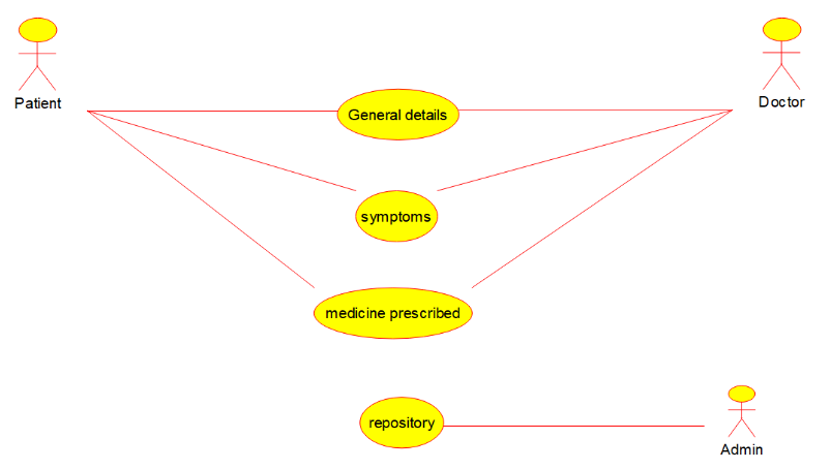
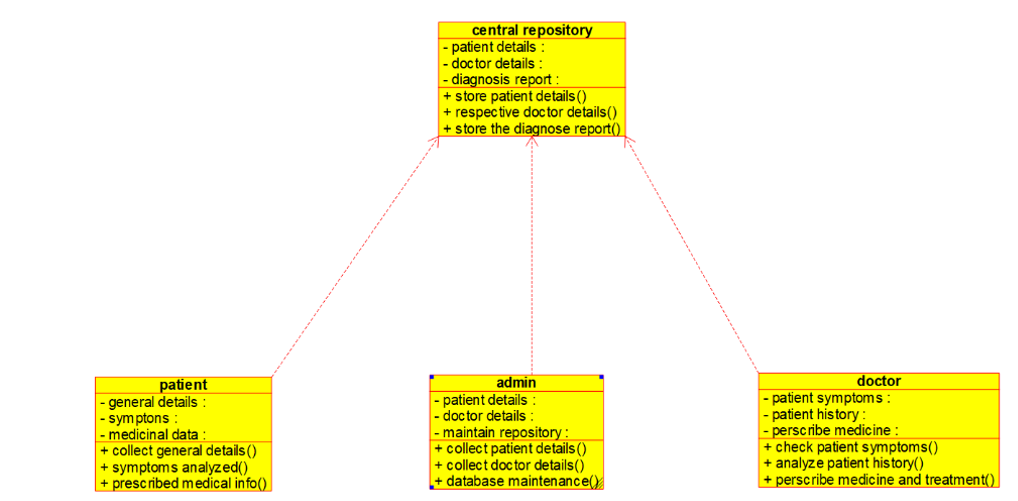
EX NO: 21 HOSPITAL MANAGEMENT SYSTEM

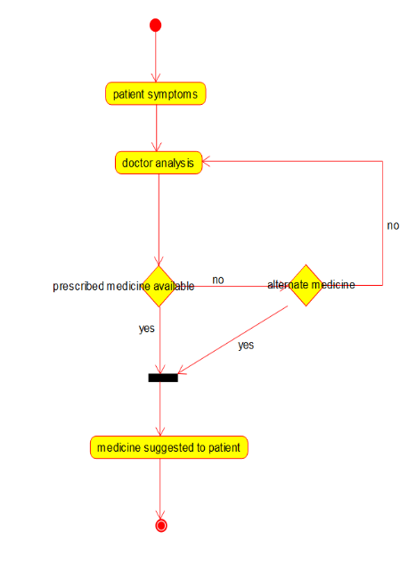
USE CASE DIAGRAM:



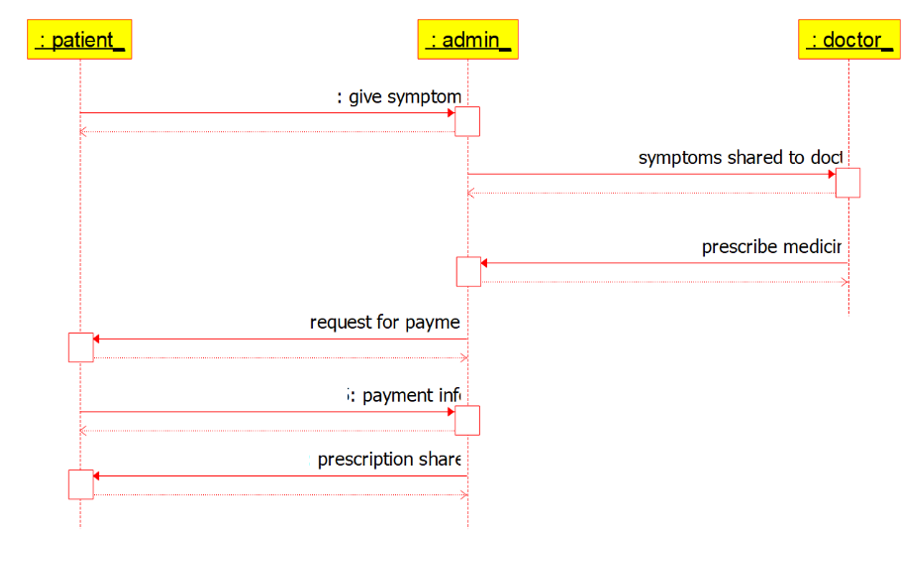
CLASS DIAGRAM:



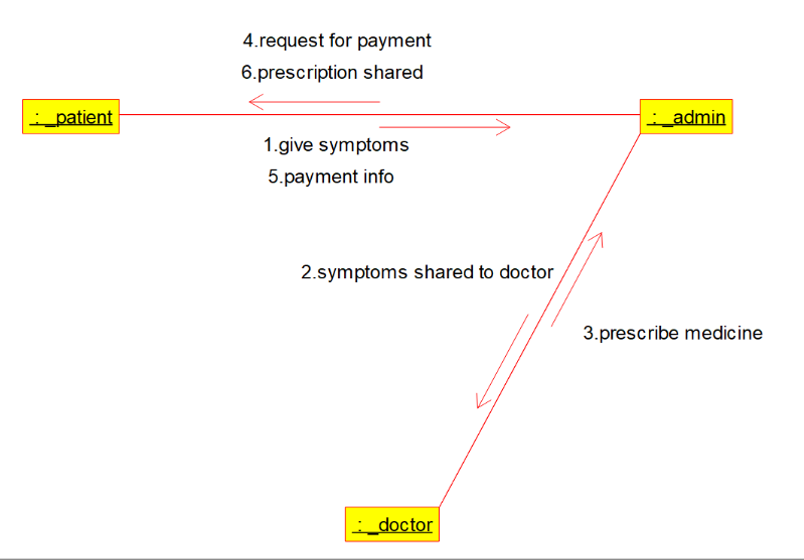
ACTIVITY DIAGRAM:



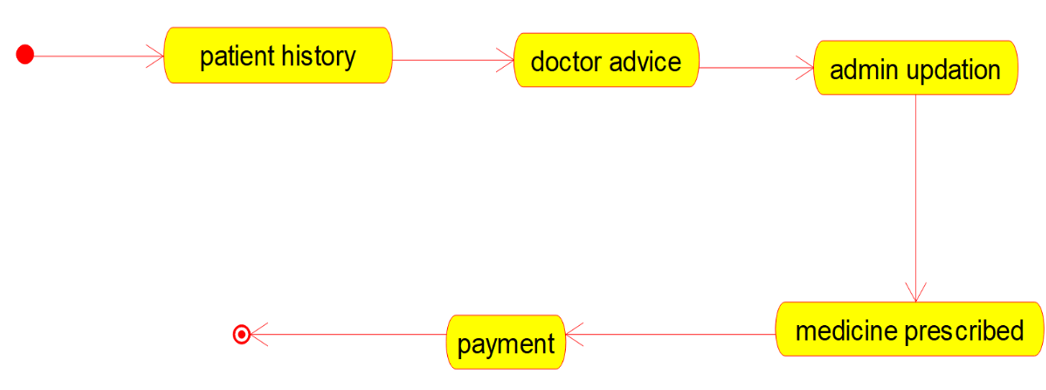
SEQUENCE DIAGRAM:



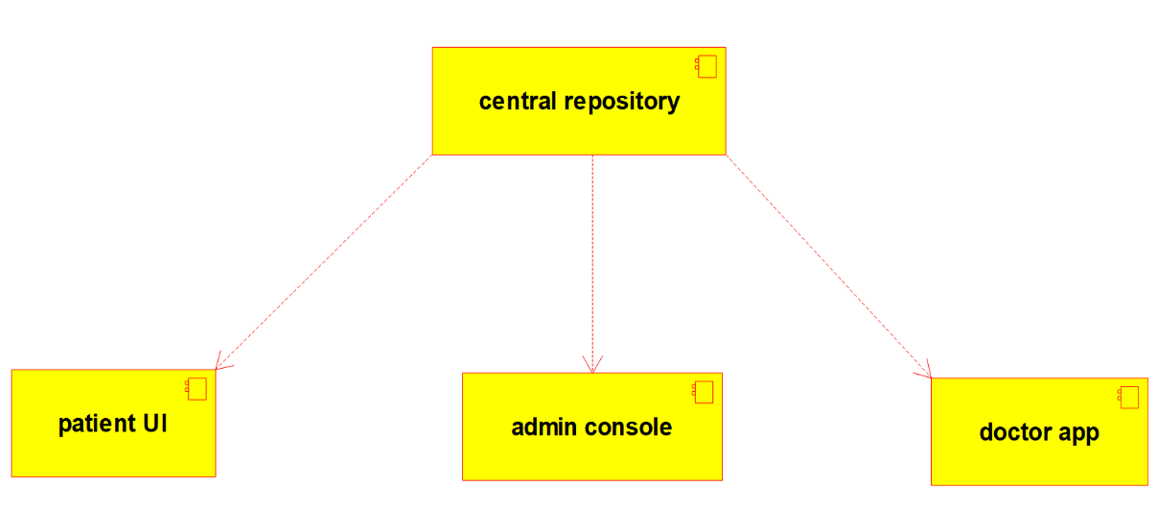
COLLABRATION DIAGRAM:



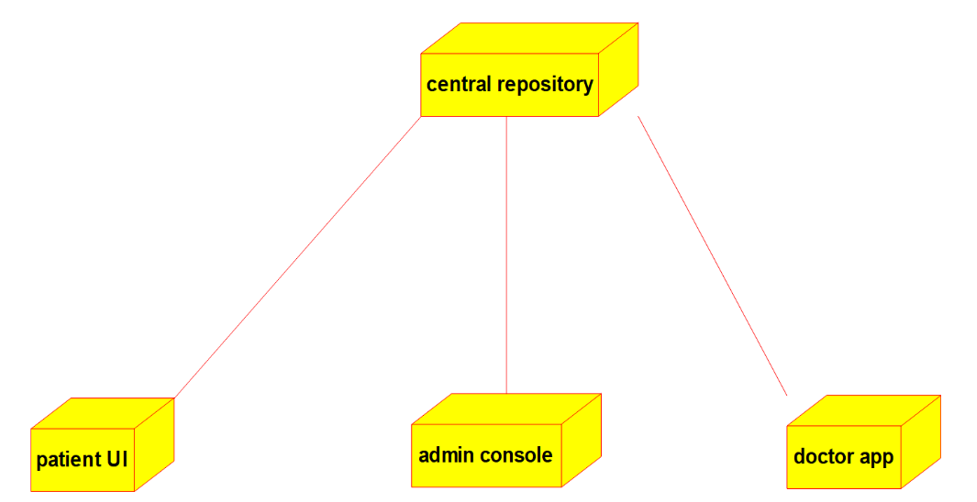
STATE CHART DIAGRAM



COMPONENT DIAGRAM:



DEPLOYMENT DIAGRAM:



PROGRAM: CENTRAL REPOSITORY:

/\*\*

\* Class central\_repository

\*/

public class central\_repository {

//

// Fields

//

private void patient\_details;

private void doctor\_details;

private void diagnosis\_report;

//

// Constructors

//

public central\_repository () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of patient\_details

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

\*/

private void setPatient\_details (void newVar) {

patient\_details = newVar;

}

/\*\*

\* Get the value of patient\_details

\* @return the value of patient\_details

\*/

private void getPatient\_details () {

return patient\_details;

}

/\*\*

\* Set the value of doctor\_details

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

\*/

private void setDoctor\_details (void newVar) {

doctor\_details = newVar;

}

/\*\*

\* Get the value of doctor\_details

\* @return the value of doctor\_details

\*/

private void getDoctor\_details () {

return doctor\_details;

}

/\*\*

\* Set the value of diagnosis\_report

\* @param newVar the new value of diagnosis\_report

\*/

private void setDiagnosis\_report (void newVar) {

diagnosis\_report = newVar;

}

/\*\*

\* Get the value of diagnosis\_report

\* @return the value of diagnosis\_report

\*/

private void getDiagnosis\_report () {

return diagnosis\_report;

}

//

// Other methods

//

/\*\*

\*/

public void store\_patient\_details()

{

}

/\*\*

\*/

public void respective\_doctor\_details()

{

}

/\*\*

\*/

public void store\_the\_diagnose\_report()

{

}

}

**PATIENT:**

/\*\*

\* Class patient

\*/

public class patient {

//

// Fields

//

private void general\_details;

private void symptons;

private void medicinal\_data;

//

// Constructors

//

public patient () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of general\_details

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

\*/

private void setGeneral\_details (void newVar) {

general\_details = newVar;

}

/\*\*

\* Get the value of general\_details

\* @return the value of general\_details

\*/

private void getGeneral\_details () {

return general\_details;

}

/\*\*

\* Set the value of symptons

\* @param newVar the new value of symptons

\*/

private void setSymptons (void newVar) {

symptons = newVar;

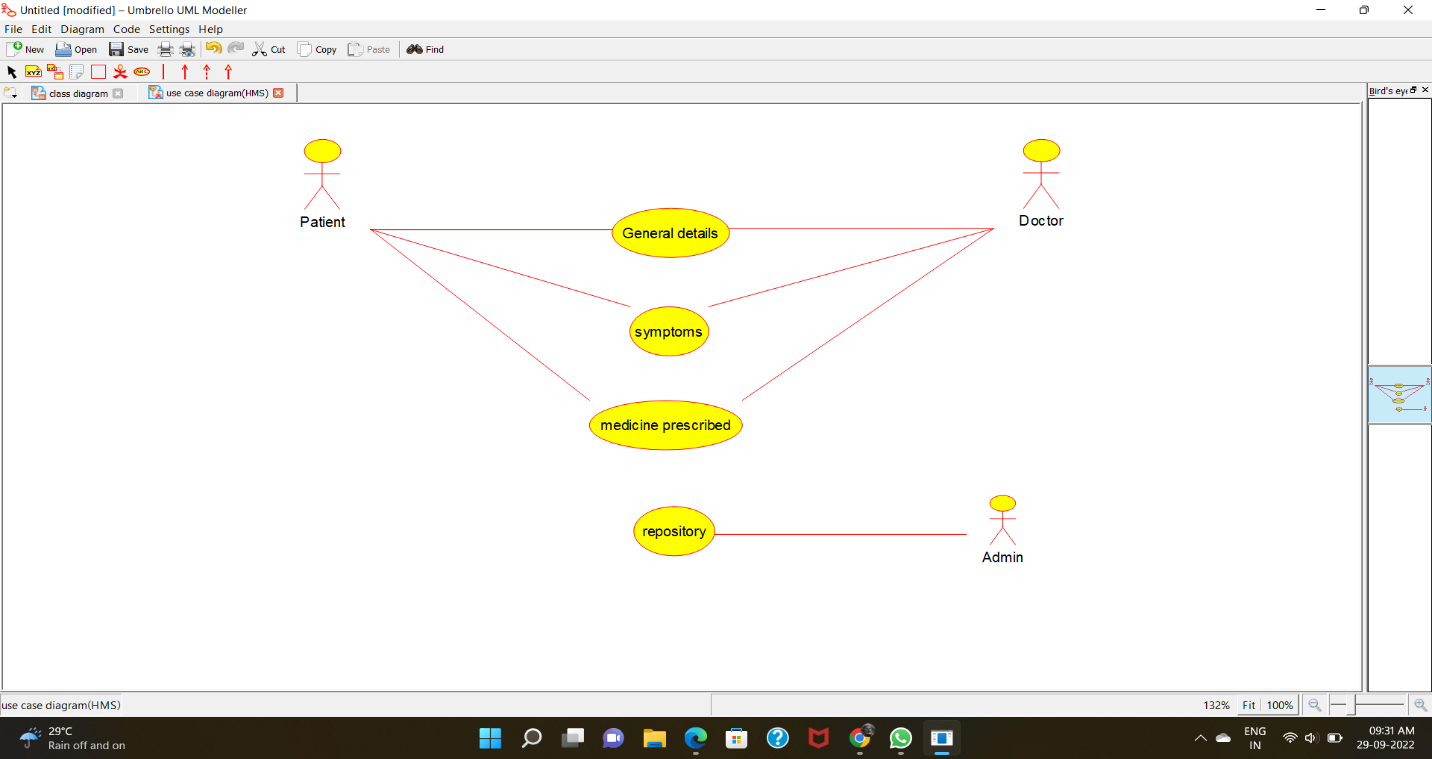
}

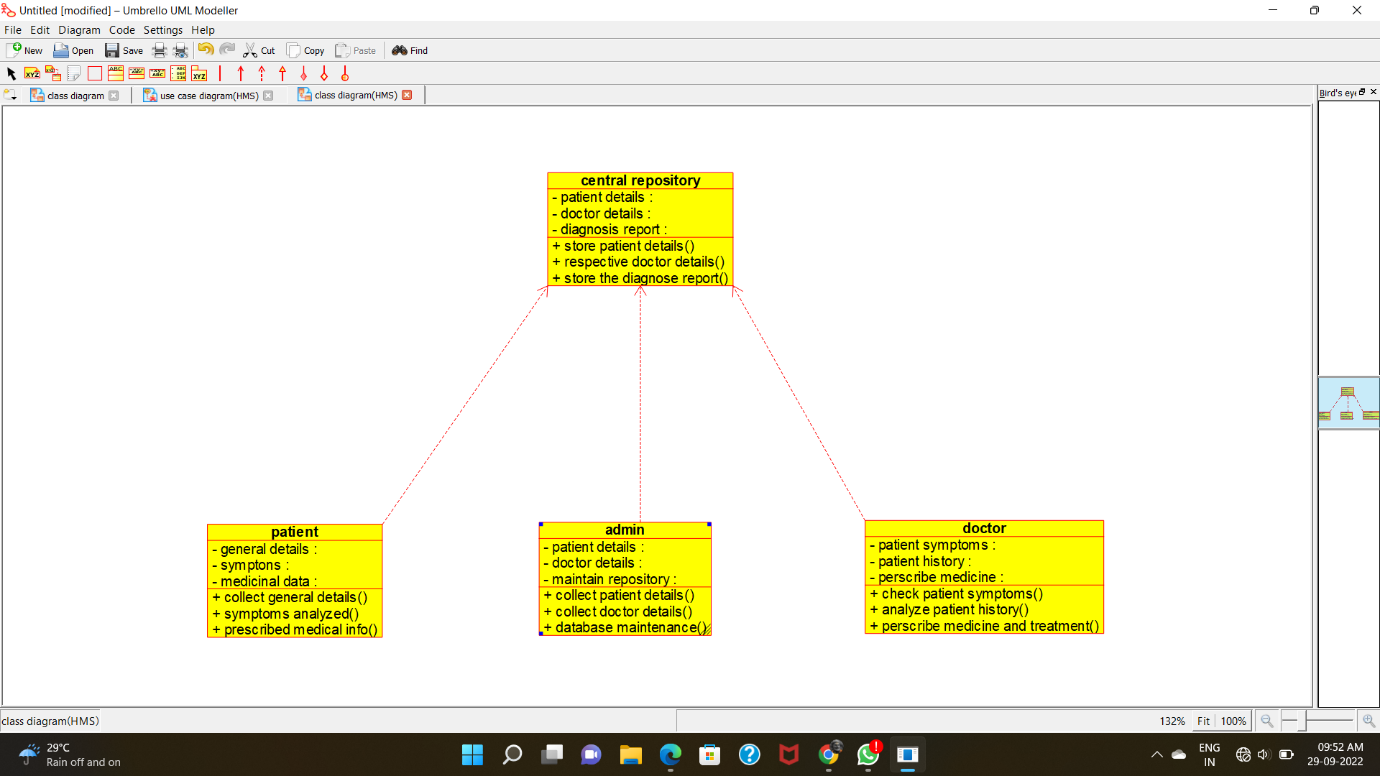
/\*\*

\* Get the value of symptons

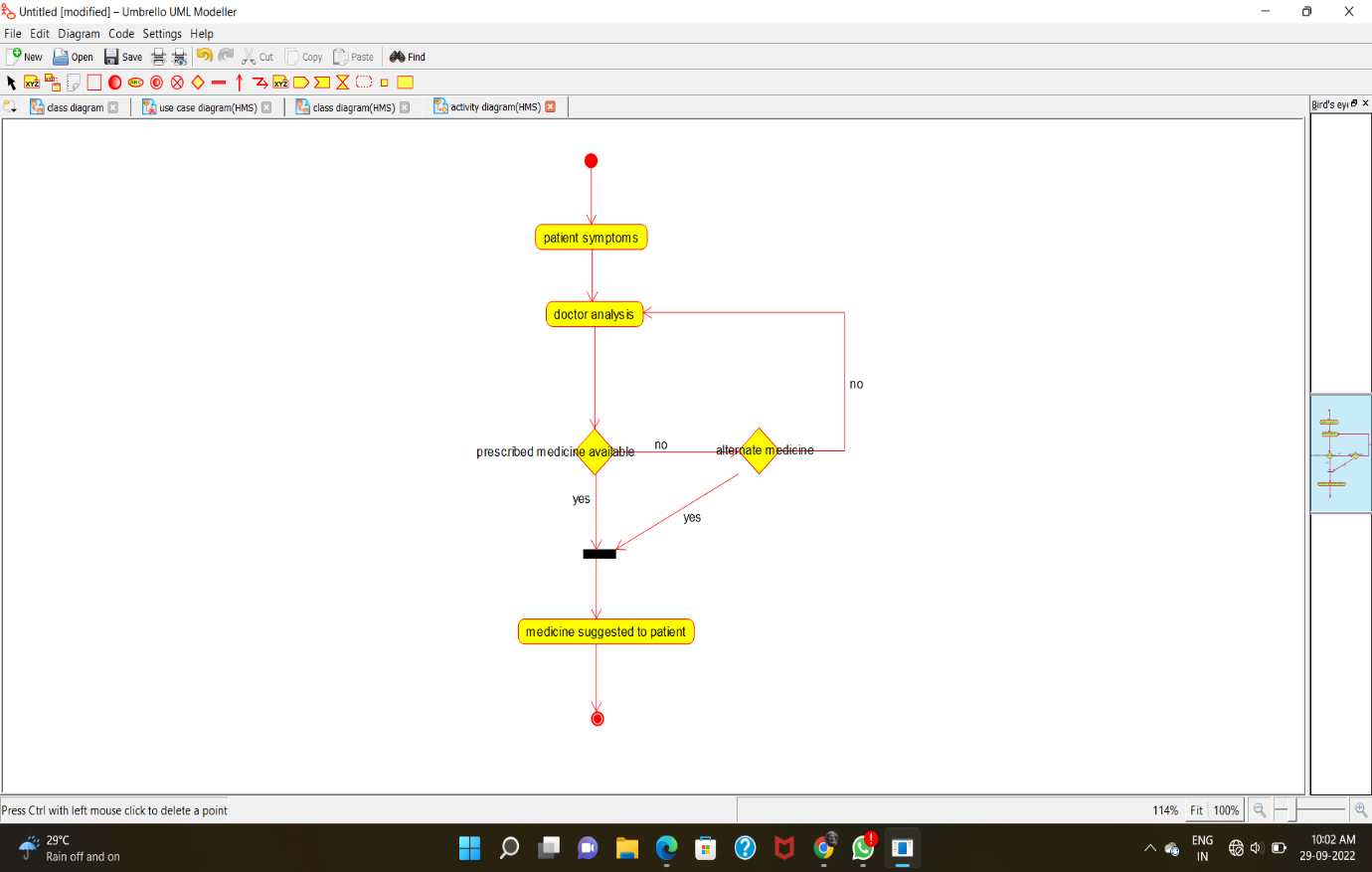
X EX NO: 21 HOSPITAL MANAGEMENT SYSTEM

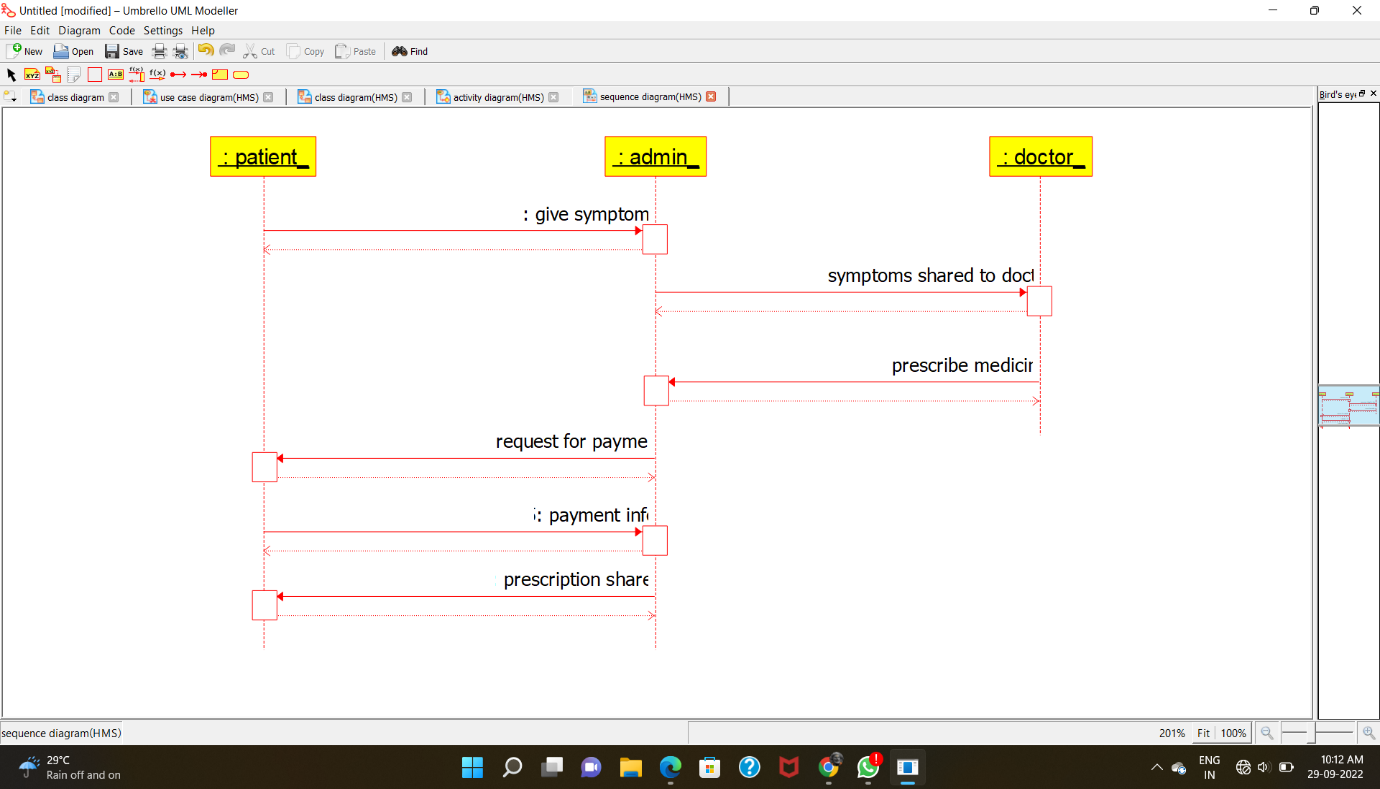
USECASE DIAGRAM



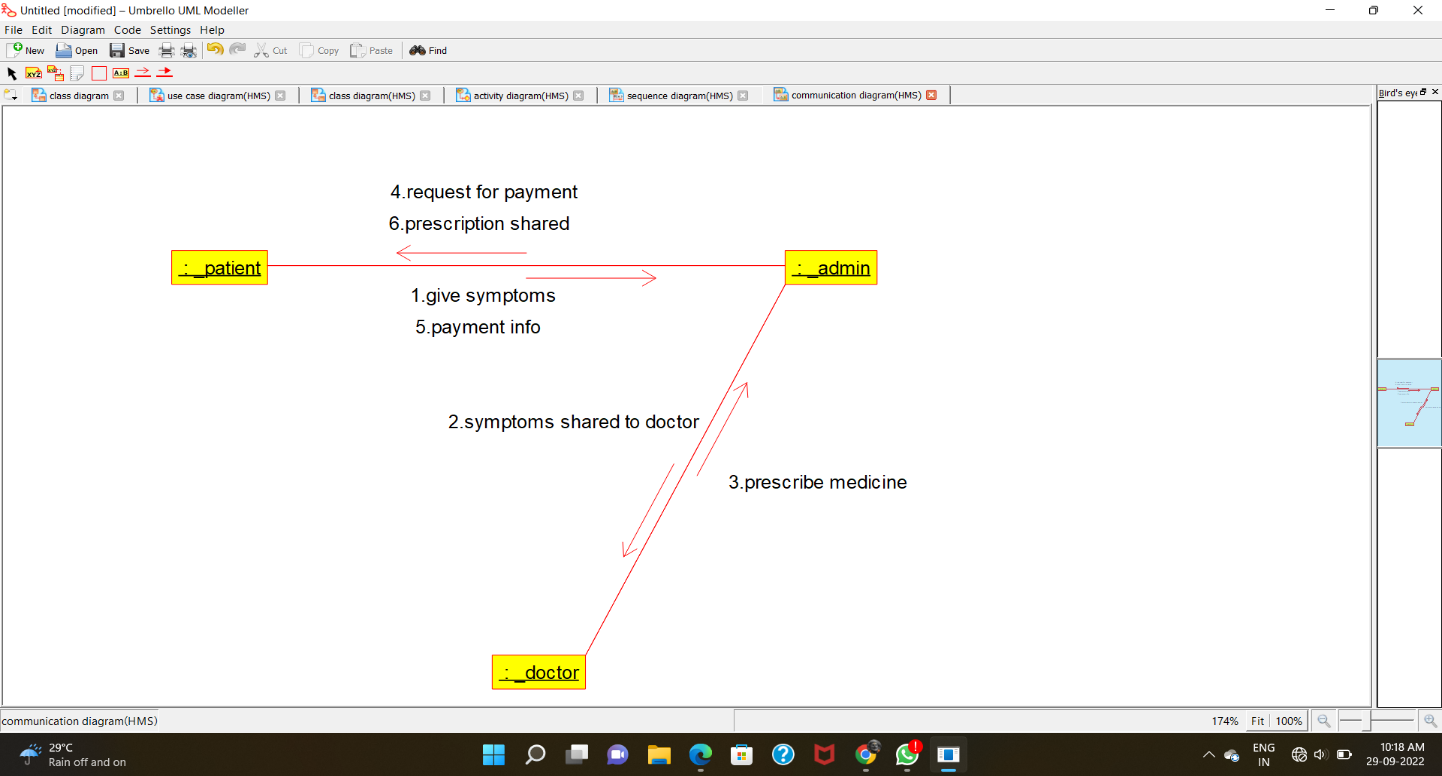
CLASS DIAGRAM

ACTIVITY DIAGRAM

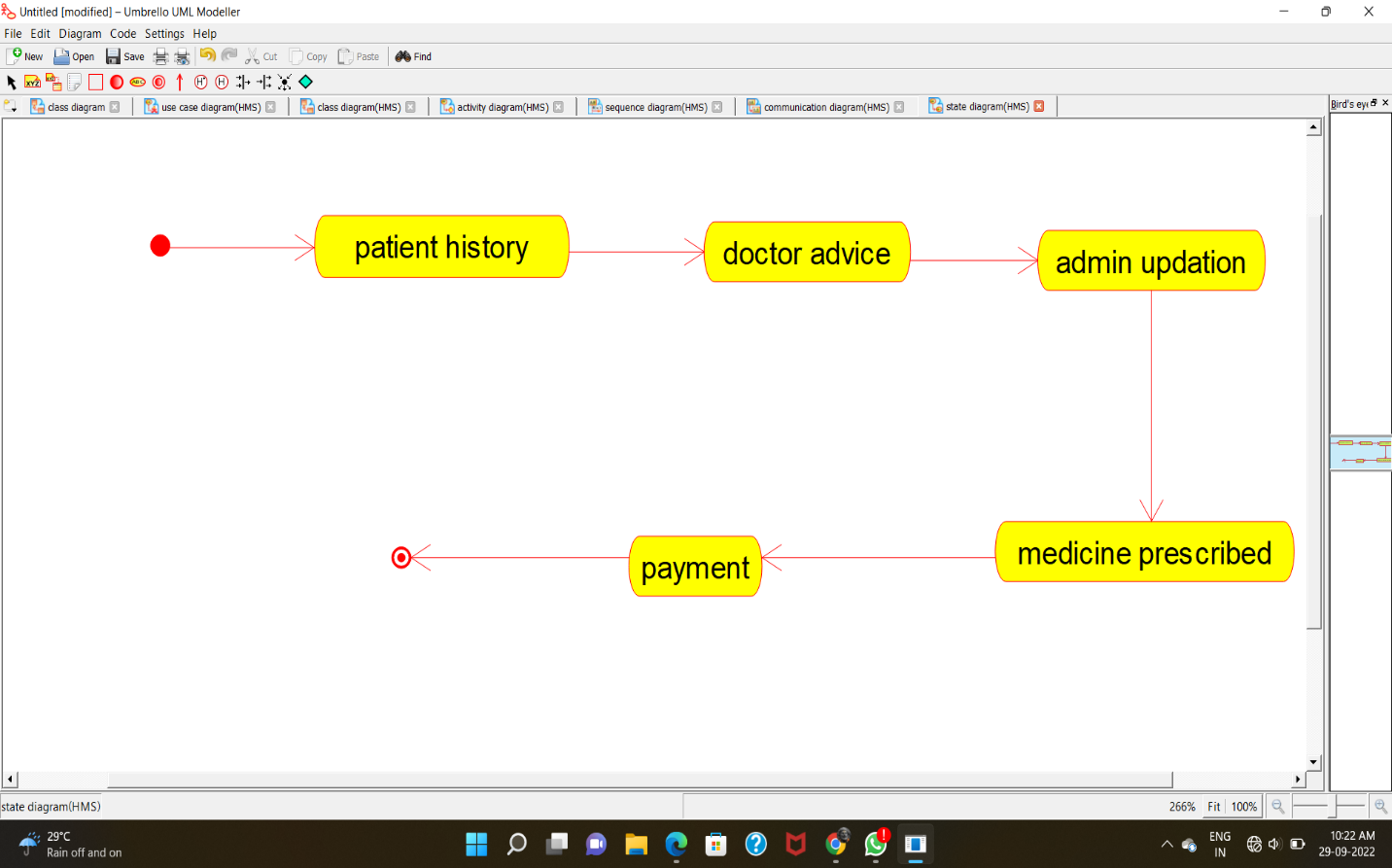


SEQUENCE DIAGRAM

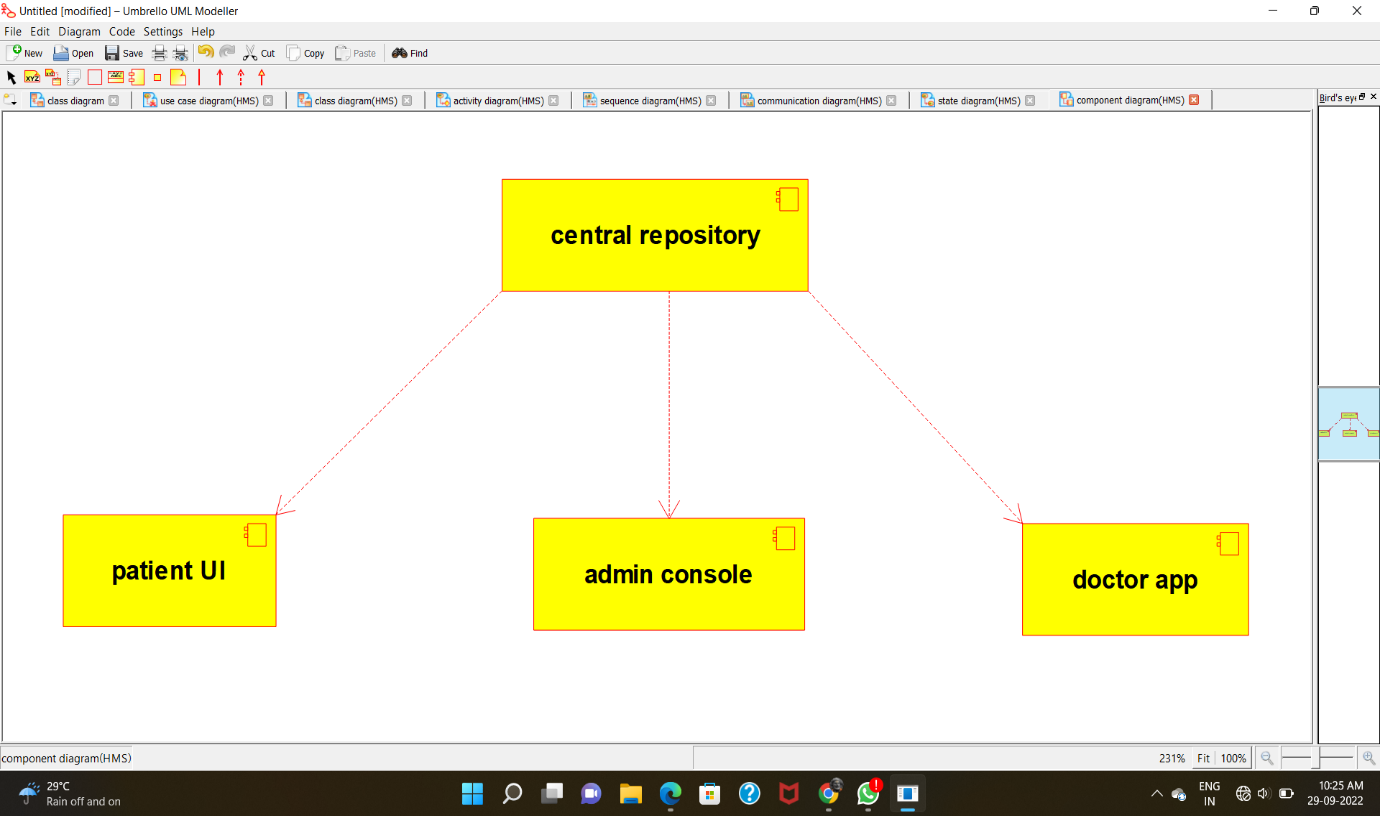
COLLABRATION DIAGRAM



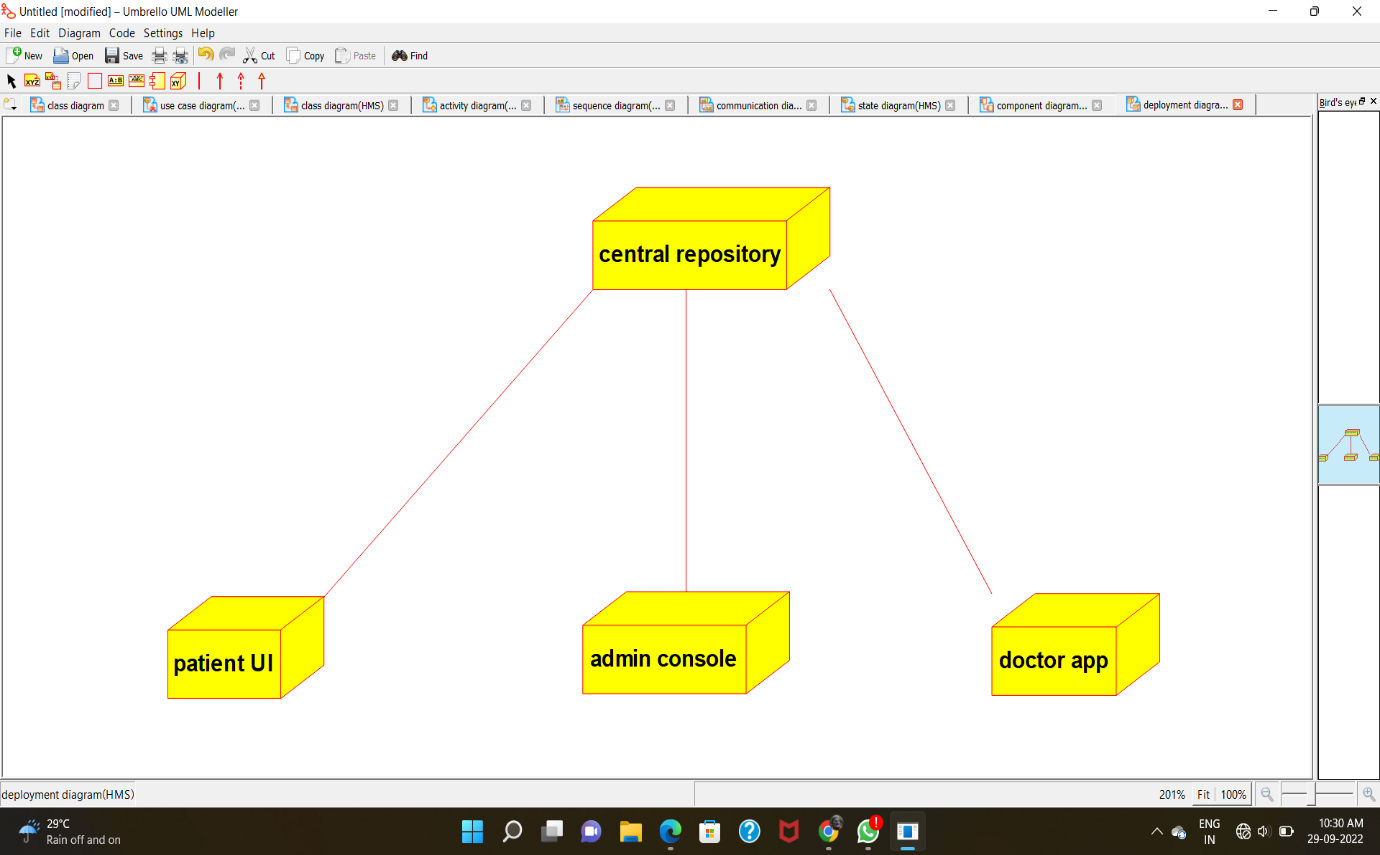
STATE-CHART DIAGRAM



COMPONENT DIAGRAM



DEPLOYMENT DIAGRAM



PROGRAM CODE

CENTRAL REPOSITORY:

/\*\*

\* Class central\_repository

\*/

public class central\_repository {

//

// Fields

//

private void patient\_details;

private void doctor\_details;

private void diagnosis\_report;

//

// Constructors

//

public central\_repository () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of patient\_details

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

\*/

private void setPatient\_details (void newVar) {

patient\_details = newVar;

}

/\*\*

\* Get the value of patient\_details

\* @return the value of patient\_details

\*/

private void getPatient\_details () {

return patient\_details;

}

/\*\*

\* Set the value of doctor\_details

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

\*/

private void setDoctor\_details (void newVar) {

doctor\_details = newVar;

}

/\*\*

\* Get the value of doctor\_details

\* @return the value of doctor\_details

\*/

private void getDoctor\_details () {

return doctor\_details;

}

/\*\*

\* Set the value of diagnosis\_report

\* @param newVar the new value of diagnosis\_report

\*/

private void setDiagnosis\_report (void newVar) {

diagnosis\_report = newVar;

}

/\*\*

\* Get the value of diagnosis\_report

\* @return the value of diagnosis\_report

\*/

private void getDiagnosis\_report () {

return diagnosis\_report;

}

//

// Other methods

//

/\*\*

\*/

public void store\_patient\_details()

{

}

/\*\*

\*/

public void respective\_doctor\_details()

{

}

/\*\*

\*/

public void store\_the\_diagnose\_report()

{

}

}

**PATIENT:**

/\*\*

\* Class patient

\*/

public class patient {

//

// Fields

//

private void general\_details;

private void symptons;

private void medicinal\_data;

//

// Constructors

//

public patient () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of general\_details

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

\*/

private void setGeneral\_details (void newVar) {

general\_details = newVar;

}

/\*\*

\* Get the value of general\_details

\* @return the value of general\_details

\*/

private void getGeneral\_details () {

return general\_details;

}

/\*\*

\* Set the value of symptons

\* @param newVar the new value of symptons

\*/

private void setSymptons (void newVar) {

symptons = newVar;

}

/\*\*

\* Get the value of symptons

\* @return the value of symptons

\*/

private void getSymptons () {

return symptons;

}

/\*\*

\* Set the value of medicinal\_data

\* @param newVar the new value of medicinal\_data

\*/

private void setMedicinal\_data (void newVar) {

medicinal\_data = newVar;

}

/\*\*

\* Get the value of medicinal\_data

\* @return the value of medicinal\_data

\*/

private void getMedicinal\_data () {

return medicinal\_data;

}

//

// Other methods

//

/\*\*

\*/

public void collect\_general\_details()

{

}

/\*\*

\*/

public void symptoms\_analyzed()

{

}

/\*\*

\*/

public void prescribed\_medical\_info()

{

}

}

**ADMIN:**

/\*\*

\* Class admin

\*/

public class admin {

//

// Fields

//

private void patient\_details;

private void doctor\_details;

private void maintain\_repository;

//

// Constructors

//

public admin () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of patient\_details

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

\*/

private void setPatient\_details (void newVar) {

patient\_details = newVar;

}

/\*\*

\* Get the value of patient\_details

\* @return the value of patient\_details

\*/

private void getPatient\_details () {

return patient\_details;

}

/\*\*

\* Set the value of doctor\_details

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

\*/

private void setDoctor\_details (void newVar) {

doctor\_details = newVar;

}

/\*\*

\* Get the value of doctor\_details

\* @return the value of doctor\_details

\*/

private void getDoctor\_details () {

return doctor\_details;

}

/\*\*

\* Set the value of maintain\_repository

\* @param newVar the new value of maintain\_repository

\*/

private void setMaintain\_repository (void newVar) {

maintain\_repository = newVar;

}

/\*\*

\* Get the value of maintain\_repository

\* @return the value of maintain\_repository

\*/

private void getMaintain\_repository () {

return maintain\_repository;

}

//

// Other methods

//

/\*\*

\*/

public void collect\_patient\_details()

{

}

/\*\*

\*/

public void collect\_doctor\_details()

{

}

/\*\*

\*/

public void database\_maintenance()

{

}

}

DOCTOR:

/\*\*

\* Class doctor

\*/

public class doctor {

//

// Fields

//

private void patient\_symptoms;

private void patient\_history;

private void perscribe\_medicine;

//

// Constructors

//

public doctor () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of patient\_symptoms

\* @param newVar the new value of patient\_symptoms

\*/

private void setPatient\_symptoms (void newVar) {

patient\_symptoms = newVar;

}

/\*\*

\* Get the value of patient\_symptoms

\* @return the value of patient\_symptoms

\*/

private void getPatient\_symptoms () {

return patient\_symptoms;

}

/\*\*

\* Set the value of patient\_history

\* @param newVar the new value of patient\_history

\*/

private void setPatient\_history (void newVar) {

patient\_history = newVar;

}

/\*\*

\* Get the value of patient\_history

\* @return the value of patient\_history

\*/

private void getPatient\_history () {

return patient\_history;

}

/\*\*

\* Set the value of perscribe\_medicine

\* @param newVar the new value of perscribe\_medicine

\*/

private void setPerscribe\_medicine (void newVar) {

perscribe\_medicine = newVar;

}

/\*\*

\* Get the value of perscribe\_medicine

\* @return the value of perscribe\_medicine

\*/

private void getPerscribe\_medicine () {

return perscribe\_medicine;

}

//

// Other methods

//

/\*\*

\*/

public void check\_patient\_symptoms()

{

}

/\*\*

\*/

public void analyze\_patient\_history()

{

}

/\*\*

\*/

public void perscribe\_medicine\_and\_treatment()

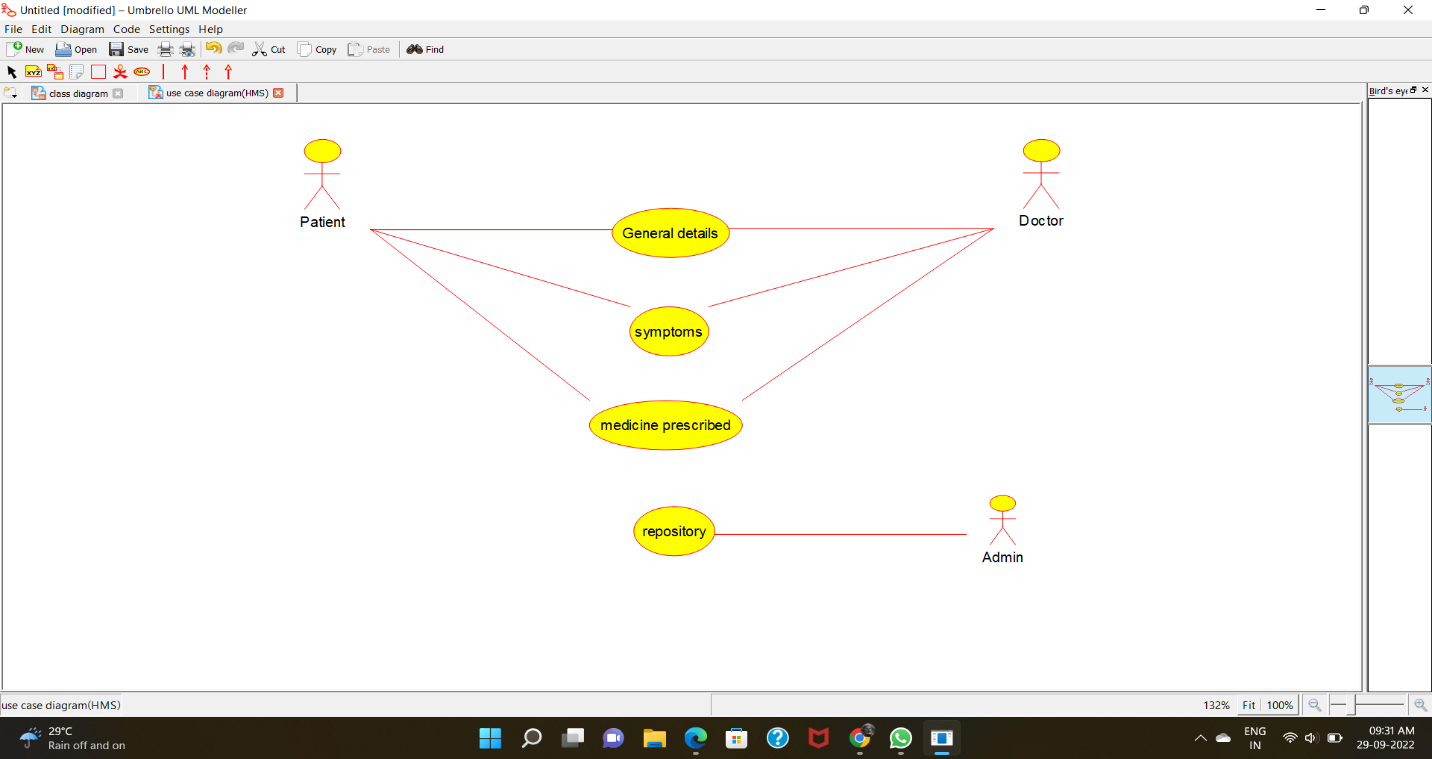
{

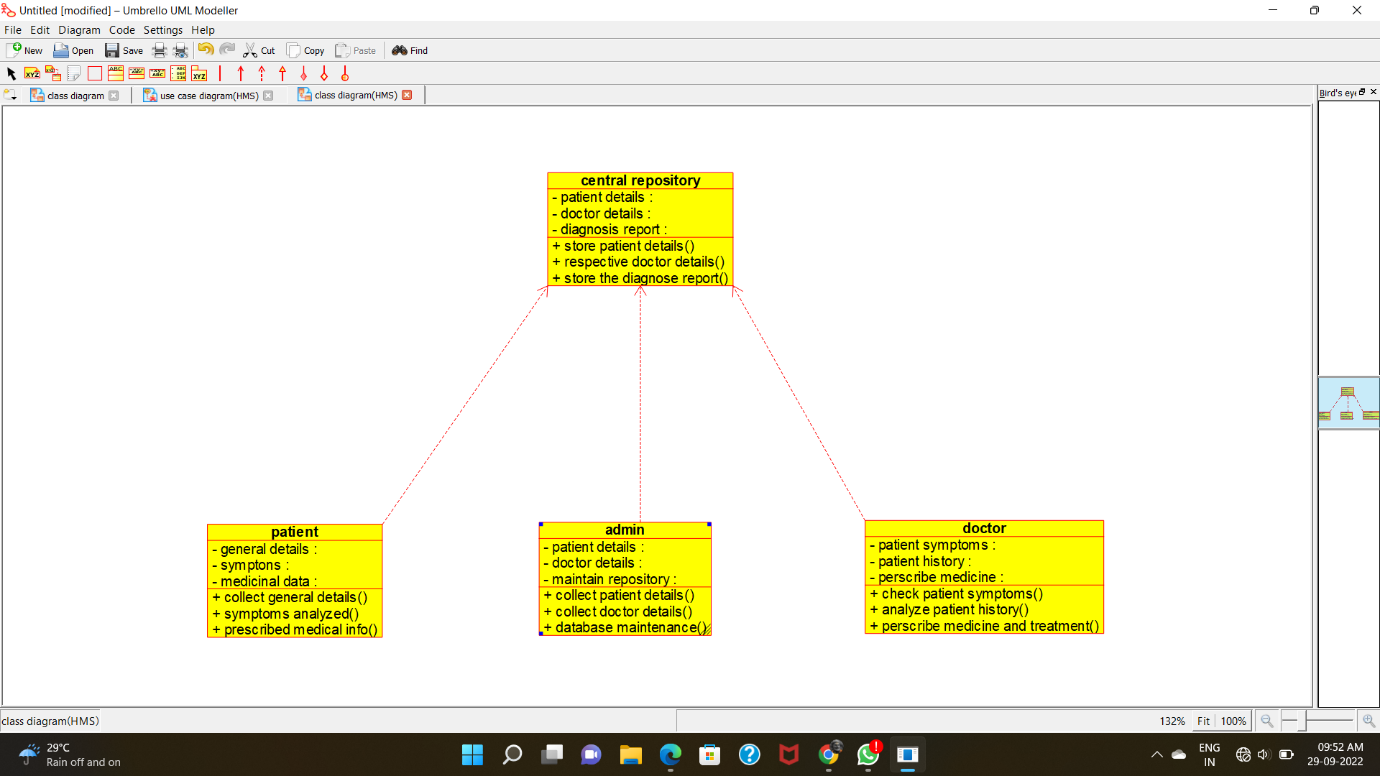
}

}

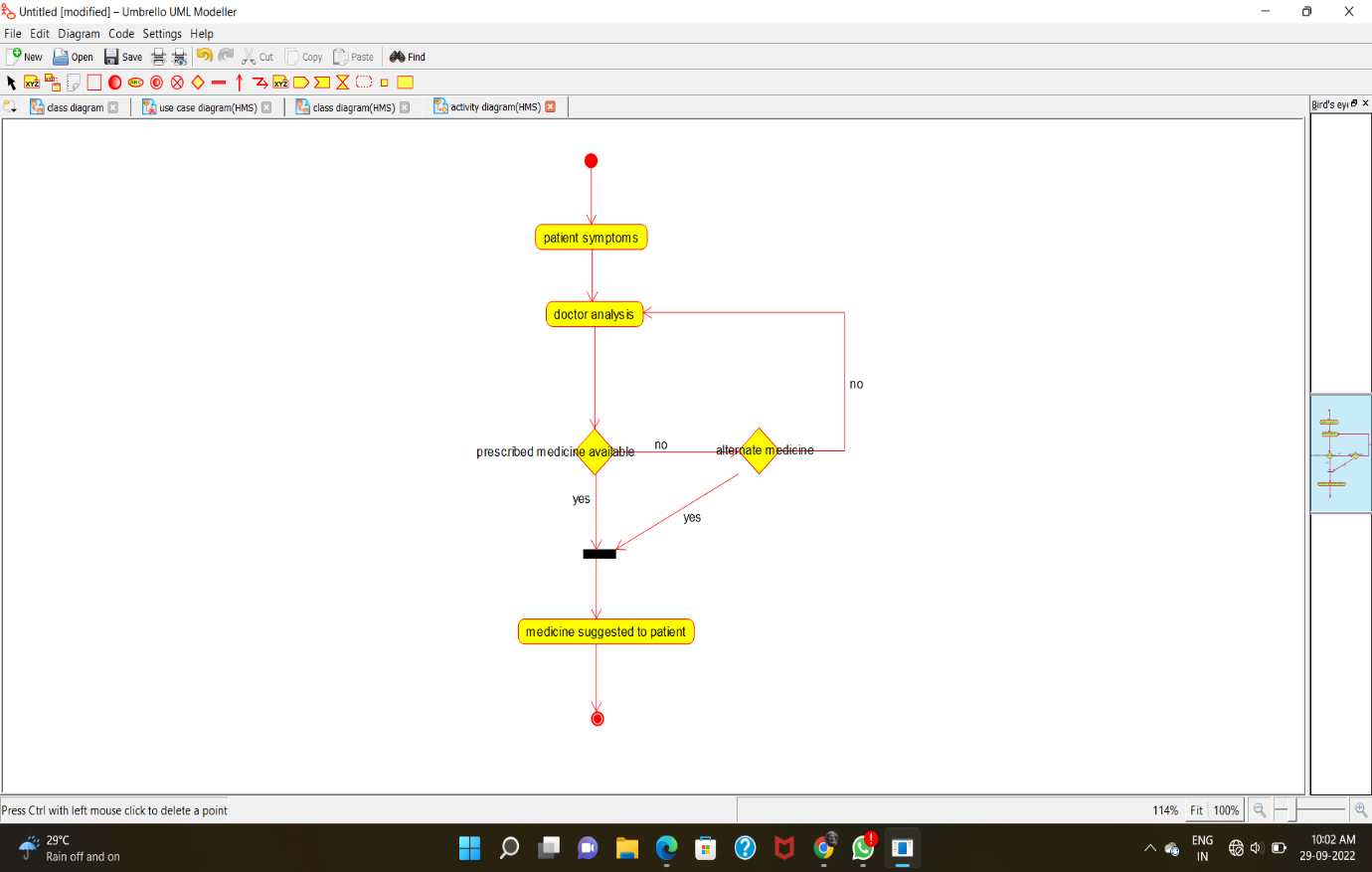
EX NO: 21 HOSPITAL MANAGEMENT SYSTEM

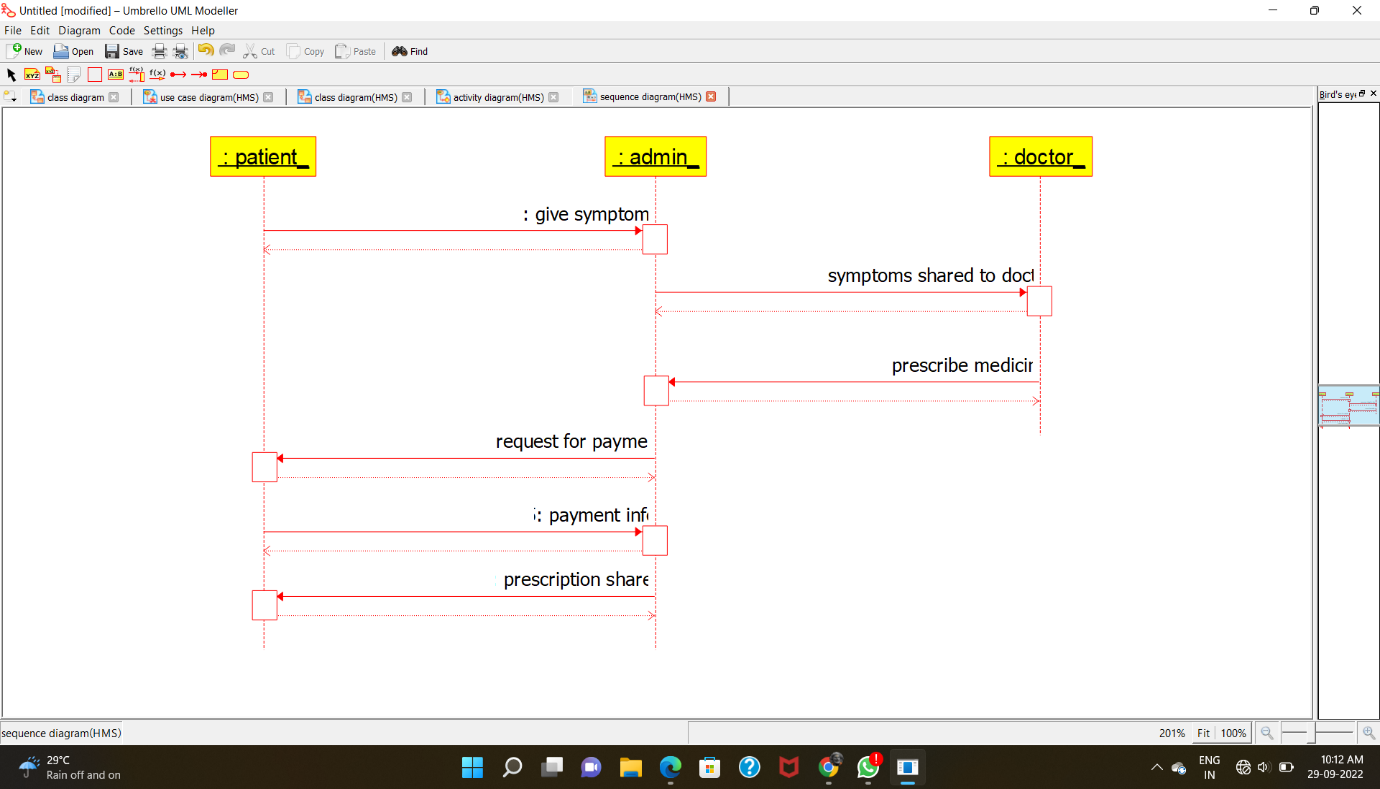
USECASE DIAGRAM



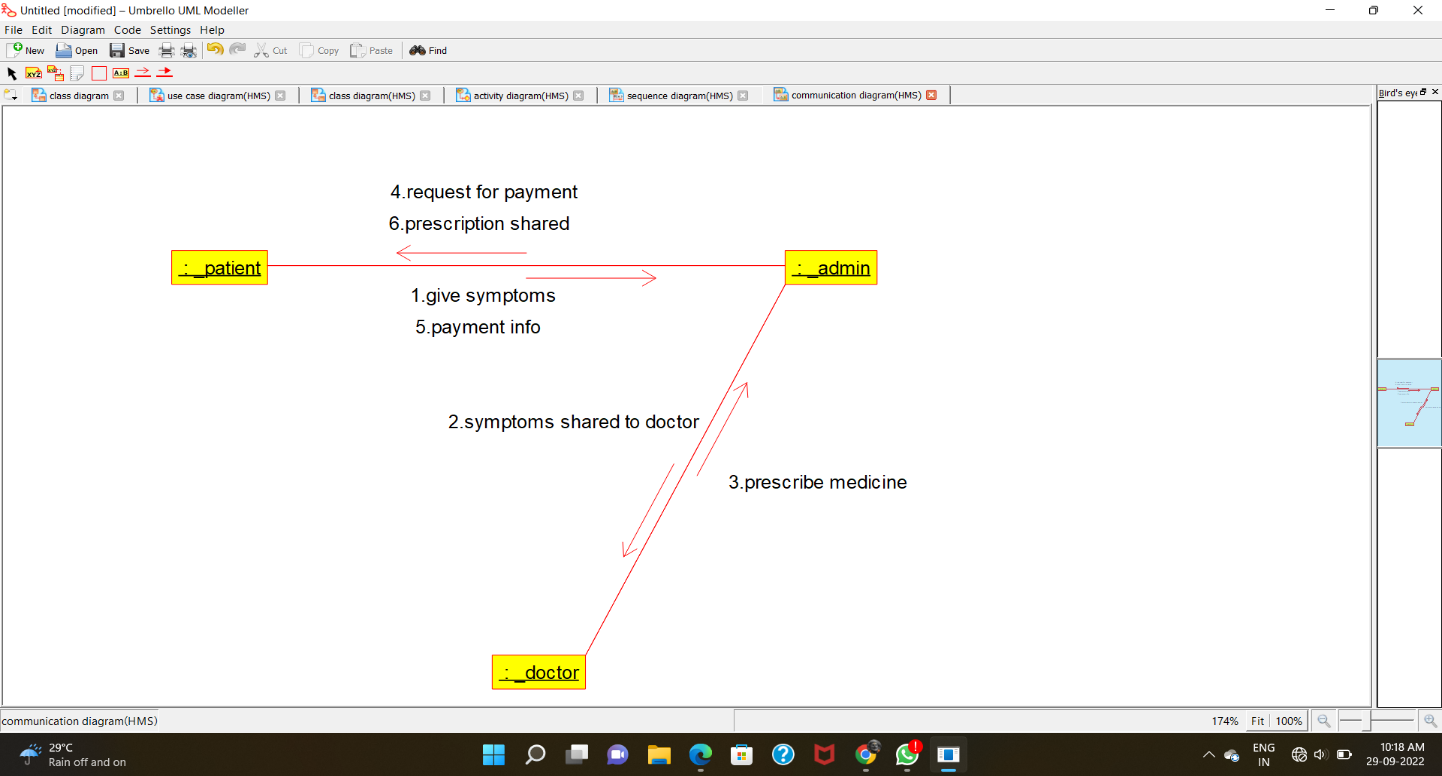
CLASS DIAGRAM

ACTIVITY DIAGRAM

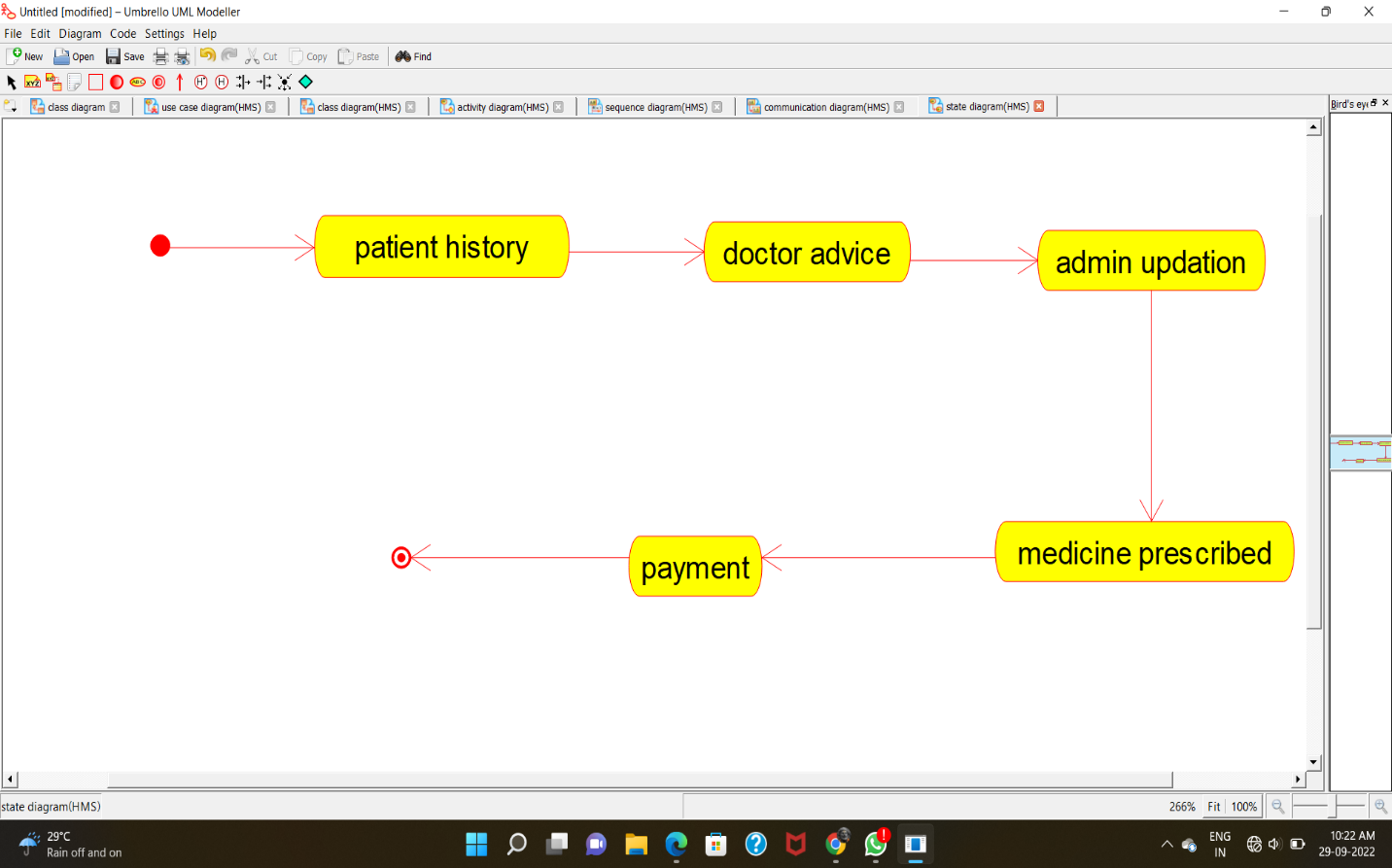


SEQUENCE DIAGRAM

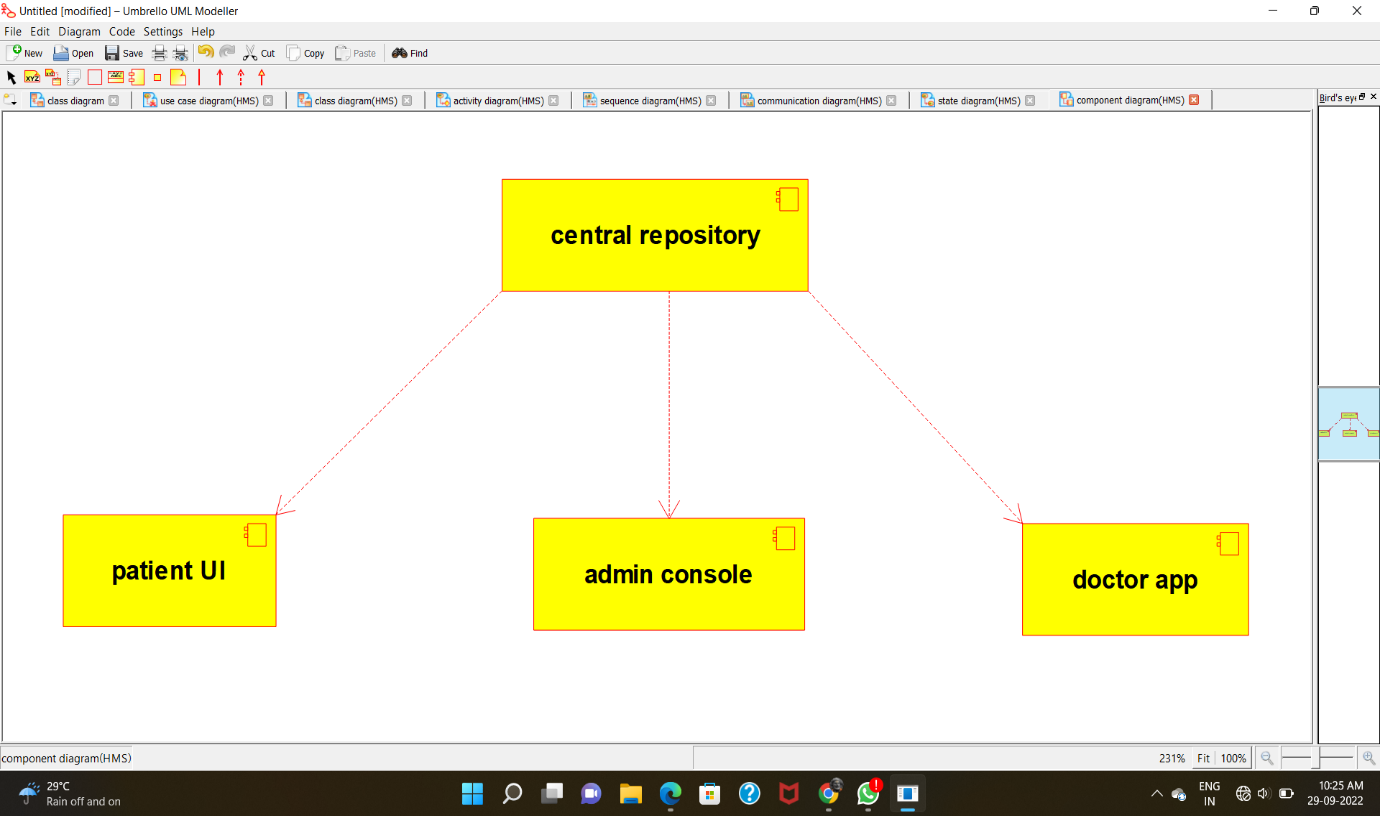
COLLABRATION DIAGRAM



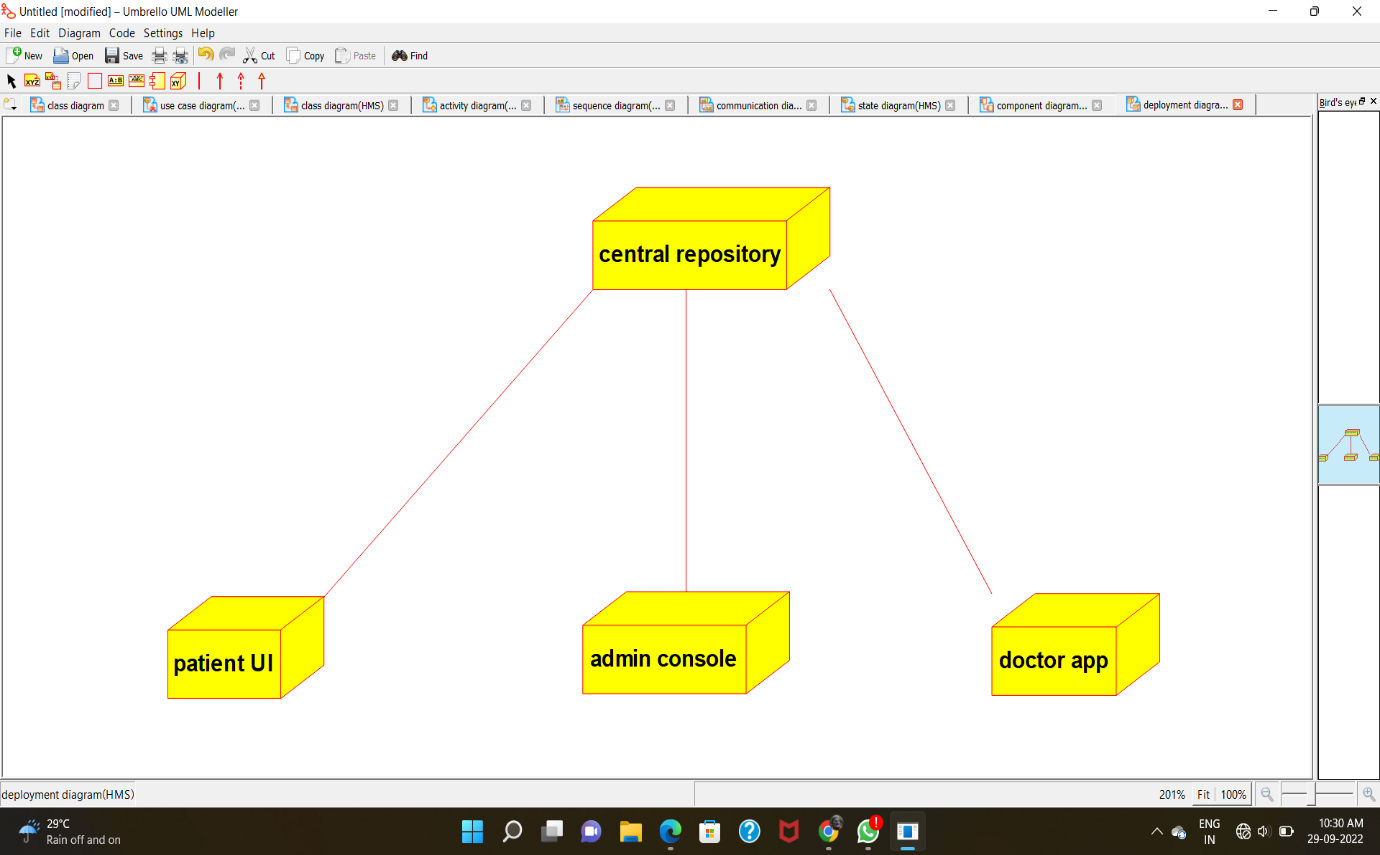
STATE-CHART DIAGRAM



COMPONENT DIAGRAM



DEPLOYMENT DIAGRAM



PROGRAM CODE

CENTRAL REPOSITORY:

/\*\*

\* Class central\_repository

\*/

public class central\_repository {

//

// Fields

//

private void patient\_details;

private void doctor\_details;

private void diagnosis\_report;

//

// Constructors

//

public central\_repository () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of patient\_details

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

\*/

private void setPatient\_details (void newVar) {

patient\_details = newVar;

}

/\*\*

\* Get the value of patient\_details

\* @return the value of patient\_details

\*/

private void getPatient\_details () {

return patient\_details;

}

/\*\*

\* Set the value of doctor\_details

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

\*/

private void setDoctor\_details (void newVar) {

doctor\_details = newVar;

}

/\*\*

\* Get the value of doctor\_details

\* @return the value of doctor\_details

\*/

private void getDoctor\_details () {

return doctor\_details;

}

/\*\*

\* Set the value of diagnosis\_report

\* @param newVar the new value of diagnosis\_report

\*/

private void setDiagnosis\_report (void newVar) {

diagnosis\_report = newVar;

}

/\*\*

\* Get the value of diagnosis\_report

\* @return the value of diagnosis\_report

\*/

private void getDiagnosis\_report () {

return diagnosis\_report;

}

//

// Other methods

//

/\*\*

\*/

public void store\_patient\_details()

{

}

/\*\*

\*/

public void respective\_doctor\_details()

{

}

/\*\*

\*/

public void store\_the\_diagnose\_report()

{

}

}

**PATIENT:**

/\*\*

\* Class patient

\*/

public class patient {

//

// Fields

//

private void general\_details;

private void symptons;

private void medicinal\_data;

//

// Constructors

//

public patient () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of general\_details

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

\*/

private void setGeneral\_details (void newVar) {

general\_details = newVar;

}

/\*\*

\* Get the value of general\_details

\* @return the value of general\_details

\*/

private void getGeneral\_details () {

return general\_details;

}

/\*\*

\* Set the value of symptons

\* @param newVar the new value of symptons

\*/

private void setSymptons (void newVar) {

symptons = newVar;

}

/\*\*

\* Get the value of symptons

\* @return the value of symptons

\*/

private void getSymptons () {

return symptons;

}

/\*\*

\* Set the value of medicinal\_data

\* @param newVar the new value of medicinal\_data

\*/

private void setMedicinal\_data (void newVar) {

medicinal\_data = newVar;

}

/\*\*

\* Get the value of medicinal\_data

\* @return the value of medicinal\_data

\*/

private void getMedicinal\_data () {

return medicinal\_data;

}

//

// Other methods

//

/\*\*

\*/

public void collect\_general\_details()

{

}

/\*\*

\*/

public void symptoms\_analyzed()

{

}

/\*\*

\*/

public void prescribed\_medical\_info()

{

}

}

**ADMIN:**

/\*\*

\* Class admin

\*/

public class admin {

//

// Fields

//

private void patient\_details;

private void doctor\_details;

private void maintain\_repository;

//

// Constructors

//

public admin () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of patient\_details

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

\*/

private void setPatient\_details (void newVar) {

patient\_details = newVar;

}

/\*\*

\* Get the value of patient\_details

\* @return the value of patient\_details

\*/

private void getPatient\_details () {

return patient\_details;

}

/\*\*

\* Set the value of doctor\_details

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

\*/

private void setDoctor\_details (void newVar) {

doctor\_details = newVar;

}

/\*\*

\* Get the value of doctor\_details

\* @return the value of doctor\_details

\*/

private void getDoctor\_details () {

return doctor\_details;

}

/\*\*

\* Set the value of maintain\_repository

\* @param newVar the new value of maintain\_repository

\*/

private void setMaintain\_repository (void newVar) {

maintain\_repository = newVar;

}

/\*\*

\* Get the value of maintain\_repository

\* @return the value of maintain\_repository

\*/

private void getMaintain\_repository () {

return maintain\_repository;

}

//

// Other methods

//

/\*\*

\*/

public void collect\_patient\_details()

{

}

/\*\*

\*/

public void collect\_doctor\_details()

{

}

/\*\*

\*/

public void database\_maintenance()

{

}

}

DOCTOR:

/\*\*

\* Class doctor

\*/

public class doctor {

//

// Fields

//

private void patient\_symptoms;

private void patient\_history;

private void perscribe\_medicine;

//

// Constructors

//

public doctor () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of patient\_symptoms

\* @param newVar the new value of patient\_symptoms

\*/

private void setPatient\_symptoms (void newVar) {

patient\_symptoms = newVar;

}

/\*\*

\* Get the value of patient\_symptoms

\* @return the value of patient\_symptoms

\*/

private void getPatient\_symptoms () {

return patient\_symptoms;

}

/\*\*

\* Set the value of patient\_history

\* @param newVar the new value of patient\_history

\*/

private void setPatient\_history (void newVar) {

patient\_history = newVar;

}

/\*\*

\* Get the value of patient\_history

\* @return the value of patient\_history

\*/

private void getPatient\_history () {

return patient\_history;

}

/\*\*

\* Set the value of perscribe\_medicine

\* @param newVar the new value of perscribe\_medicine

\*/

private void setPerscribe\_medicine (void newVar) {

perscribe\_medicine = newVar;

}

/\*\*

\* Get the value of perscribe\_medicine

\* @return the value of perscribe\_medicine

\*/

private void getPerscribe\_medicine () {

return perscribe\_medicine;

}

//

// Other methods

//

/\*\*

\*/

public void check\_patient\_symptoms()

{

}

/\*\*

\*/

public void analyze\_patient\_history()

{

}

/\*\*

\*/

public void perscribe\_medicine\_and\_treatment()

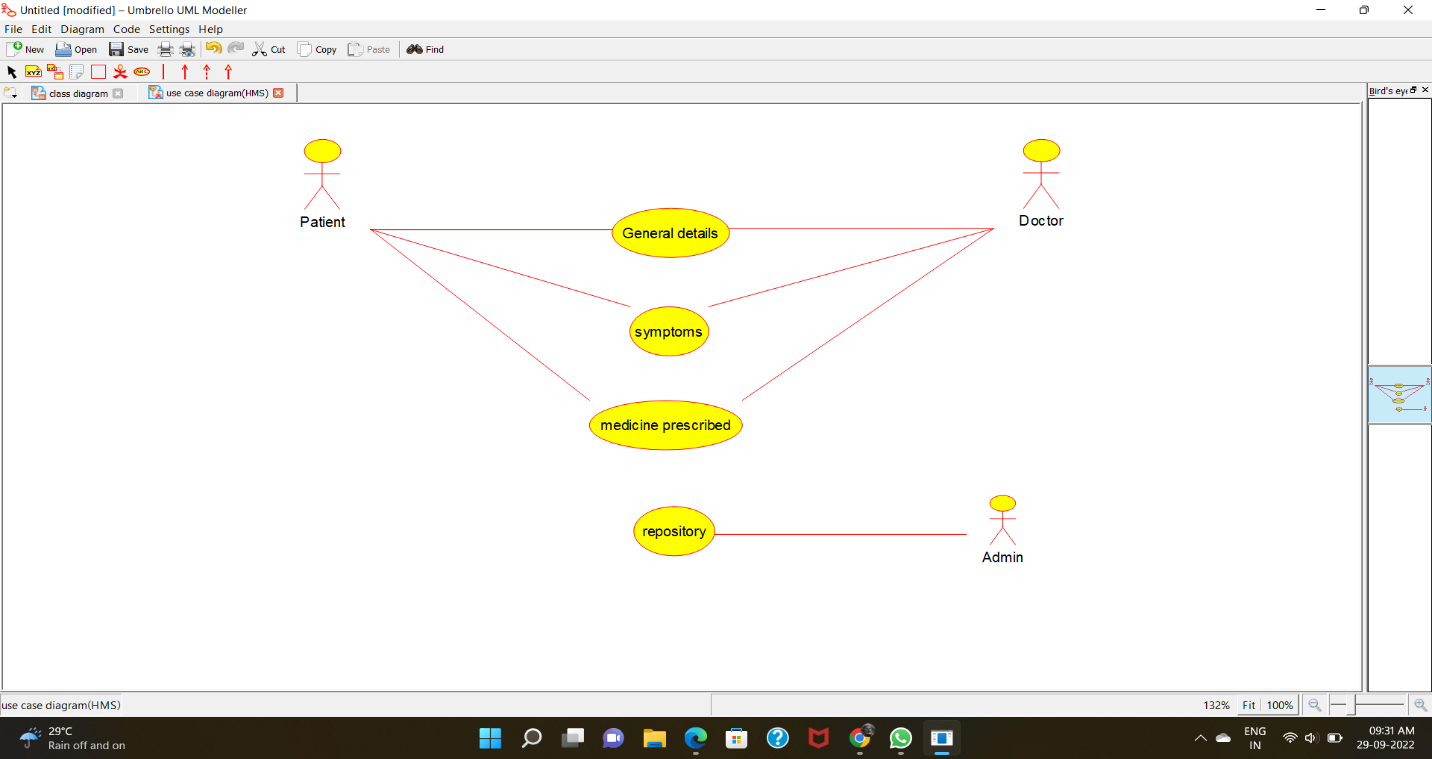
{

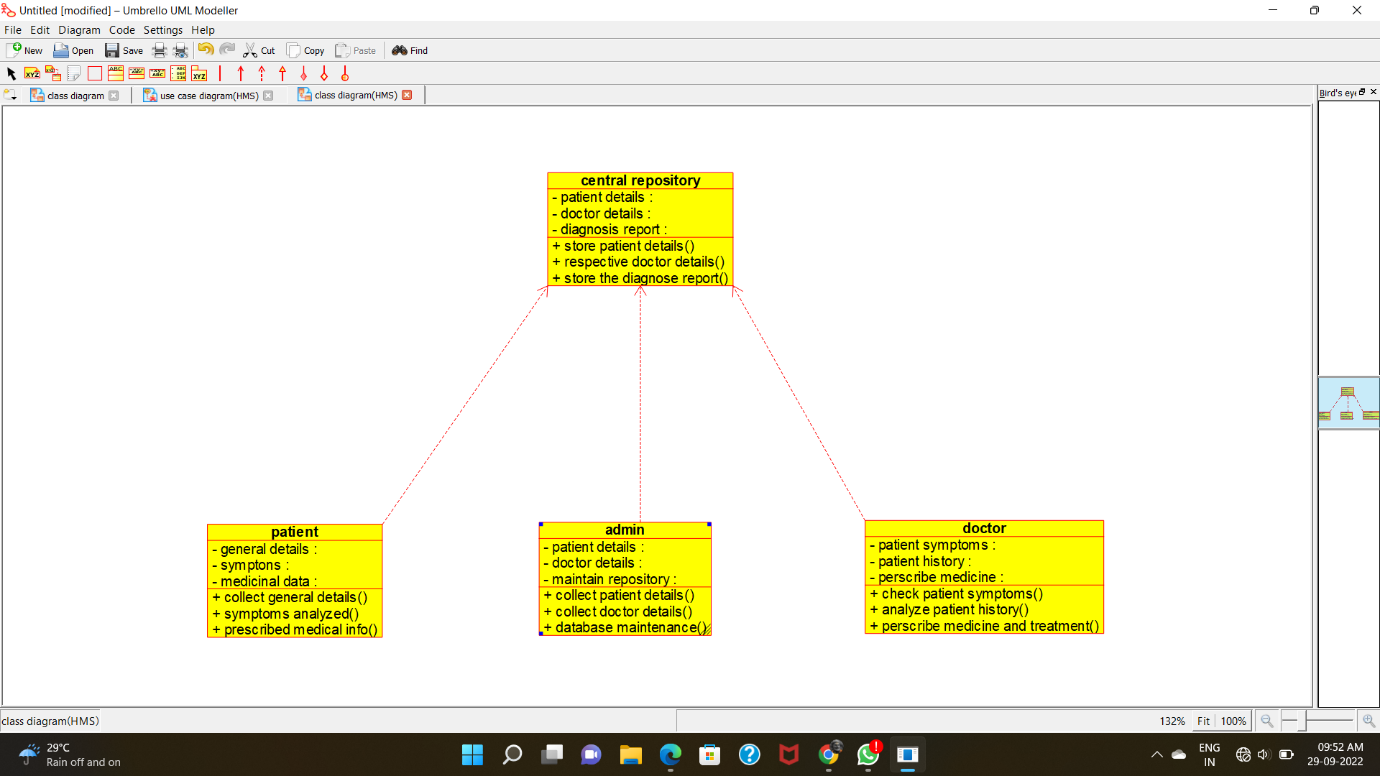
}

}

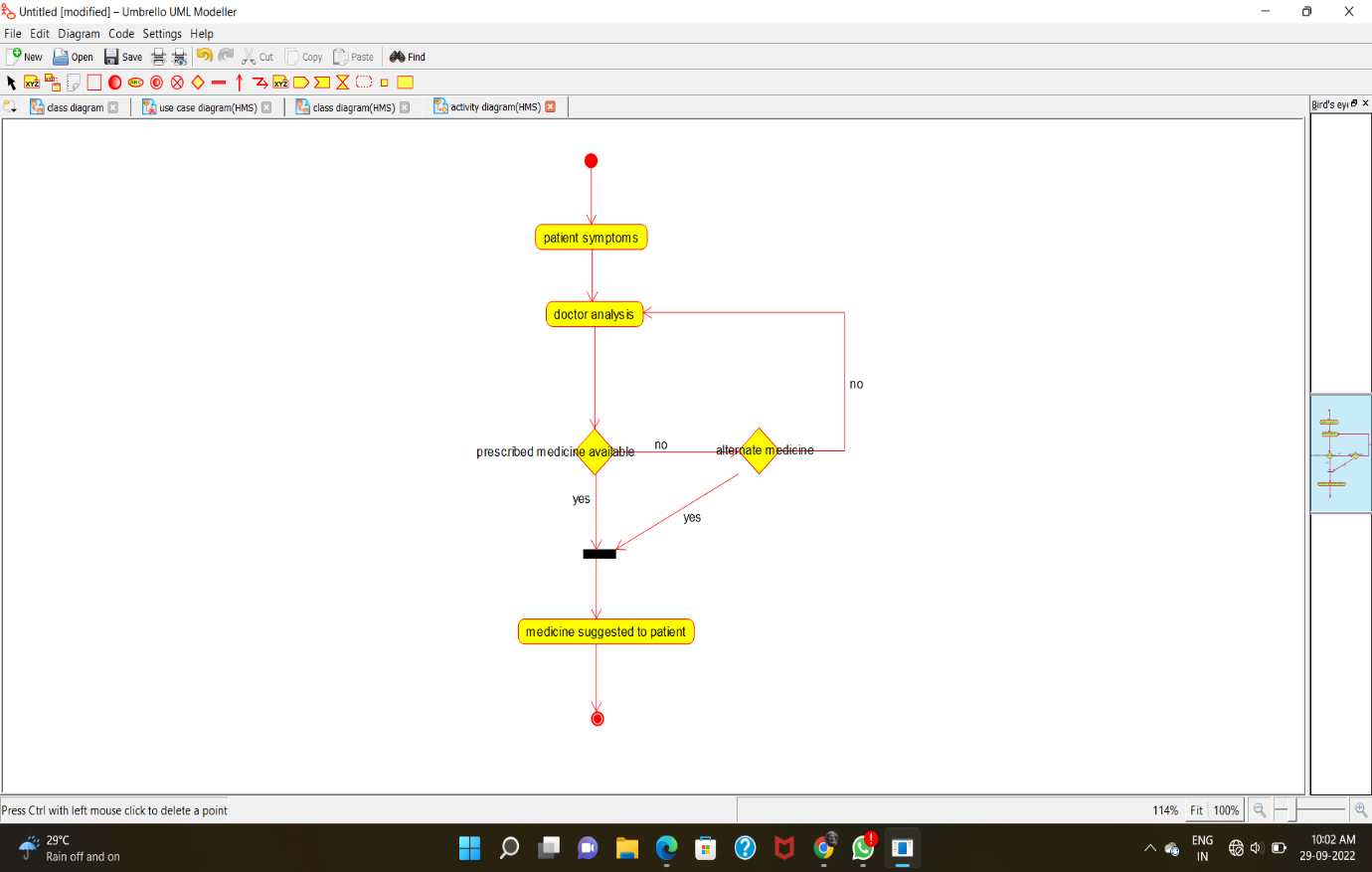
EX NO: 21 HOSPITAL MANAGEMENT SYSTEM

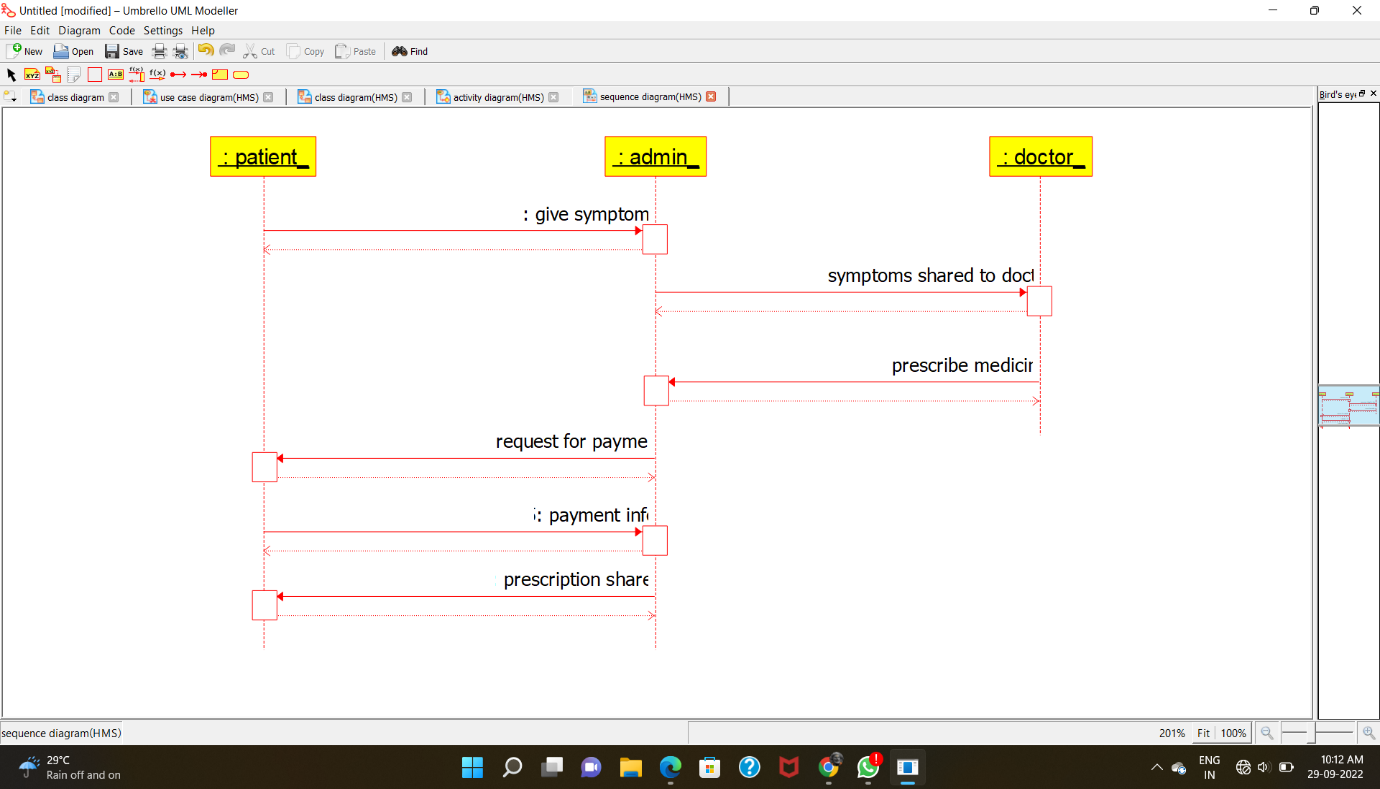
USECASE DIAGRAM



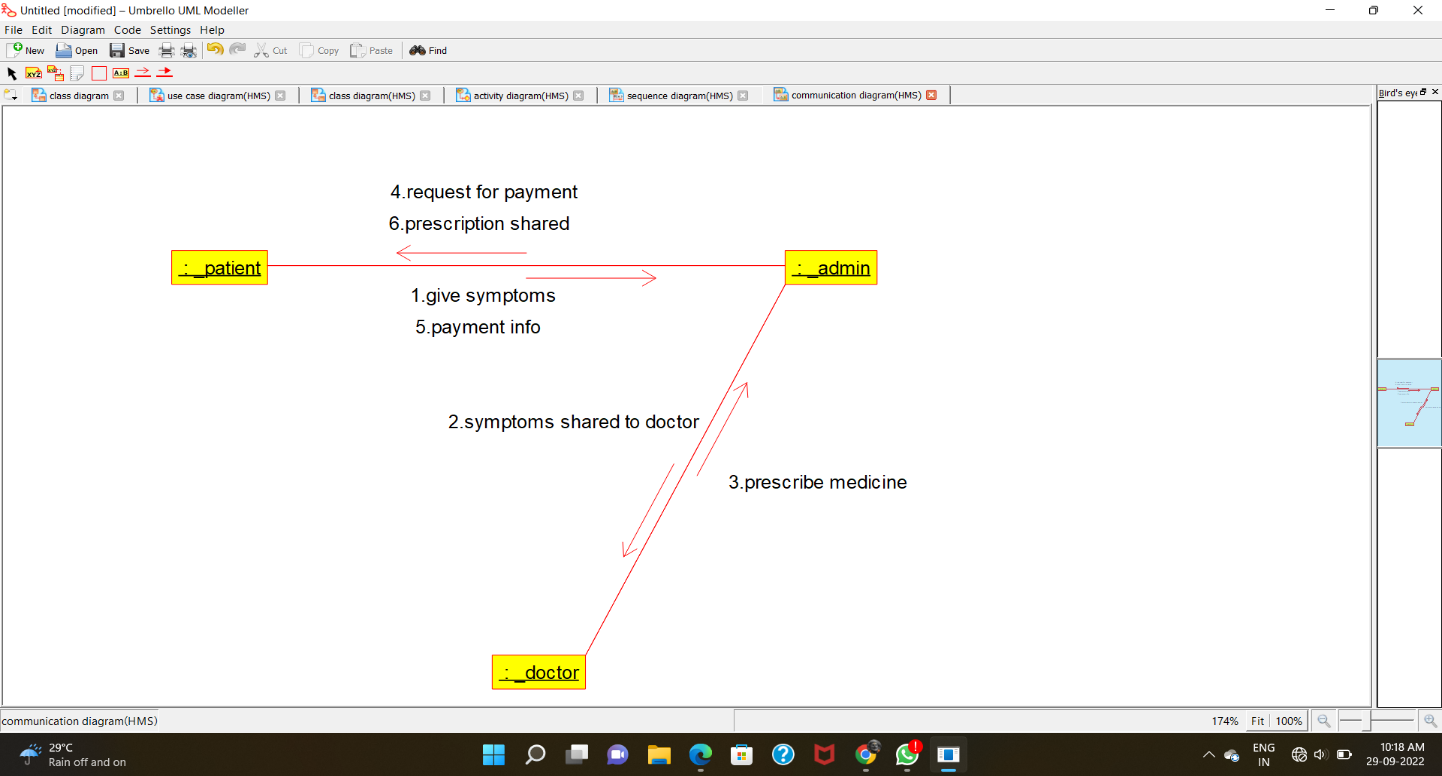
CLASS DIAGRAM

ACTIVITY DIAGRAM

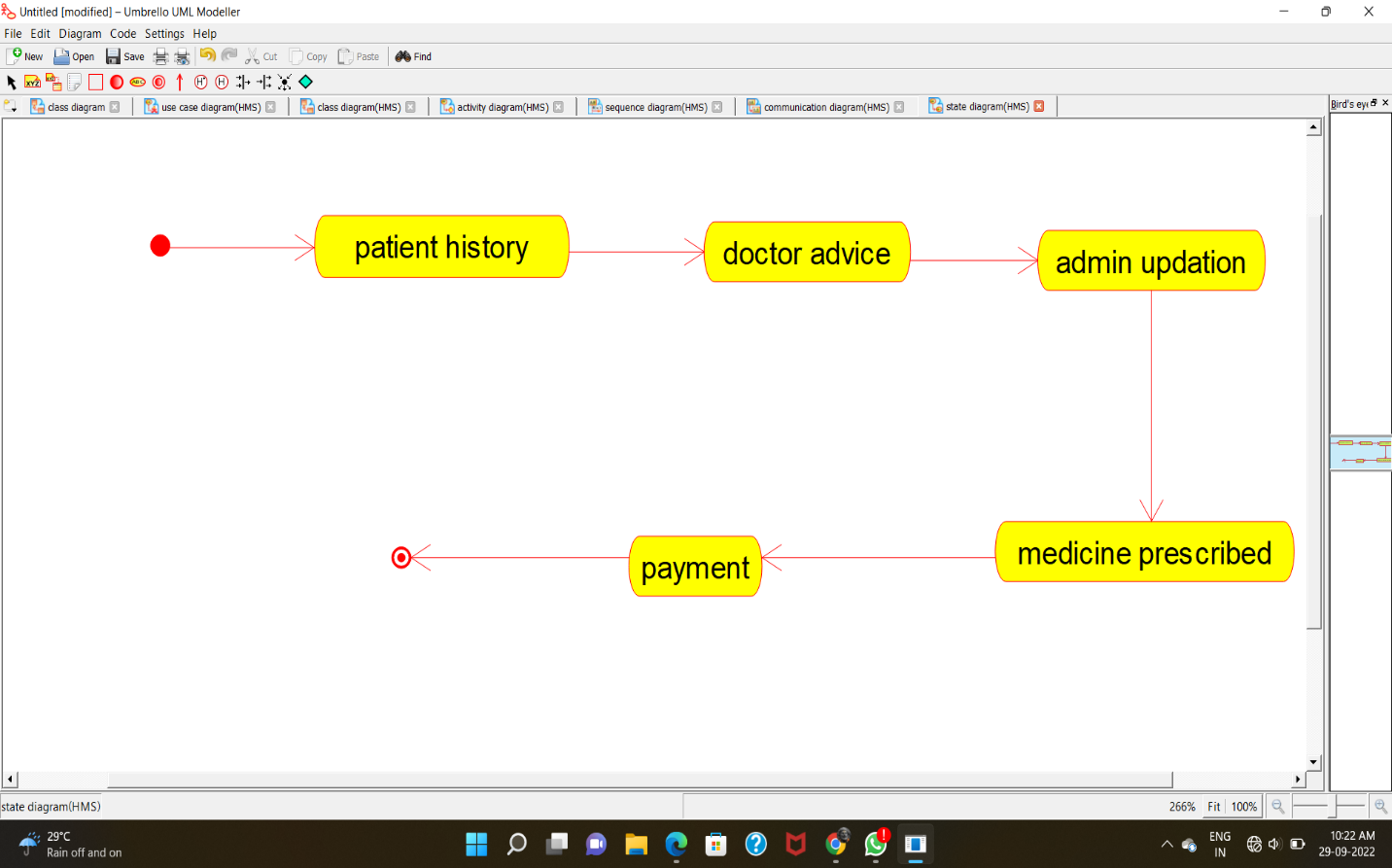


SEQUENCE DIAGRAM

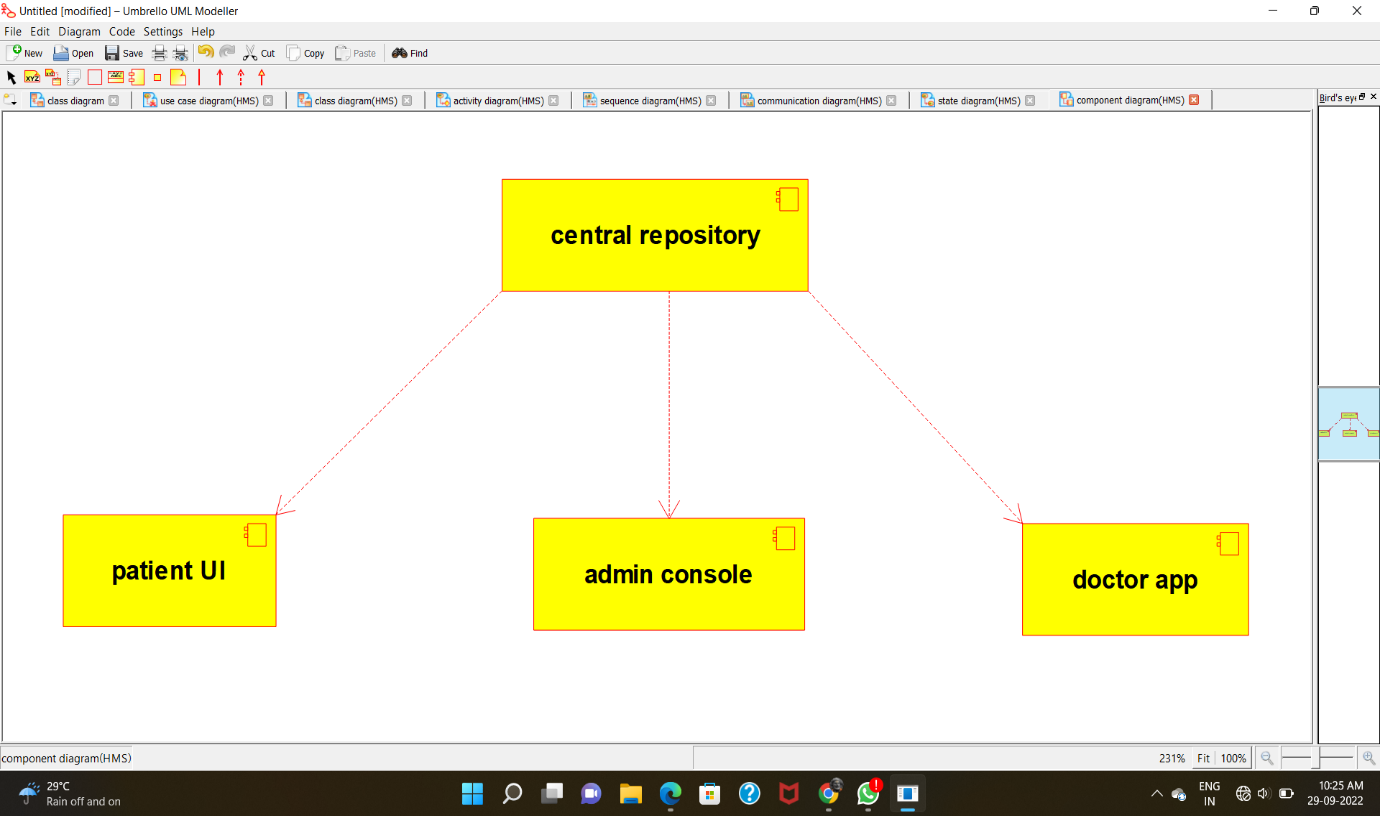
COLLABRATION DIAGRAM



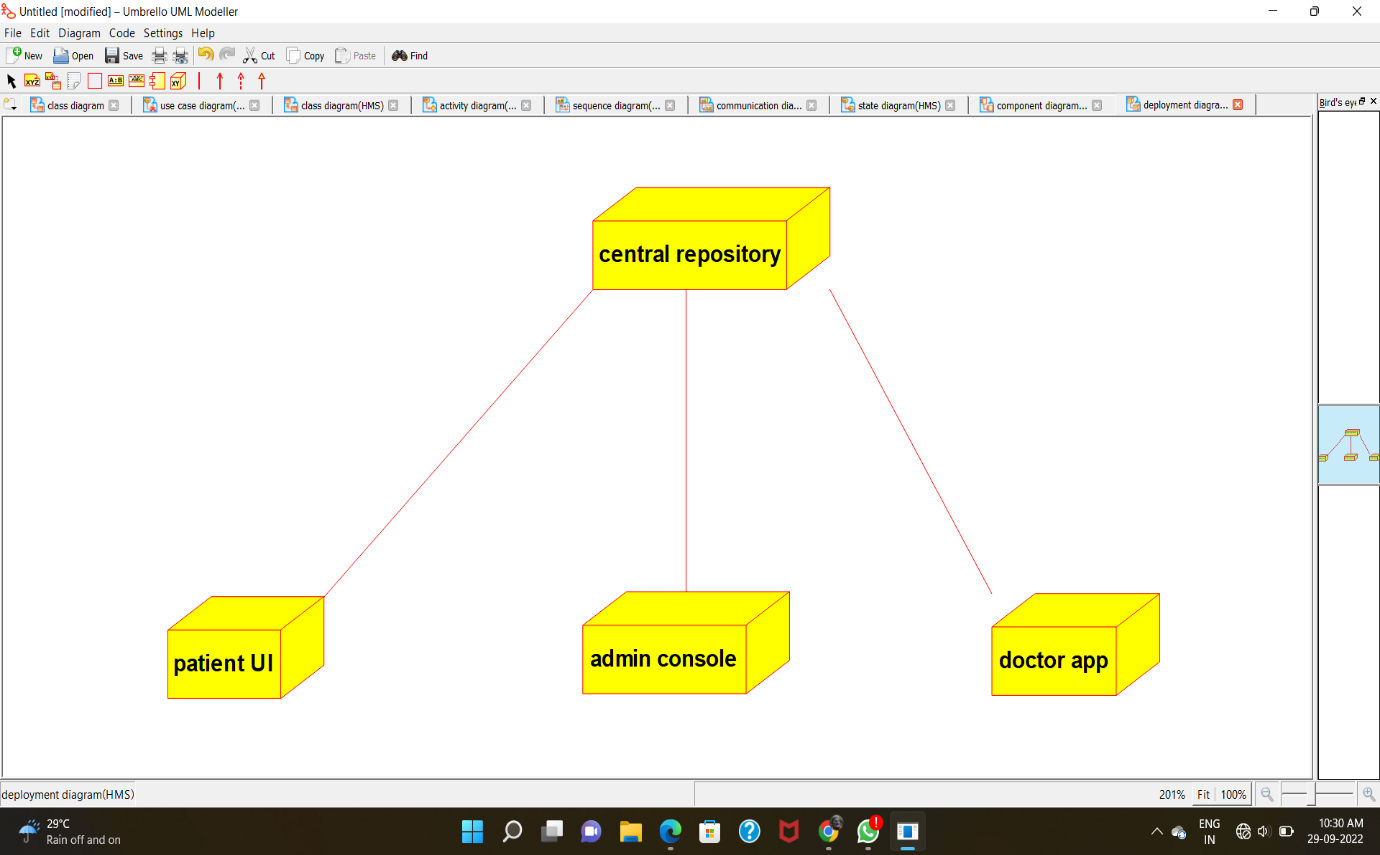
STATE-CHART DIAGRAM



COMPONENT DIAGRAM



DEPLOYMENT DIAGRAM



PROGRAM CODE

CENTRAL REPOSITORY:

/\*\*

\* Class central\_repository

\*/

public class central\_repository {

//

// Fields

//

private void patient\_details;

private void doctor\_details;

private void diagnosis\_report;

//

// Constructors

//

public central\_repository () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of patient\_details

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

\*/

private void setPatient\_details (void newVar) {

patient\_details = newVar;

}

/\*\*

\* Get the value of patient\_details

\* @return the value of patient\_details

\*/

private void getPatient\_details () {

return patient\_details;

}

/\*\*

\* Set the value of doctor\_details

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

\*/

private void setDoctor\_details (void newVar) {

doctor\_details = newVar;

}

/\*\*

\* Get the value of doctor\_details

\* @return the value of doctor\_details

\*/

private void getDoctor\_details () {

return doctor\_details;

}

/\*\*

\* Set the value of diagnosis\_report

\* @param newVar the new value of diagnosis\_report

\*/

private void setDiagnosis\_report (void newVar) {

diagnosis\_report = newVar;

}

/\*\*

\* Get the value of diagnosis\_report

\* @return the value of diagnosis\_report

\*/

private void getDiagnosis\_report () {

return diagnosis\_report;

}

//

// Other methods

//

/\*\*

\*/

public void store\_patient\_details()

{

}

/\*\*

\*/

public void respective\_doctor\_details()

{

}

/\*\*

\*/

public void store\_the\_diagnose\_report()

{

}

}

**PATIENT:**

/\*\*

\* Class patient

\*/

public class patient {

//

// Fields

//

private void general\_details;

private void symptons;

private void medicinal\_data;

//

// Constructors

//

public patient () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of general\_details

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

\*/

private void setGeneral\_details (void newVar) {

general\_details = newVar;

}

/\*\*

\* Get the value of general\_details

\* @return the value of general\_details

\*/

private void getGeneral\_details () {

return general\_details;

}

/\*\*

\* Set the value of symptons

\* @param newVar the new value of symptons

\*/

private void setSymptons (void newVar) {

symptons = newVar;

}

/\*\*

\* Get the value of symptons

\* @return the value of symptons

\*/

private void getSymptons () {

return symptons;

}

/\*\*

\* Set the value of medicinal\_data

\* @param newVar the new value of medicinal\_data

\*/

private void setMedicinal\_data (void newVar) {

medicinal\_data = newVar;

}

/\*\*

\* Get the value of medicinal\_data

\* @return the value of medicinal\_data

\*/

private void getMedicinal\_data () {

return medicinal\_data;

}

//

// Other methods

//

/\*\*

\*/

public void collect\_general\_details()

{

}

/\*\*

\*/

public void symptoms\_analyzed()

{

}

/\*\*

\*/

public void prescribed\_medical\_info()

{

}

}

**ADMIN:**

/\*\*

\* Class admin

\*/

public class admin {

//

// Fields

//

private void patient\_details;

private void doctor\_details;

private void maintain\_repository;

//

// Constructors

//

public admin () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of patient\_details

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

\*/

private void setPatient\_details (void newVar) {

patient\_details = newVar;

}

/\*\*

\* Get the value of patient\_details

\* @return the value of patient\_details

\*/

private void getPatient\_details () {

return patient\_details;

}

/\*\*

\* Set the value of doctor\_details

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

\*/

private void setDoctor\_details (void newVar) {

doctor\_details = newVar;

}

/\*\*

\* Get the value of doctor\_details

\* @return the value of doctor\_details

\*/

private void getDoctor\_details () {

return doctor\_details;

}

/\*\*

\* Set the value of maintain\_repository

\* @param newVar the new value of maintain\_repository

\*/

private void setMaintain\_repository (void newVar) {

maintain\_repository = newVar;

}

/\*\*

\* Get the value of maintain\_repository

\* @return the value of maintain\_repository

\*/

private void getMaintain\_repository () {

return maintain\_repository;

}

//

// Other methods

//

/\*\*

\*/

public void collect\_patient\_details()

{

}

/\*\*

\*/

public void collect\_doctor\_details()

{

}

/\*\*

\*/

public void database\_maintenance()

{

}

}

DOCTOR:

/\*\*

\* Class doctor

\*/

public class doctor {

//

// Fields

//

private void patient\_symptoms;

private void patient\_history;

private void perscribe\_medicine;

//

// Constructors

//

public doctor () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of patient\_symptoms

\* @param newVar the new value of patient\_symptoms

\*/

private void setPatient\_symptoms (void newVar) {

patient\_symptoms = newVar;

}

/\*\*

\* Get the value of patient\_symptoms

\* @return the value of patient\_symptoms

\*/

private void getPatient\_symptoms () {

return patient\_symptoms;

}

/\*\*

\* Set the value of patient\_history

\* @param newVar the new value of patient\_history

\*/

private void setPatient\_history (void newVar) {

patient\_history = newVar;

}

/\*\*

\* Get the value of patient\_history

\* @return the value of patient\_history

\*/

private void getPatient\_history () {

return patient\_history;

}

/\*\*

\* Set the value of perscribe\_medicine

\* @param newVar the new value of perscribe\_medicine

\*/

private void setPerscribe\_medicine (void newVar) {

perscribe\_medicine = newVar;

}

/\*\*

\* Get the value of perscribe\_medicine

\* @return the value of perscribe\_medicine

\*/

private void getPerscribe\_medicine () {

return perscribe\_medicine;

}

//

// Other methods

//

/\*\*

\*/

public void check\_patient\_symptoms()

{

}

/\*\*

\*/

public void analyze\_patient\_history()

{

}

/\*\*

\*/

public void perscribe\_medicine\_and\_treatment()

{

}

}