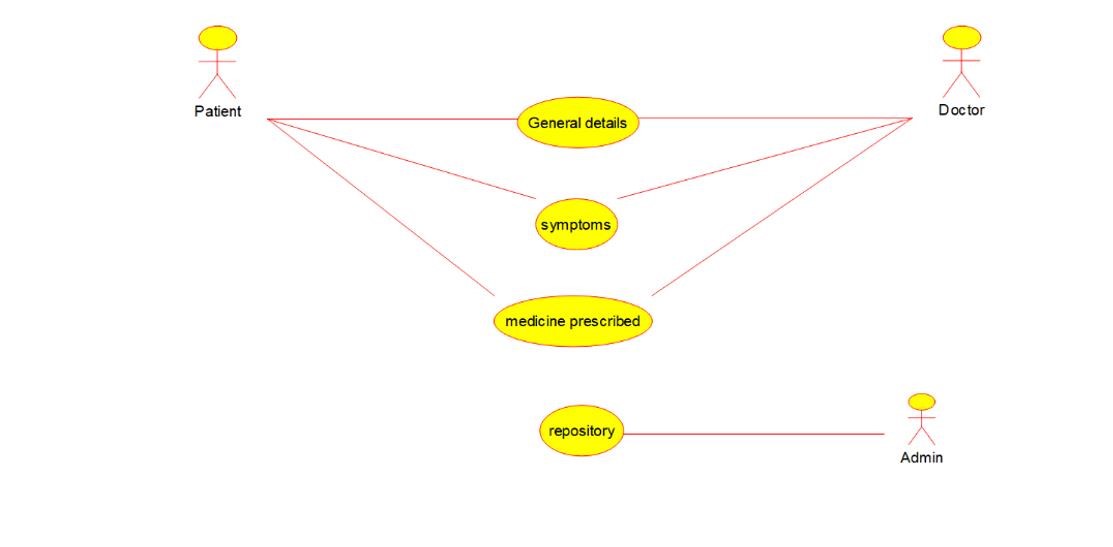
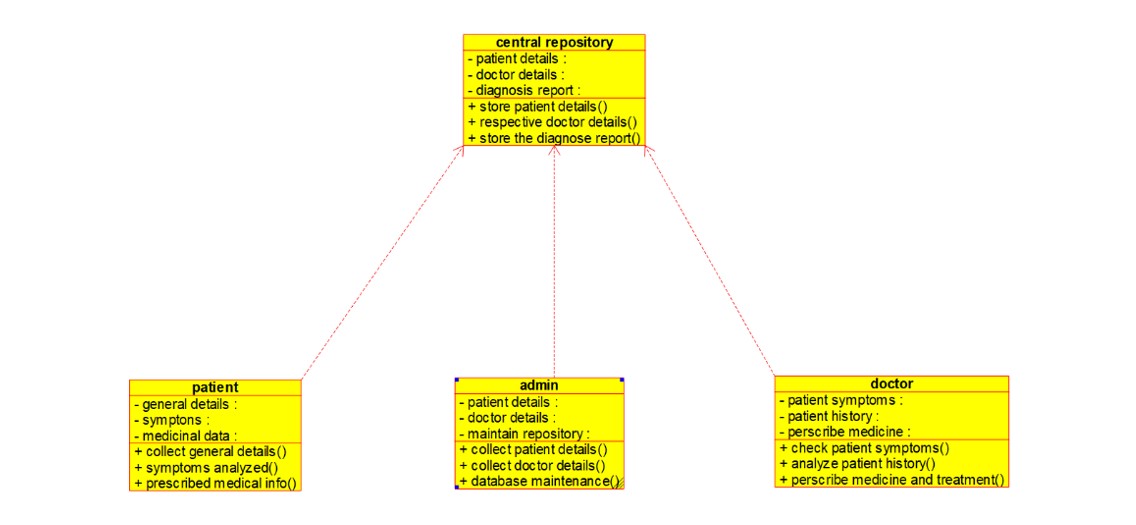
# 21- HOSPITAL MANAGEMENT SYSTEM

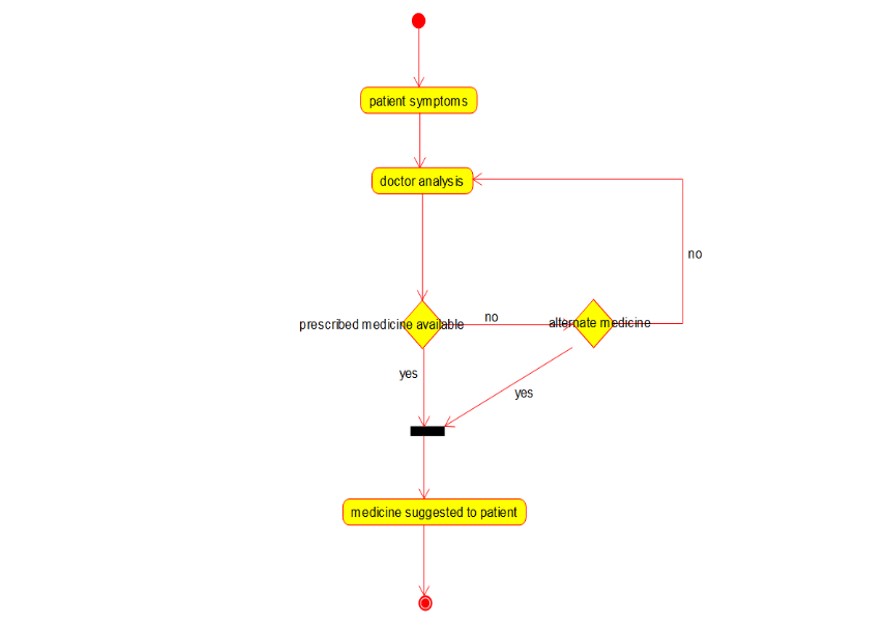
# USE CASE DIAGRAM:



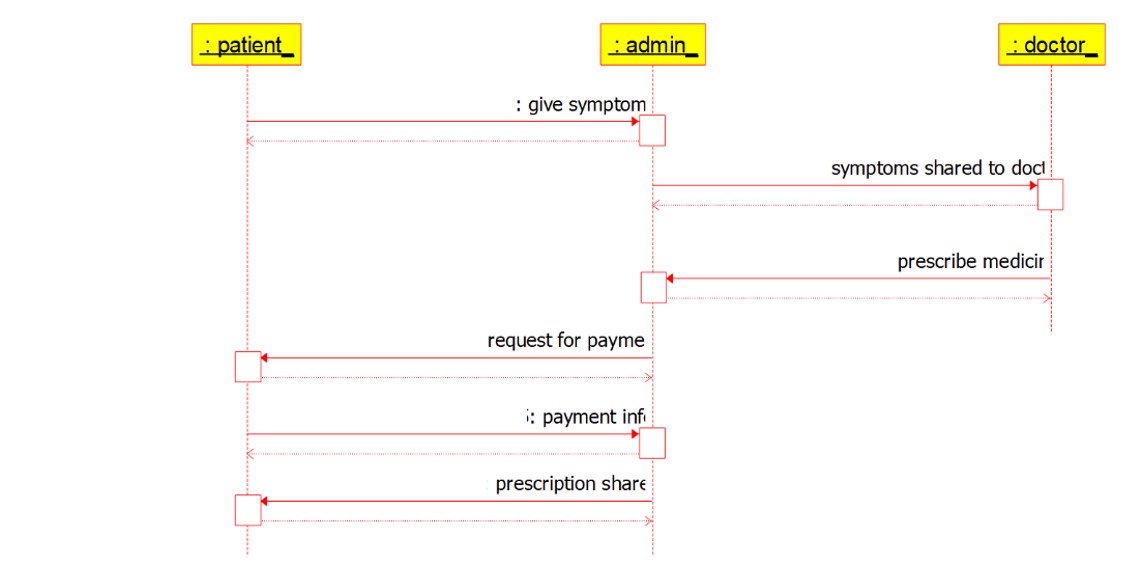
# CLASS DIAGRAM:



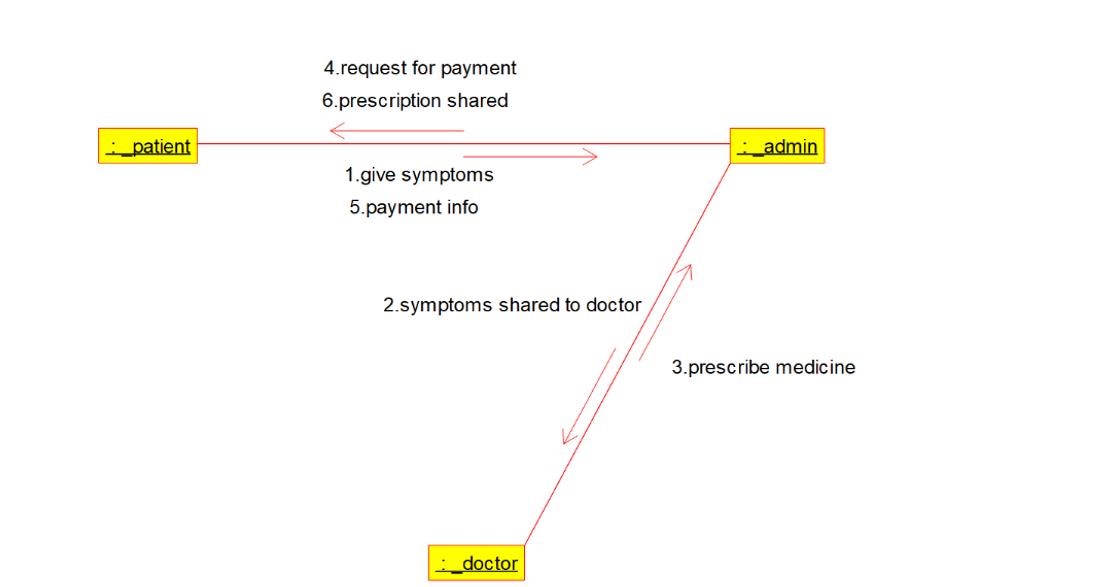
# ACTIVITY DIAGRAM:



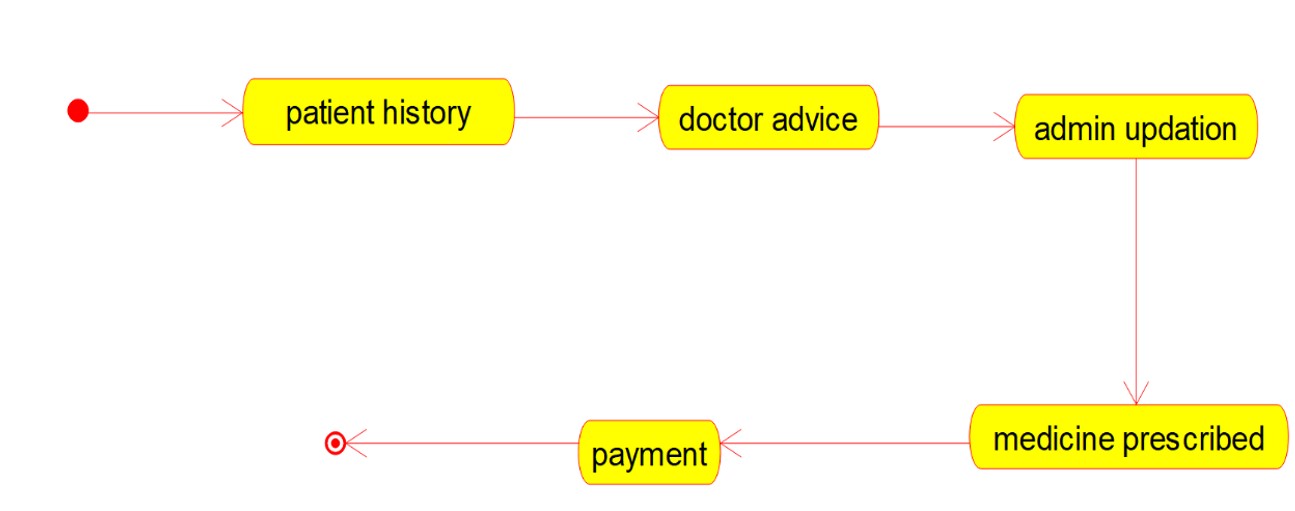
# SEQUENCE DIAGRAM:



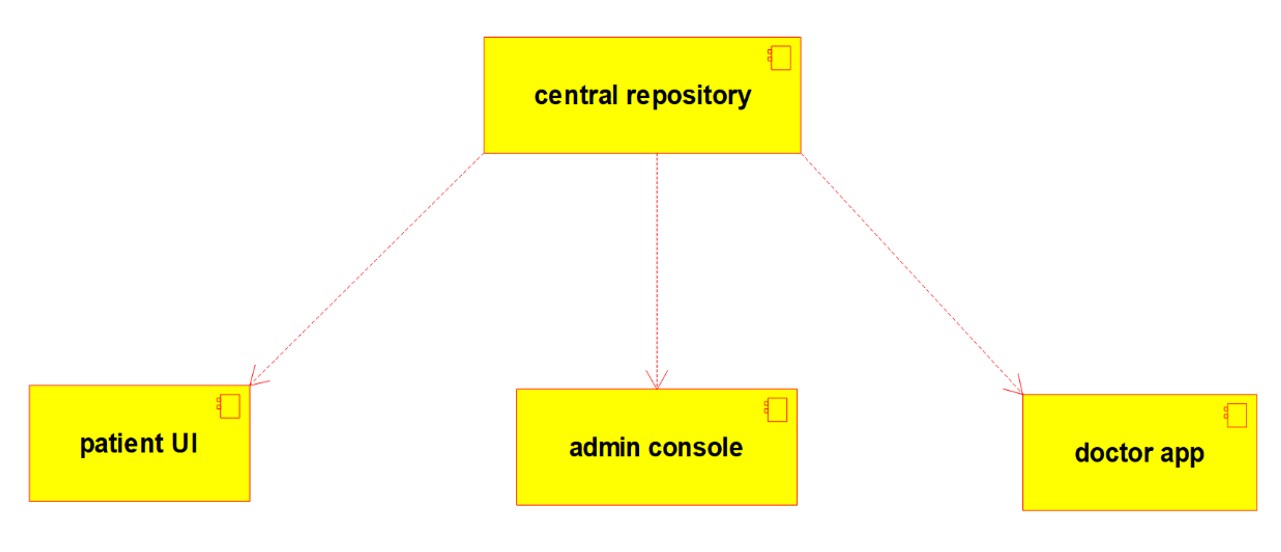
# COLLOBORATION DIAGRAM:



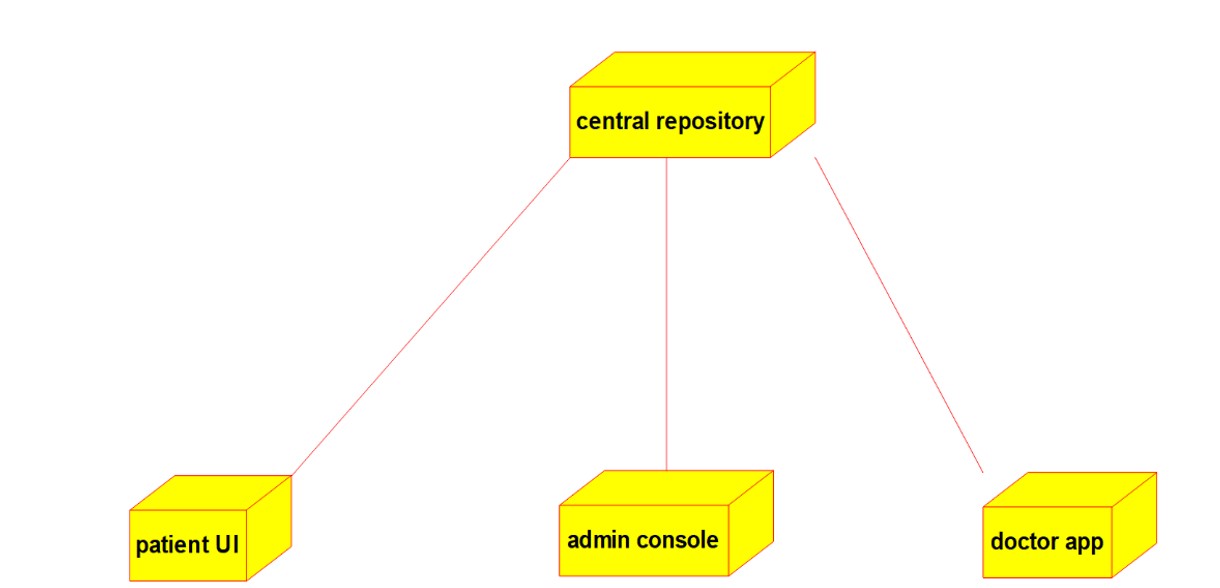
# STATE CHART DIAGRAM:



# COMPONENT DIAGRAM:



# DEPLOYMENT DIAGRAM:



**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()

{

}

}