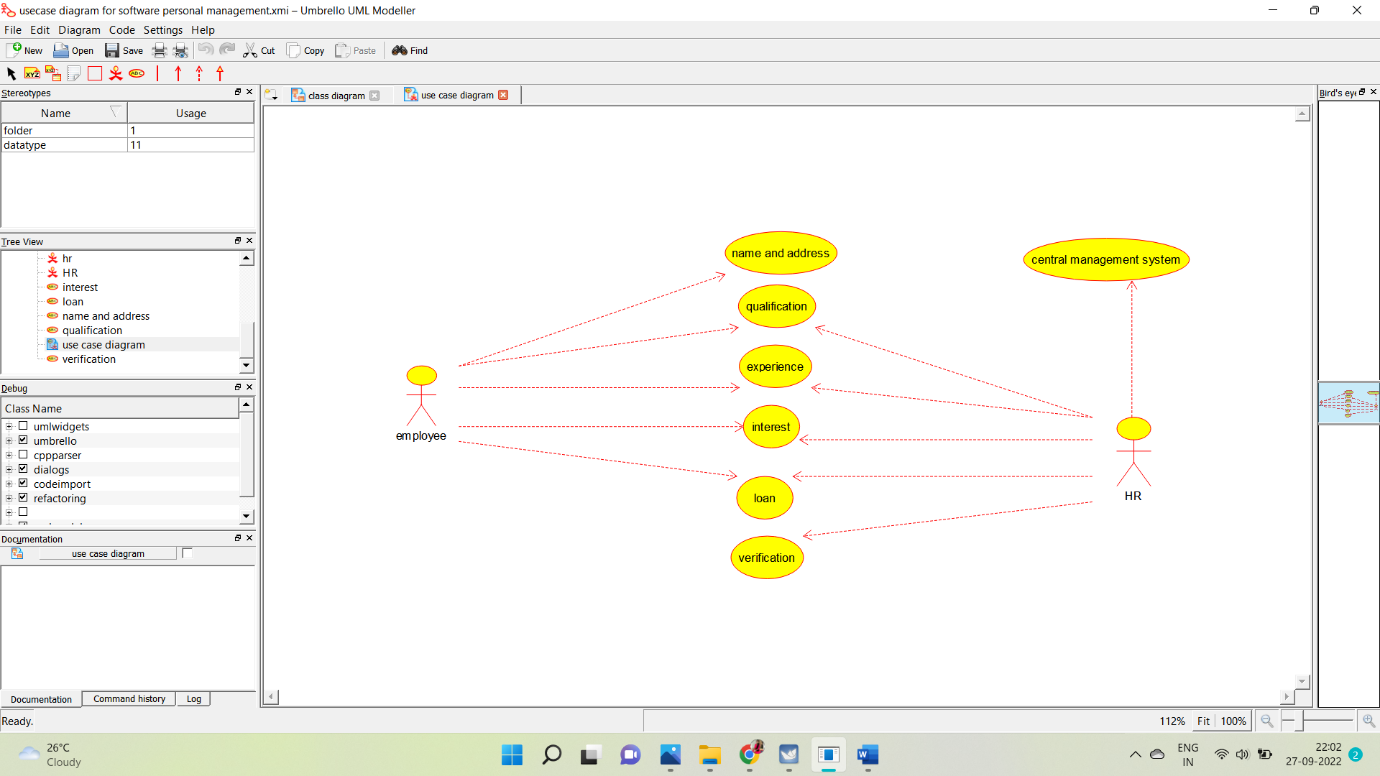
{

}

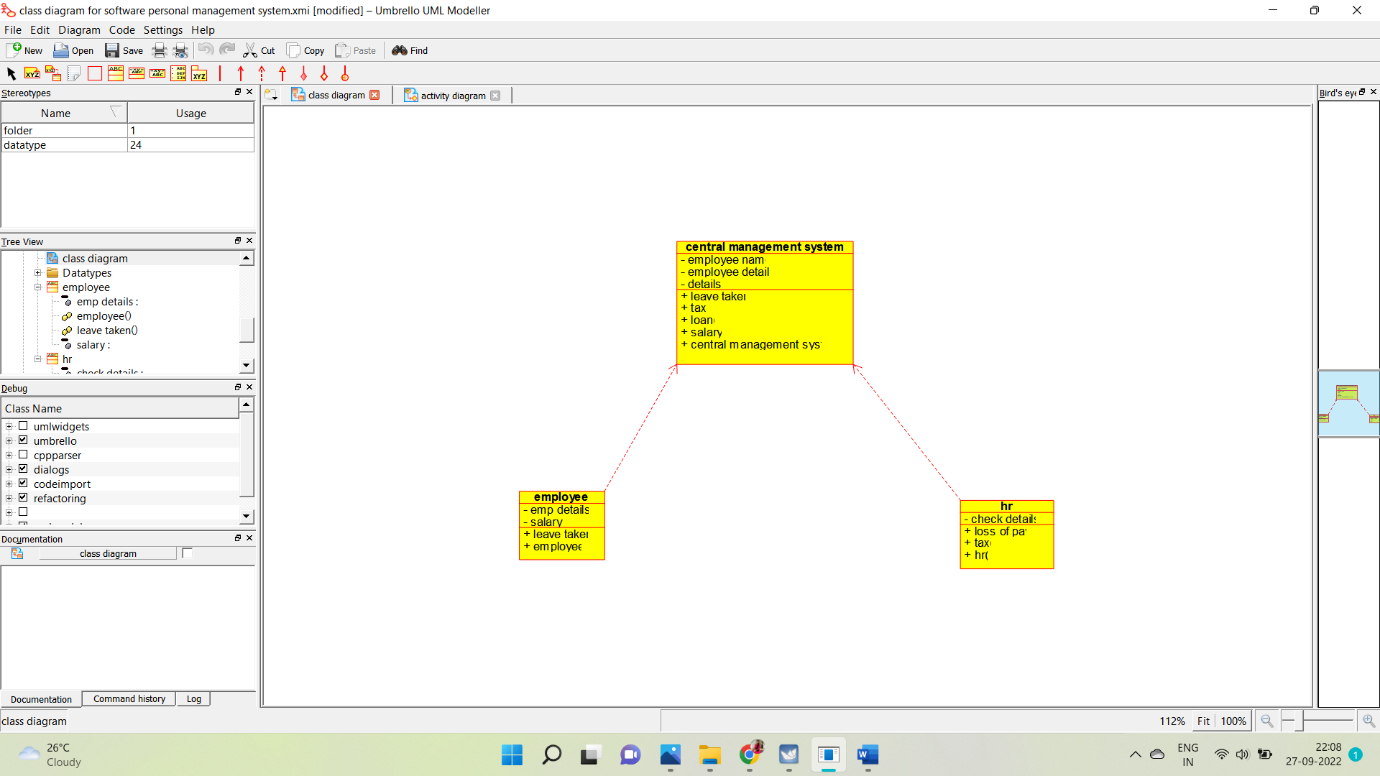
}

**EX:NO:08 SOFTWARE PERSONNEL MANAGEMENT SYSTEM**

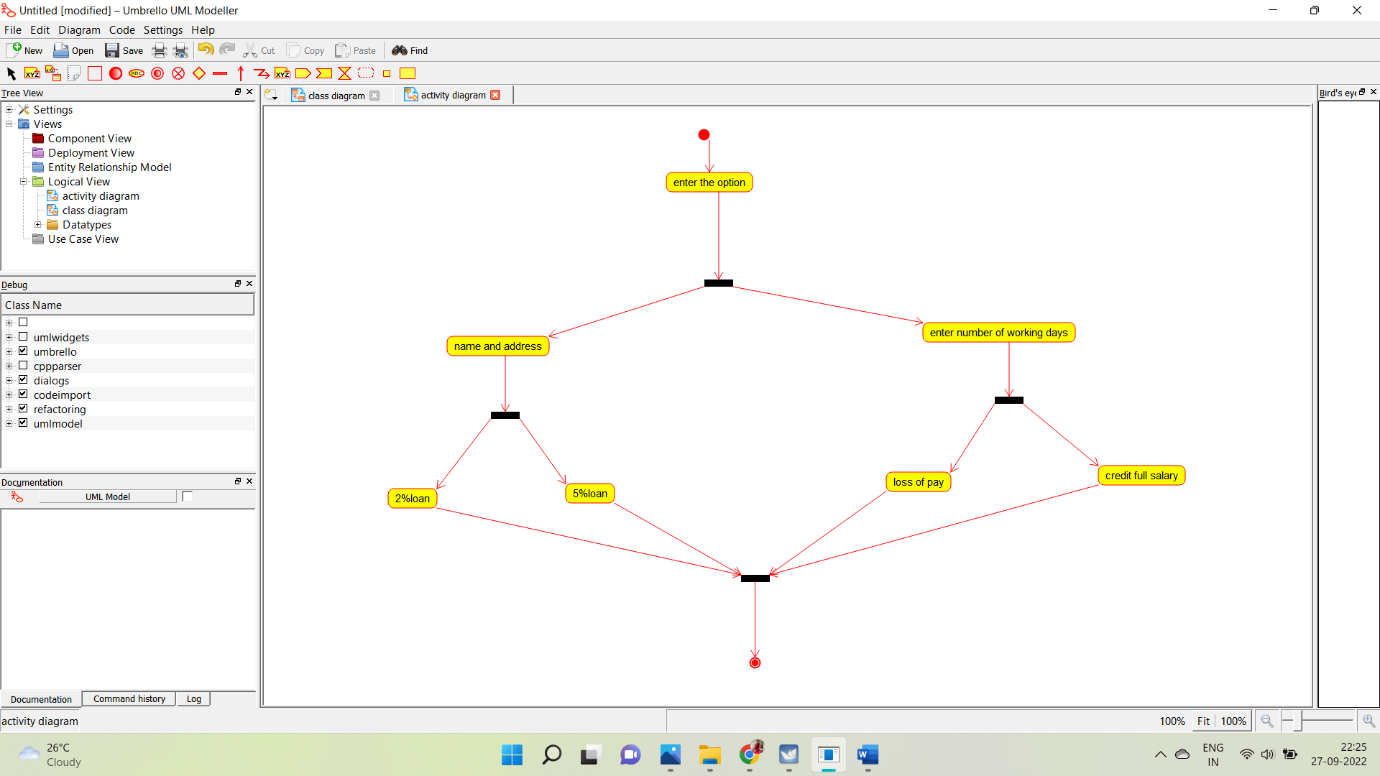
**USECASE DIAGRAM:**



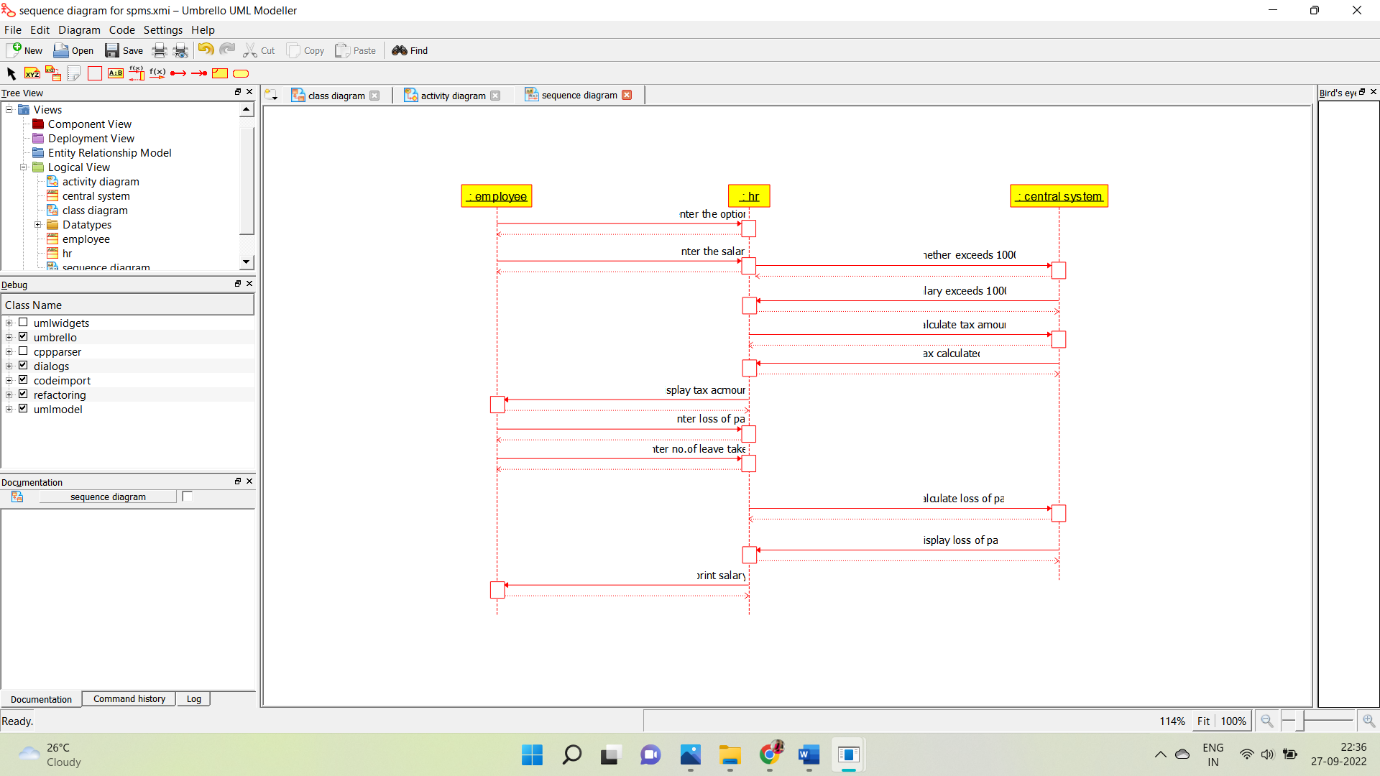
**CLASS DIAGRAM:**



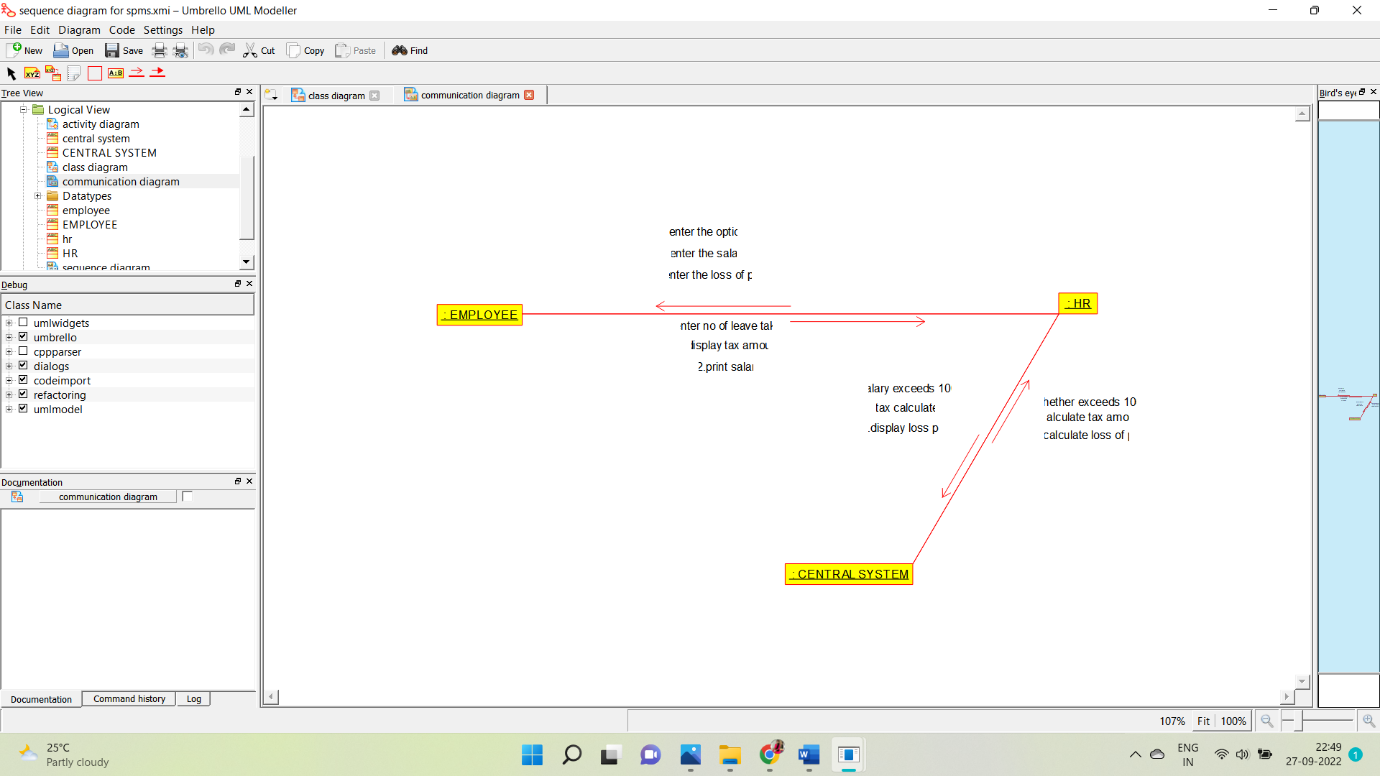
**ACTIVITY DIAGRAM:**



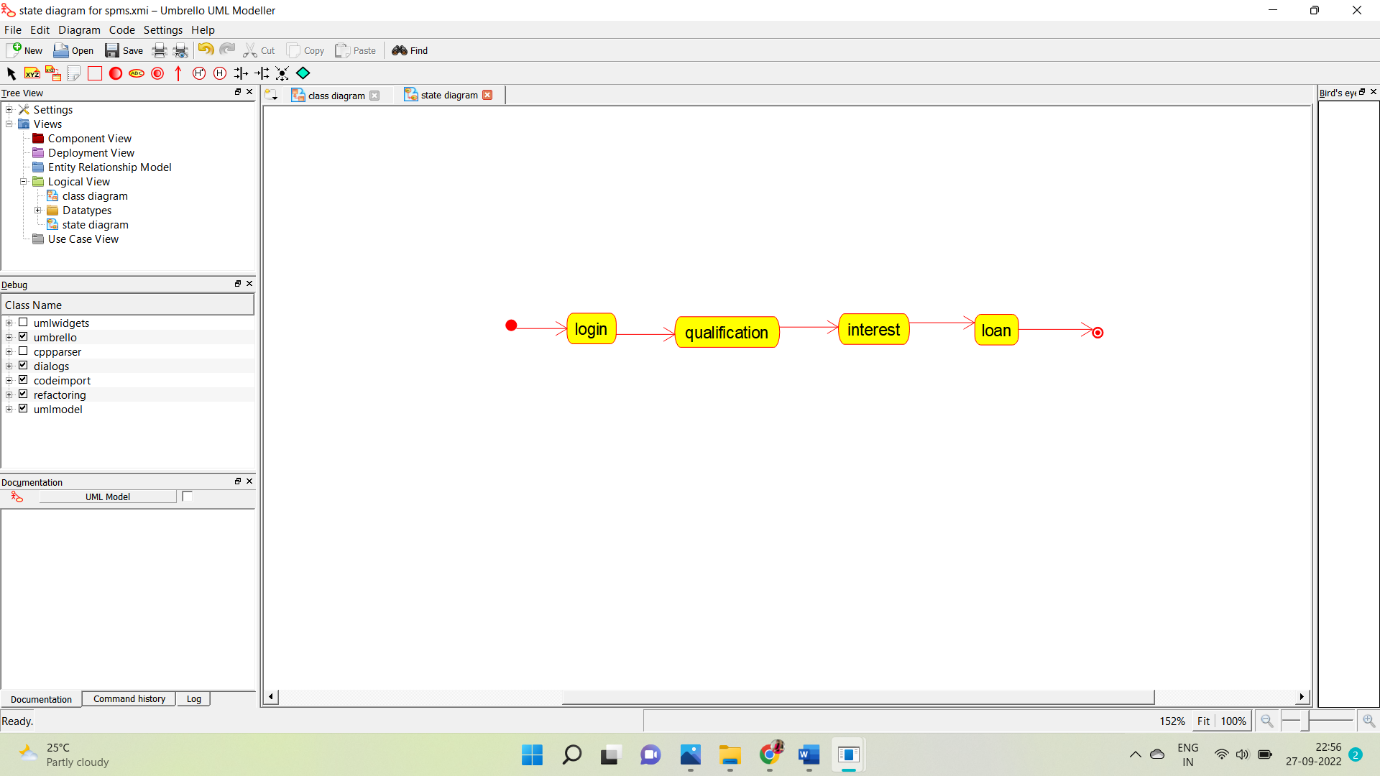
**SEQUENCE DIAGRAM:**



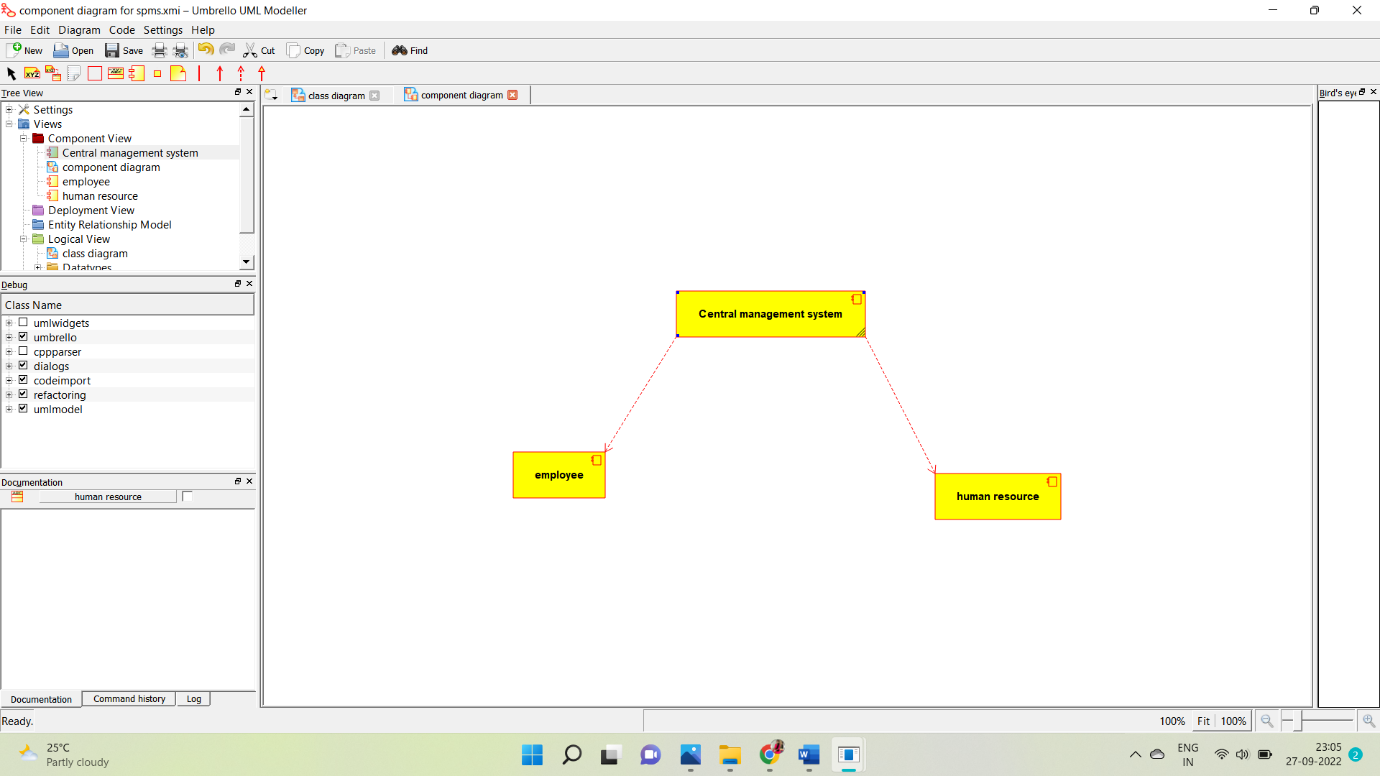
**COLLABORATION DIAGRAM:**



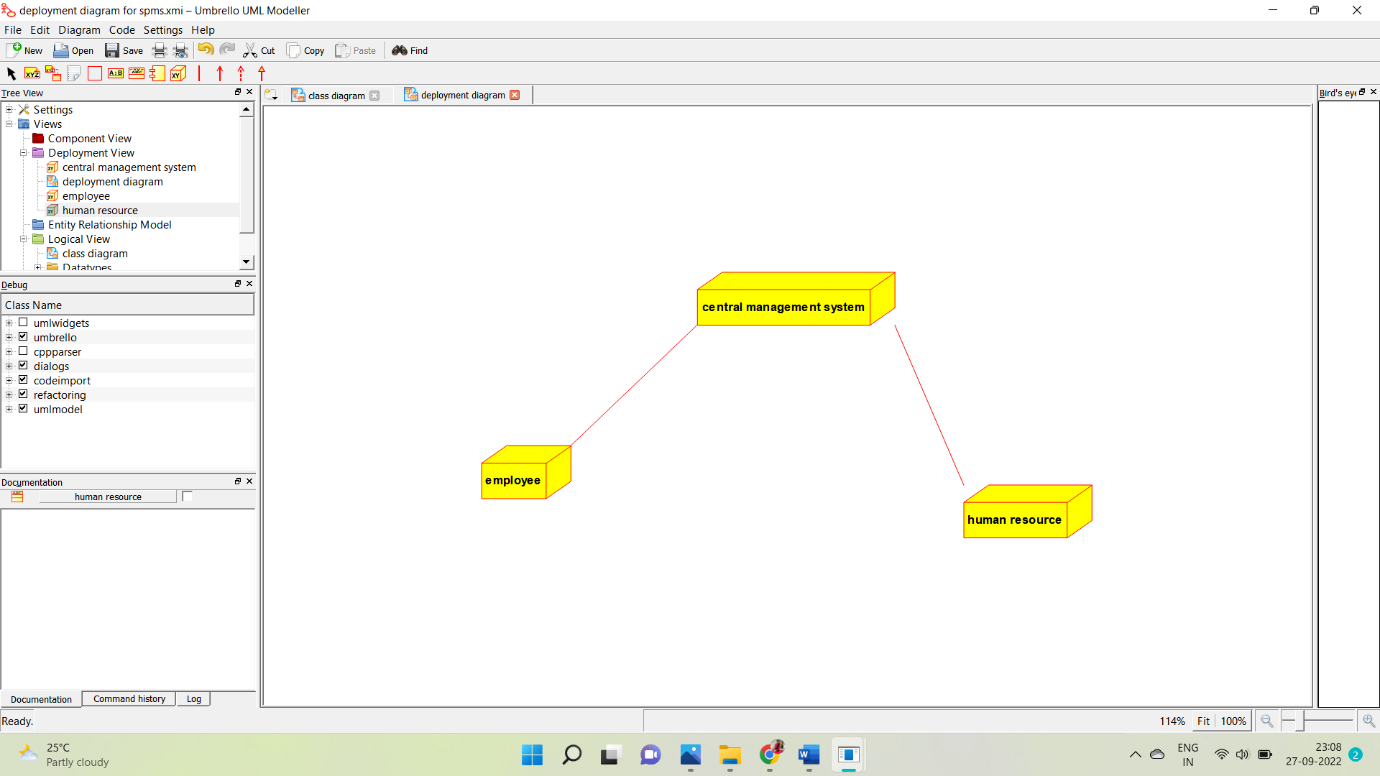
**STATE CHART DIAGRAM:**



**COMPONENT DIAGRAM:**



**DEPLOYMENT DIAGRAM:**



**PROGRAM CODING:**

**EMPLOYEE:**

Public class employee

{

Public integer employee details;

Public integer salary;

Public void leave taken()

{

}

Public void employee()

{

}

}

**HUMAN RESOURCES:**

Public class HR

{

Public integer check details;

Public void loss of pay()

{

}

Public void tax()

{

}

Public void HR()

{

}

}

**CENTRAL MANAGEMENT SYSTEM:**

Public class central management system

{

Public integer employee name;

Public integer employee no;

Public integer details;

Public void leave taken()

{

}

Public void tax()

{

}

Public void loan()

{

}

Public void salary()

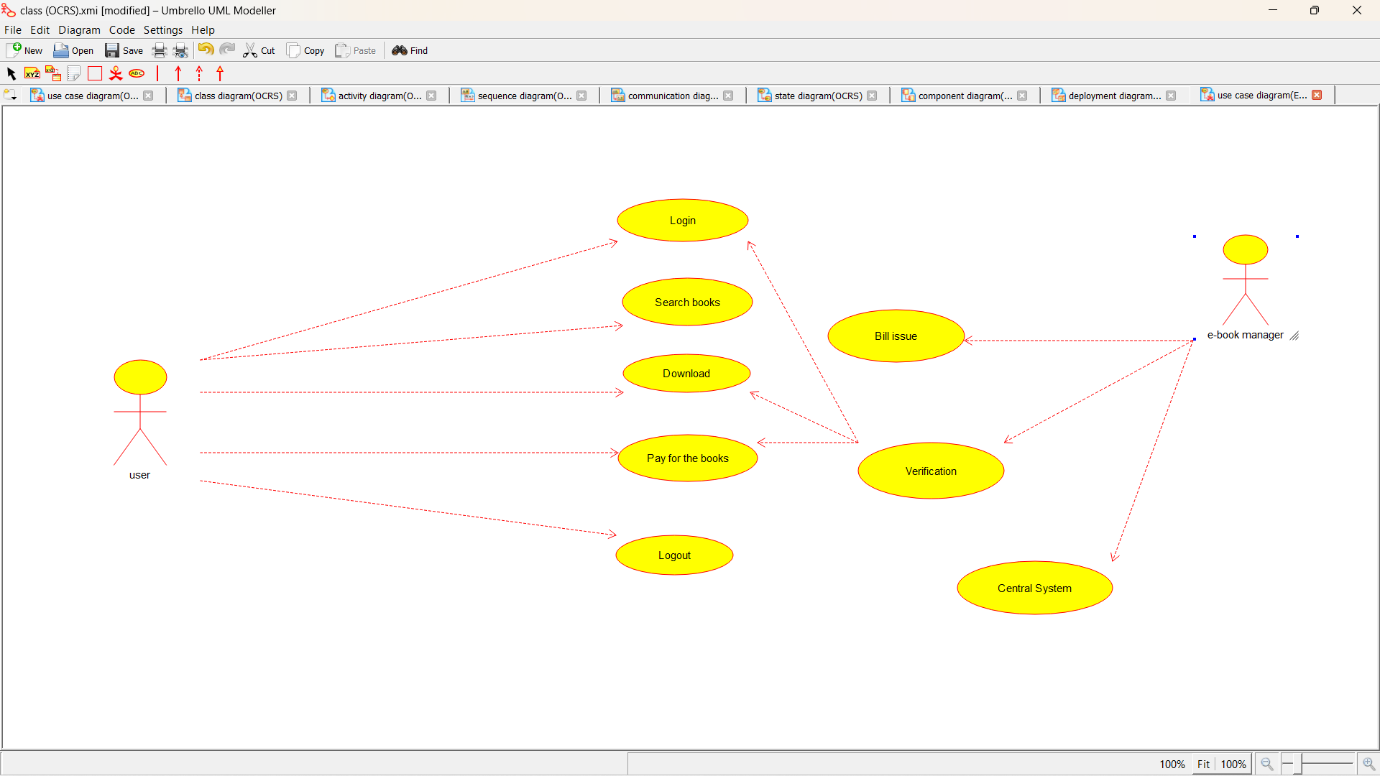
{

}

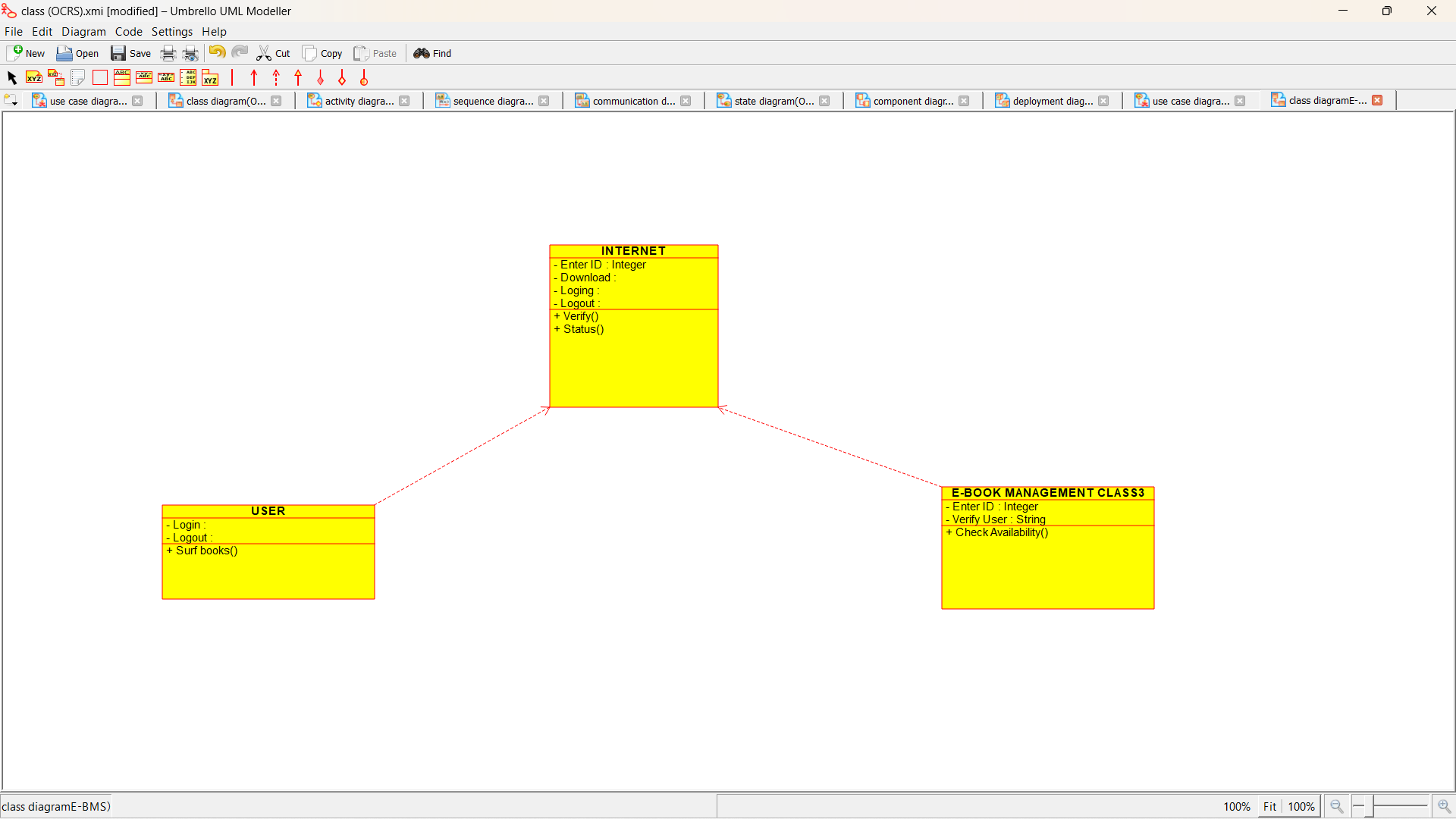
}

**EXP:NO:09 BOOK MANAGEMENT SYSTEM**

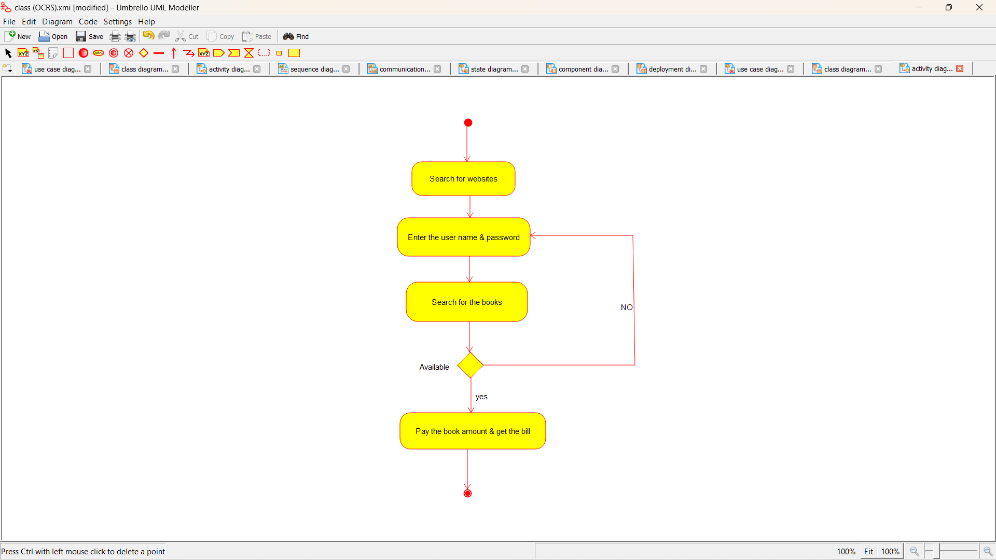
**USECASE DIAGRAM:**



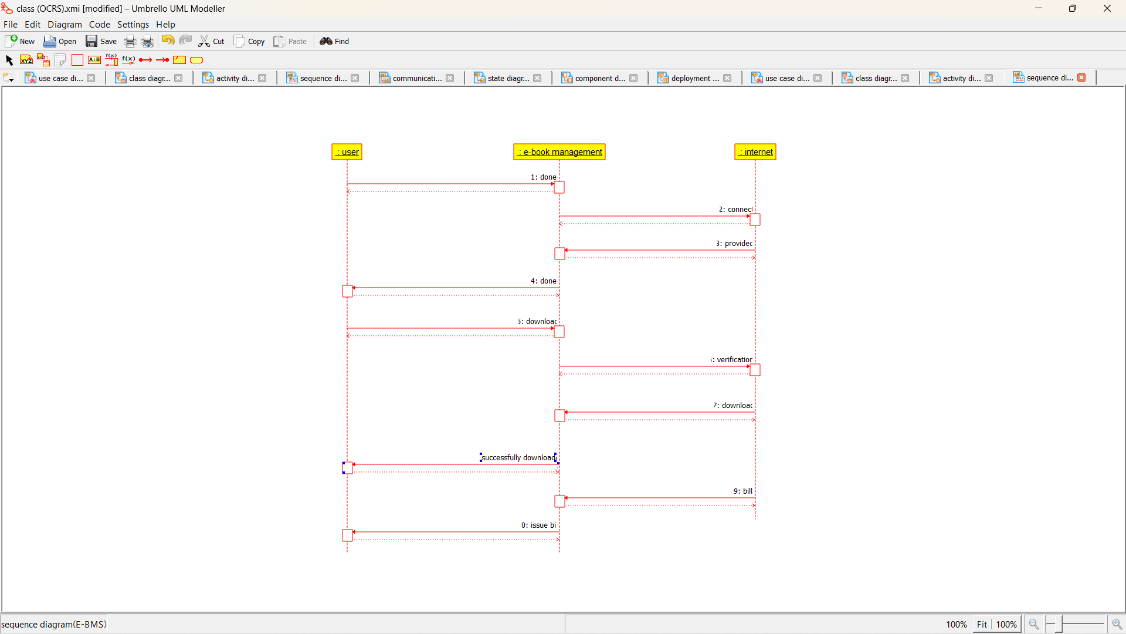
**CLASS DIAGRAM:**



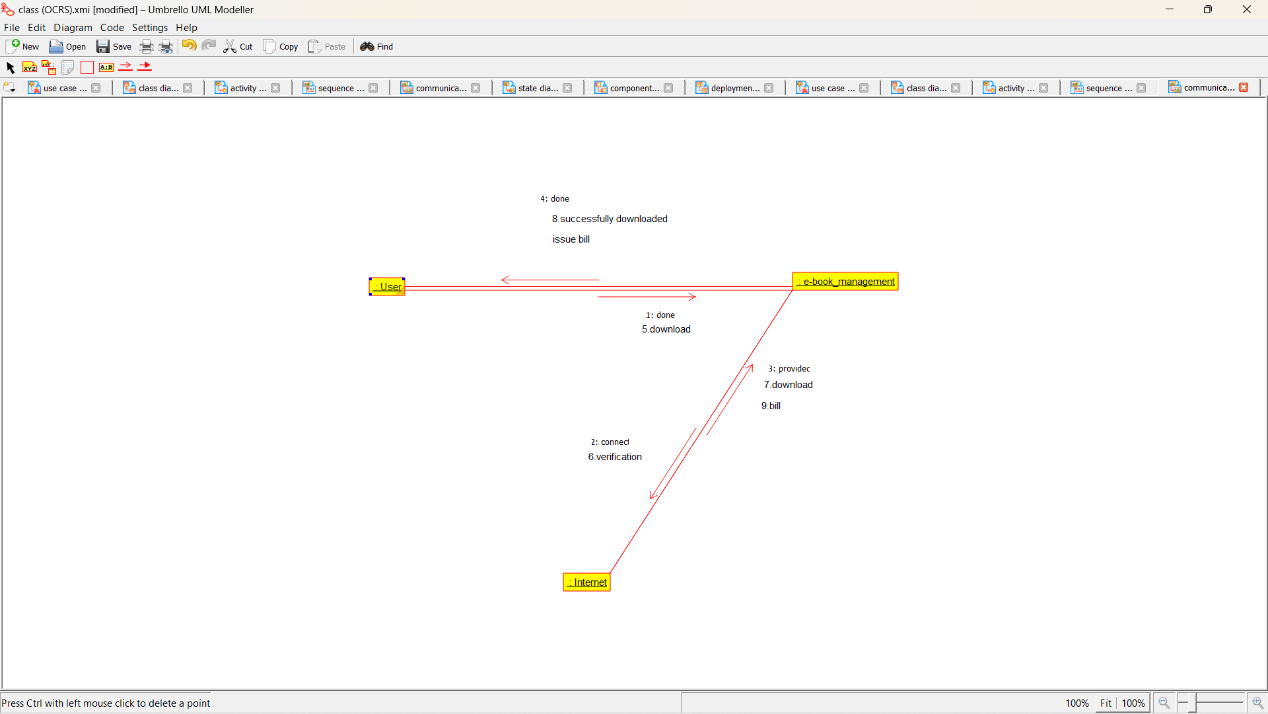
**ACTIVITY DIAGRAM:**



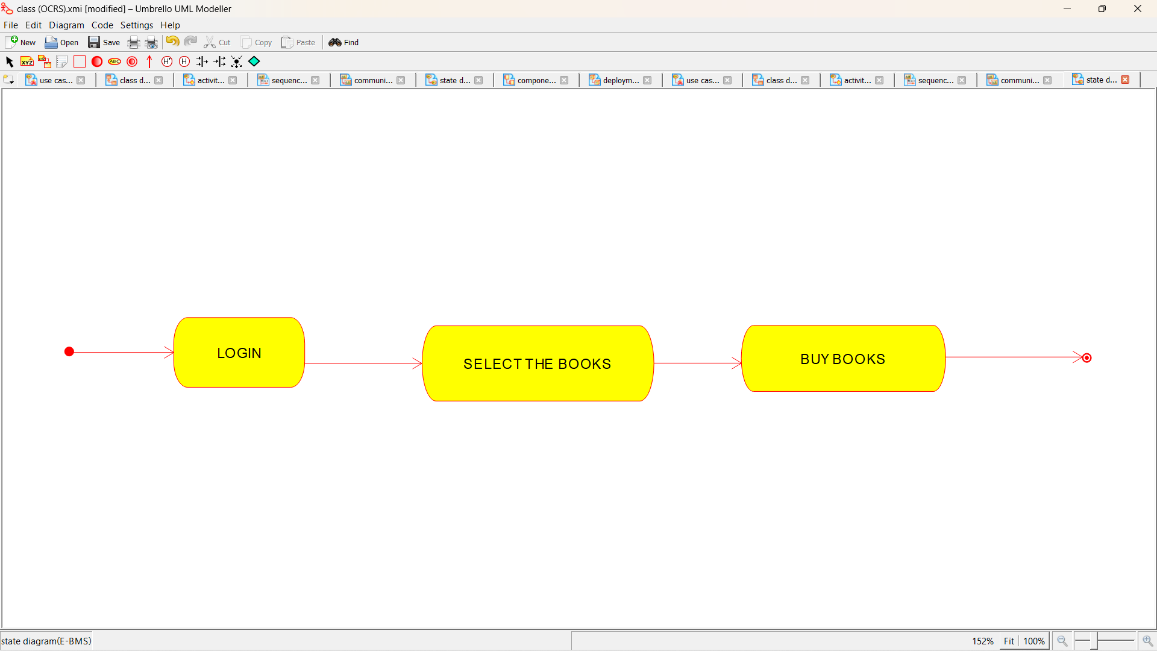
**SEQUENCE DIAGRAM:**



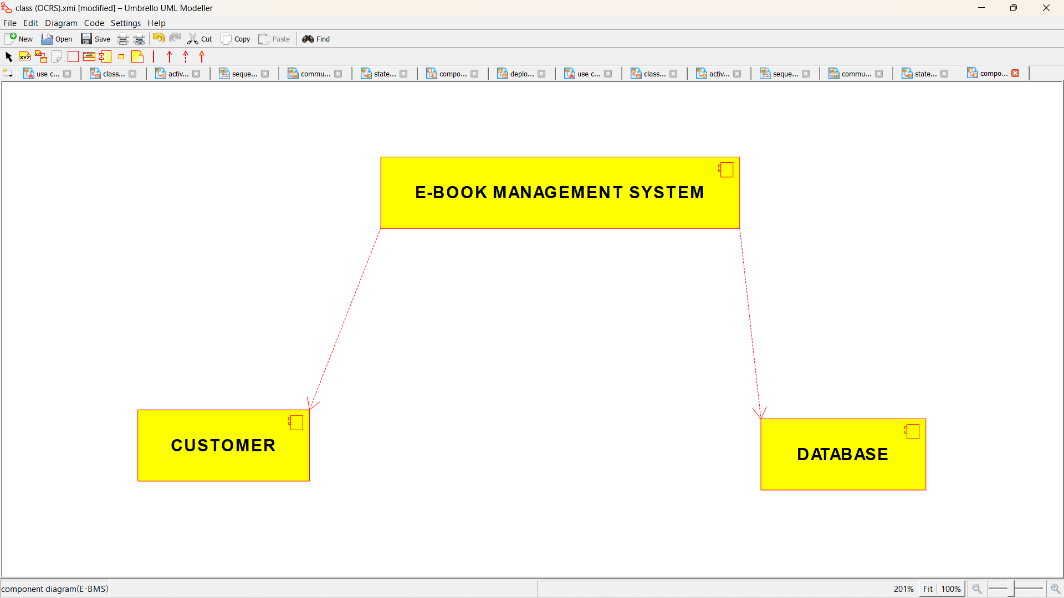
**COLLABORATION DIAGRAM**:



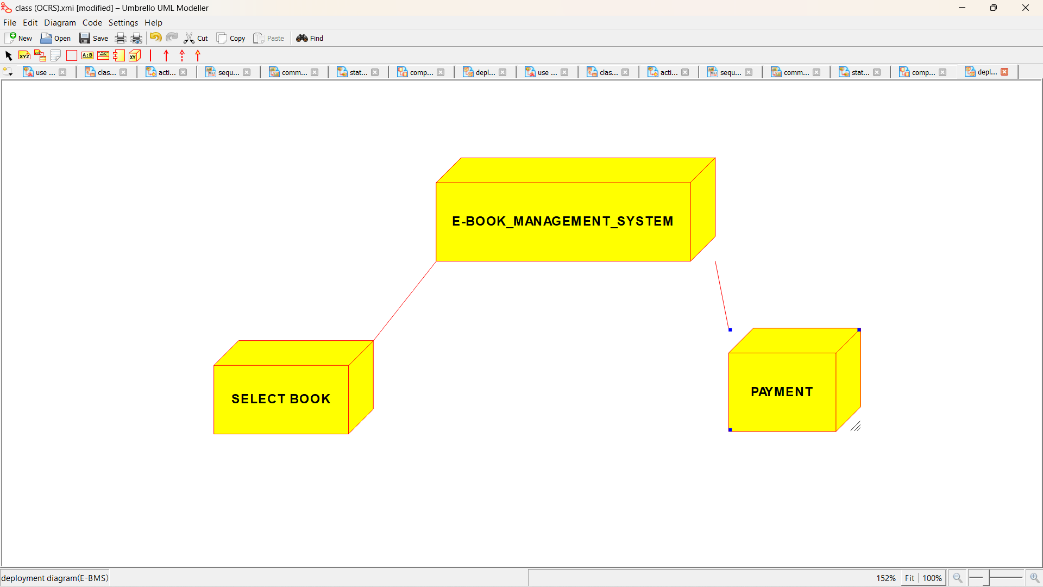
**STATE DIAGRAM:**



**COMPONENT DIAGRAM**:



**DEPLOYMENT DIAGRAM:**



**PROGRAM CODING:**

/\*\*

\* Class E\_BOOK\_MANAGEMENT\_CLASS3

\*/

public class E\_BOOK\_MANAGEMENT\_CLASS3 {

//

// Fields

//

private Integer Enter\_ID;

private String Verify\_User;

//

// Constructors

//

public E\_BOOK\_MANAGEMENT\_CLASS3 () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of Enter\_ID

\* @param newVar the new value of Enter\_ID

\*/

private void setEnter\_ID (Integer newVar) {

Enter\_ID = newVar;

}

/\*\*

\* Get the value of Enter\_ID

\* @return the value of Enter\_ID

\*/

private Integer getEnter\_ID () {

return Enter\_ID;

}

/\*\*

\* Set the value of Verify\_User

\* @param newVar the new value of Verify\_User

\*/

private void setVerify\_User (String newVar) {

Verify\_User = newVar;

}

/\*\*

\* Get the value of Verify\_User

\* @return the value of Verify\_User

\*/

private String getVerify\_User () {

return Verify\_User;

}

//

// Other methods

//

/\*\*

\*/

public void Check\_Availability()

{

}

}

/\*\*

\* Class INTERNET

\*/

public class INTERNET {

//

// Fields

//

private Integer Enter\_ID;

private void Download;

private void Loging;

private void Logout;

//

// Constructors

//

public INTERNET () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of Enter\_ID

\* @param newVar the new value of Enter\_ID

\*/

private void setEnter\_ID (Integer newVar) {

Enter\_ID = newVar;

}

/\*\*

\* Get the value of Enter\_ID

\* @return the value of Enter\_ID

\*/

private Integer getEnter\_ID () {

return Enter\_ID;

}

/\*\*

\* Set the value of Download

\* @param newVar the new value of Download

\*/

private void setDownload (void newVar) {

Download = newVar;

}

/\*\*

\* Get the value of Download

\* @return the value of Download

\*/

private void getDownload () {

return Download;

}

/\*\*

\* Set the value of Loging

\* @param newVar the new value of Loging

\*/

private void setLoging (void newVar) {

Loging = newVar;

}

/\*\*

\* Get the value of Loging

\* @return the value of Loging

\*/

private void getLoging () {

return Loging;

}

/\*\*

\* Set the value of Logout

\* @param newVar the new value of Logout

\*/

private void setLogout (void newVar) {

Logout = newVar;

}

/\*\*

\* Get the value of Logout

\* @return the value of Logout

\*/

private void getLogout () {

return Logout;

}

//

// Other methods

//

/\*\*

\*/

public void Verify()

{

}

/\*\*

\*/

public void Status()

{

}

}

/\*\*

\* Class USER

\*/

public class USER

//

// Fields

//

private void Login;

private void Logout;

//

// Constructors

//

public USER () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of Login

\* @param newVar the new value of Login

\*/

private void setLogin (void newVar) {

Login = newVar;

}

/\*\*

\* Get the value of Login

\* @return the value of Login

\*/

private void getLogin () {

return Login;

}

/\*\*

\* Set the value of Logout

\* @param newVar the new value of Logout

\*/

private void setLogout (void newVar) {

Logout = newVar;

}

/\*\*

\* Get the value of Logout

\* @return the value of Logout

\*/

private void getLogout () {

return Logout;

}

//

// Other methods

//

/\*\*

\*/

public void Surf\_books()

{

}

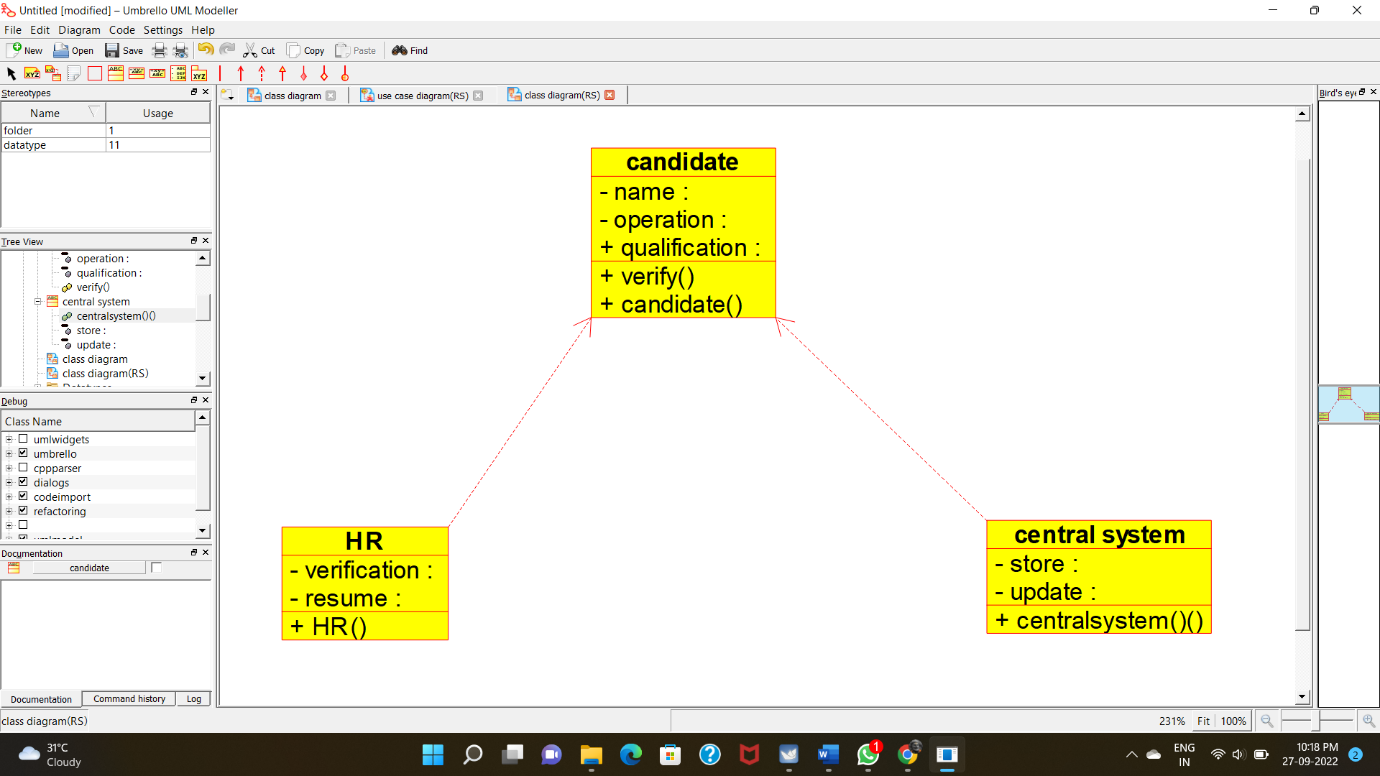
}

**EX:NO:10 RECRUITMENT SYSTEM**

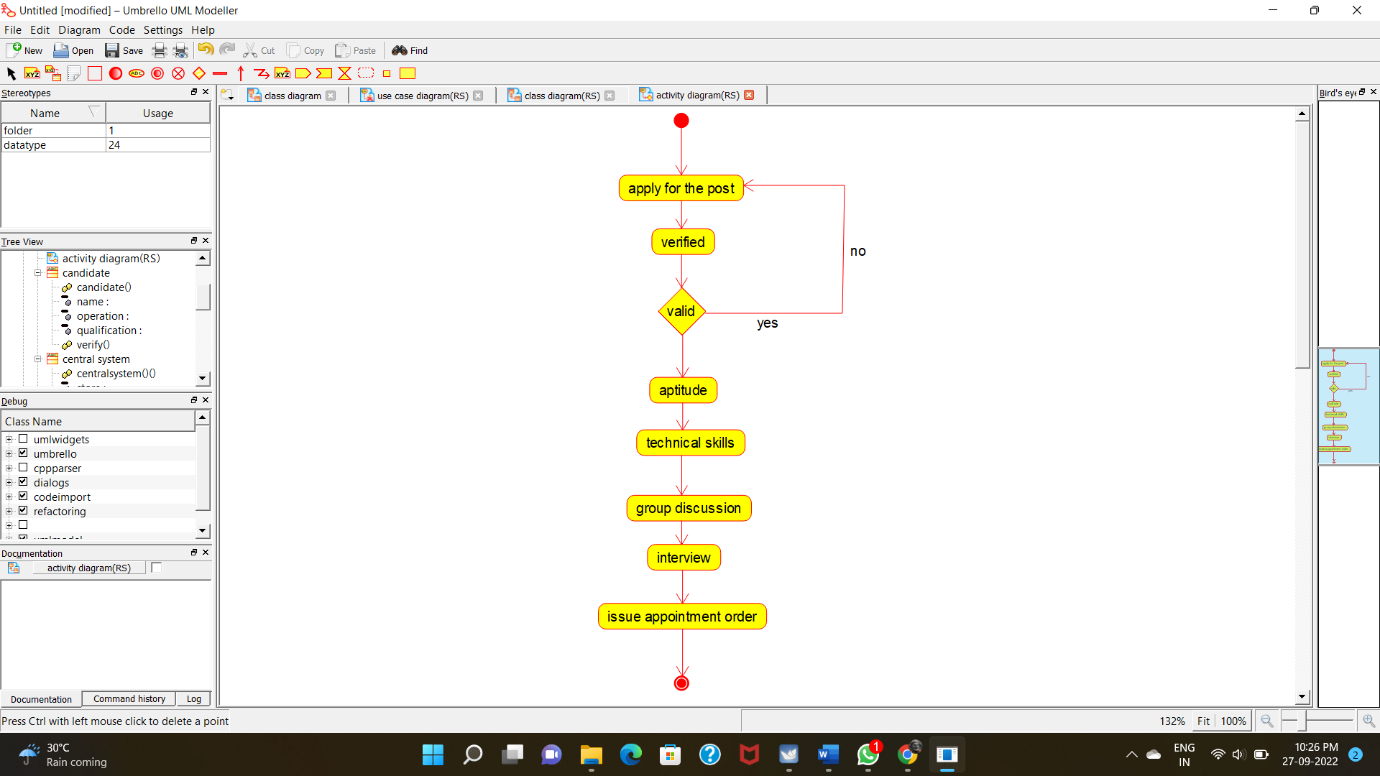
**USE CASE DIAGRAM:**



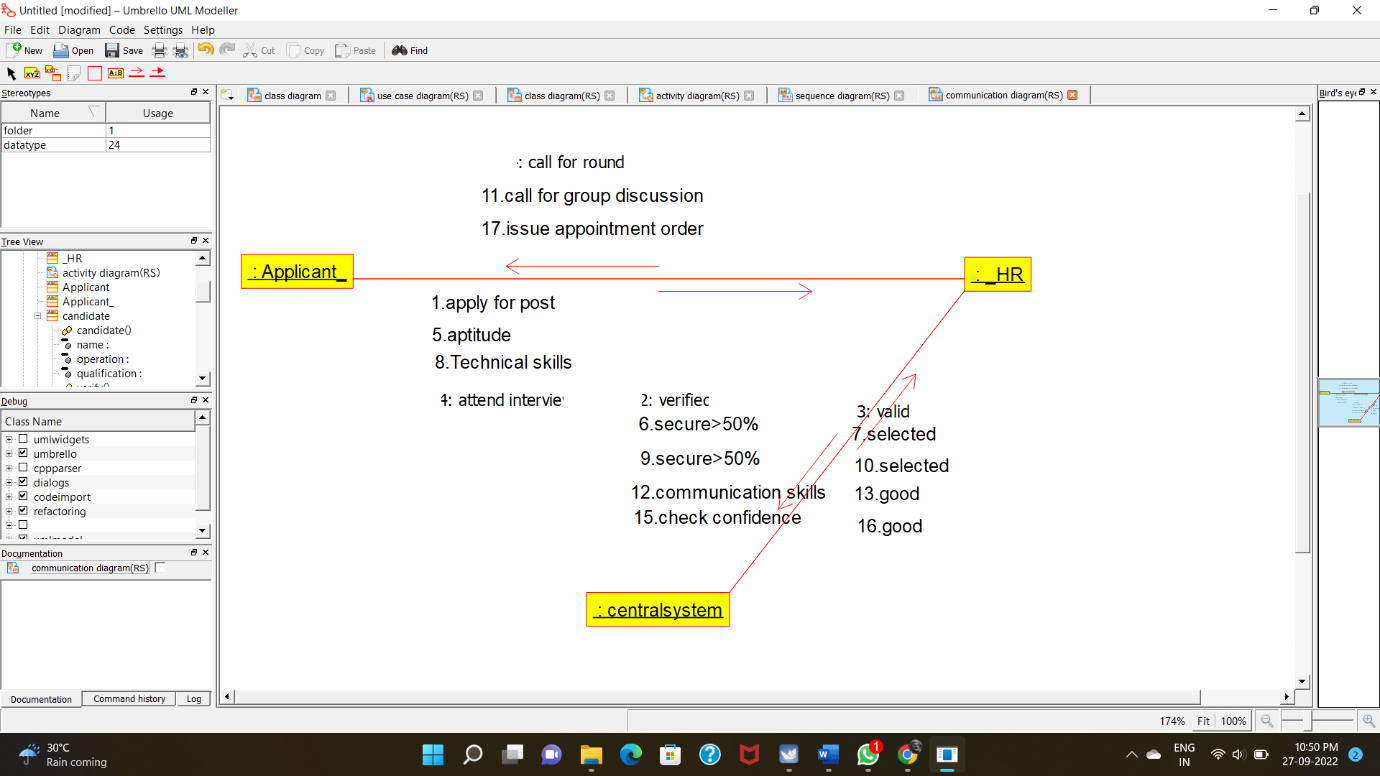
**CLASSDIAGRAM:**

****

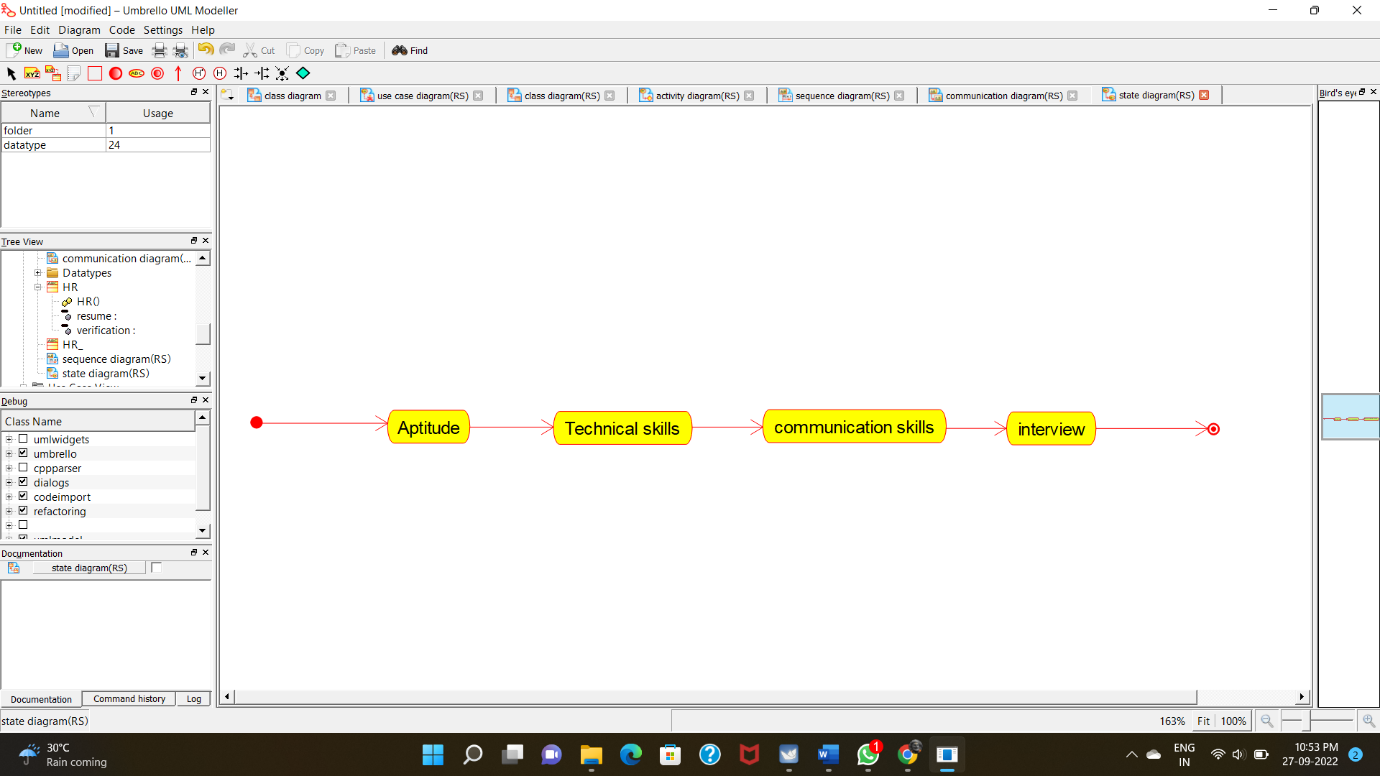
**ACTIVITY DIAGRAM:**



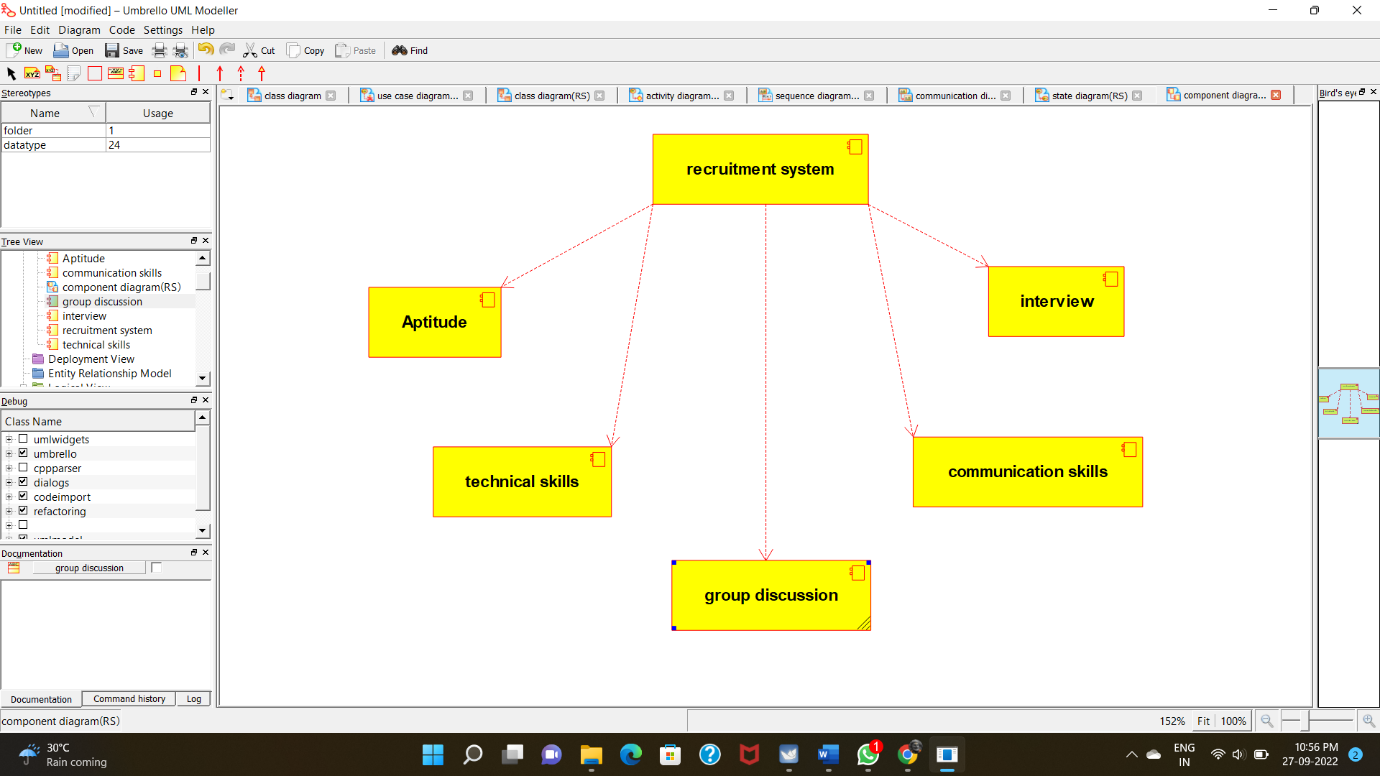
**COLLABORATIONDIAGRAM:**



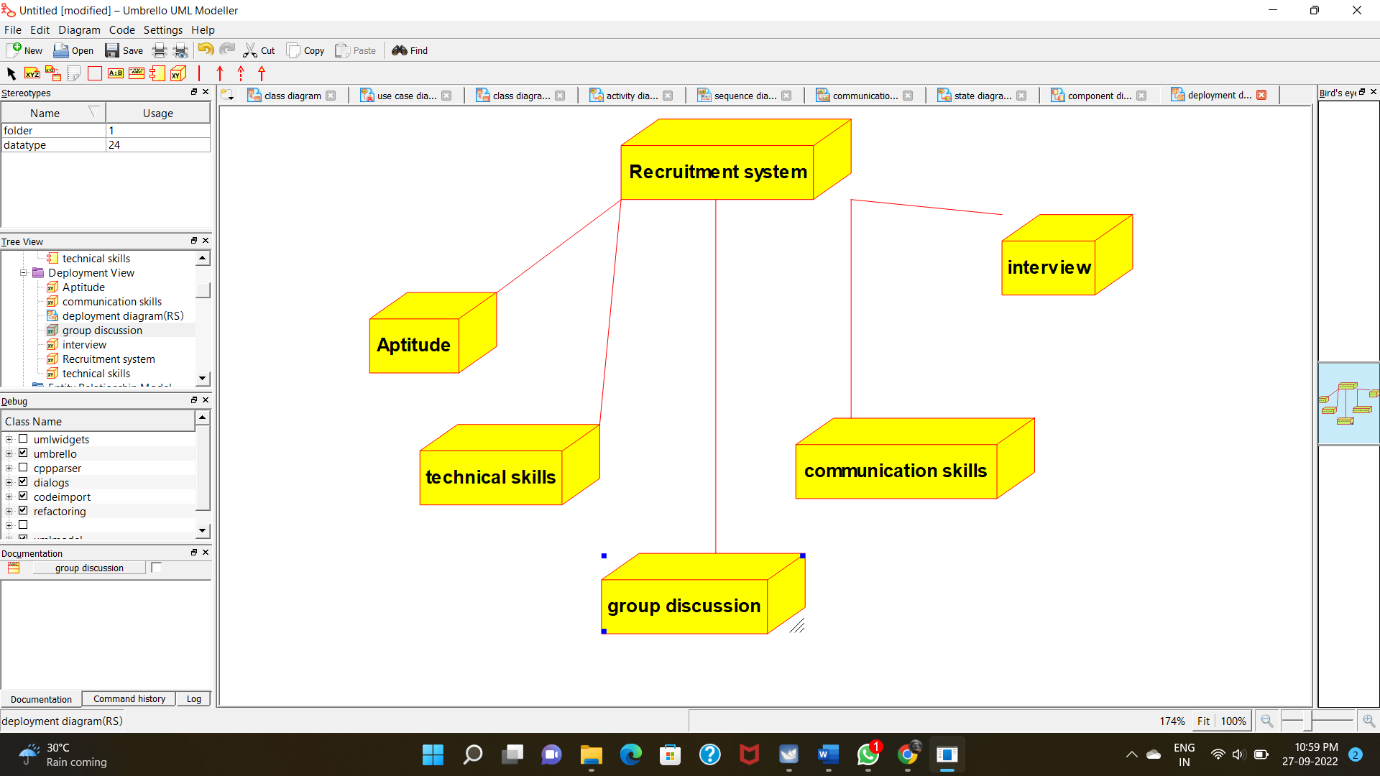
**STATE CHART DIAGRAM:**



**COMPONENT DIAGRAM:**



**DEPLOYMENT DIAGRAM:**



**PROGRAM CODING:**

**CENTRAL SYSTEM:**

**/\*\***

**\* Class central\_system**

**\*/**

**public class central\_system {**

**//**

**// Fields**

**//**

**private void store;**

**private void update;**

**//**

**// Constructors**

**//**

**public central\_system () { };**

**//**

**// Methods**

**//**

**//**

**// Accessor methods**

**//**

**/\*\***

**\* Set the value of store**

**\* @param newVar the new value of store**

**\*/**

**private void setStore (void newVar) {**

**store = newVar;**

**}**

**/\*\***

**\* Get the value of store**

**\* @return the value of store**

**\*/**

**private void getStore () {**

**return store;**

**}**

**/\*\***

**\* Set the value of update**

**\* @param newVar the new value of update**

**\*/**

**private void setUpdate (void newVar) {**

**update = newVar;**

**}**

**/\*\***

**\* Get the value of update**

**\* @return the value of update**

**\*/**

**private void getUpdate () {**

**return update;**

**}**

**//**

**// Other methods**

**//**

**/\*\***

**\*/**

**public void centralsystem\_()**

**{**

**}**

**}**

**HR:**

**/\*\***

**\* Class HR**

**\*/**

**public class HR {**

**//**

**// Fields**

**//**

**private void verification;**

**private void resume;**

**//**

**// Constructors**

**//**

**public HR () { };**

**//**

**// Methods**

**//**

**//**

**// Accessor methods**

**//**

**/\*\***

**\* Set the value of verification**

**\* @param newVar the new value of verification**

**\*/**

**private void setVerification (void newVar) {**

**verification = newVar;**

**}**

**/\*\***

**\* Get the value of verification**

**\* @return the value of verification**

**\*/**

**private void getVerification () {**

**return verification;**

**}**

**/\*\***

**\* Set the value of resume**

**\* @param newVar the new value of resume**

**\*/**

**private void setResume (void newVar) {**

**resume = newVar;**

**}**

**/\*\***

**\* Get the value of resume**

**\* @return the value of resume**

**\*/**

**private void getResume () {**

**return resume;**

**}**

**//**

**// Other methods**

**//**

**/\*\***

**\*/**

**public void HR()**

**{**

**}**

**}**

**CANDIDATE:**

**/\*\***

**\* Class candidate**

**\*/**

**public class candidate {**

**//**

**// Fields**

**//**

**public void qualification;**

**private void name;**

**private void operation;**

**//**

**// Constructors**

**//**

**public candidate () { };**

**//**

**// Methods**

**//**

**//**

**// Accessor methods**

**//**

**/\*\***

**\* Set the value of qualification**

**\* @param newVar the new value of qualification**

**\*/**

**public void setQualification (void newVar) {**

**qualification = newVar;**

**}**

**/\*\***

**\* Get the value of qualification**

**\* @return the value of qualification**

**\*/**

**public void getQualification () {**

**return qualification;**

**}**

**/\*\***

**\* 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 operation**

**\* @param newVar the new value of operation**

**\*/**

**private void setOperation (void newVar) {**

**operation = newVar;**

**}**

**/\*\***

**\* Get the value of operation**

**\* @return the value of operation**

**\*/**

**private void getOperation () {**

**return operation;**

**}**

**//**

**// Other methods**

**//**

**/\*\***

**\*/**

**public void verify()**

**{**

**}**

**/\*\***

**\*/**

**public void candidate()**

**{**

**}**

**}**