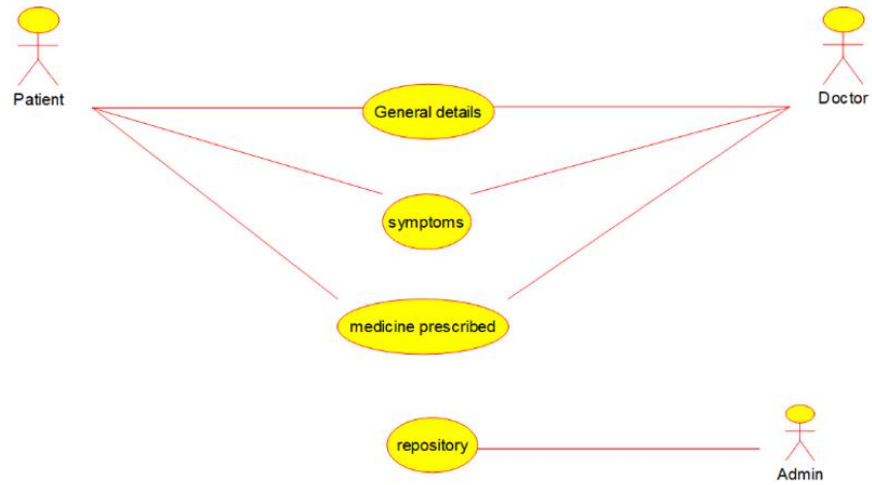
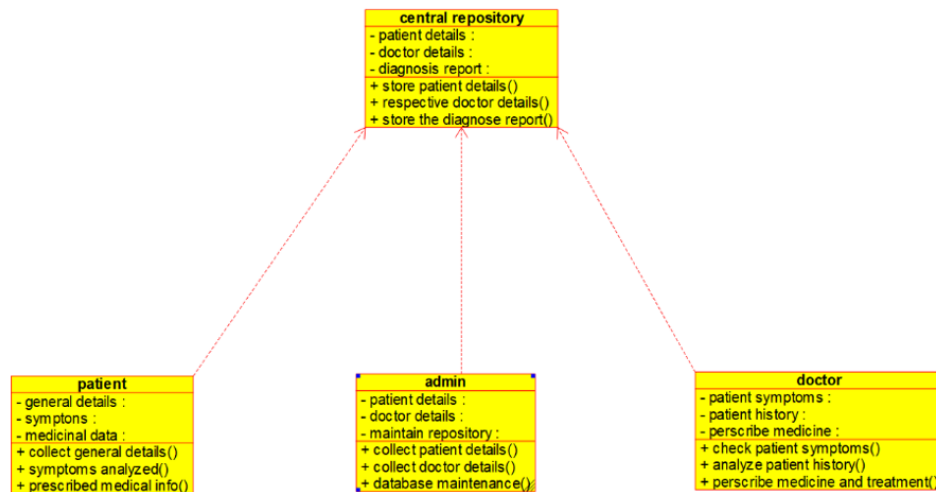


HOSPITAL MANAGEMENT SYSTEM

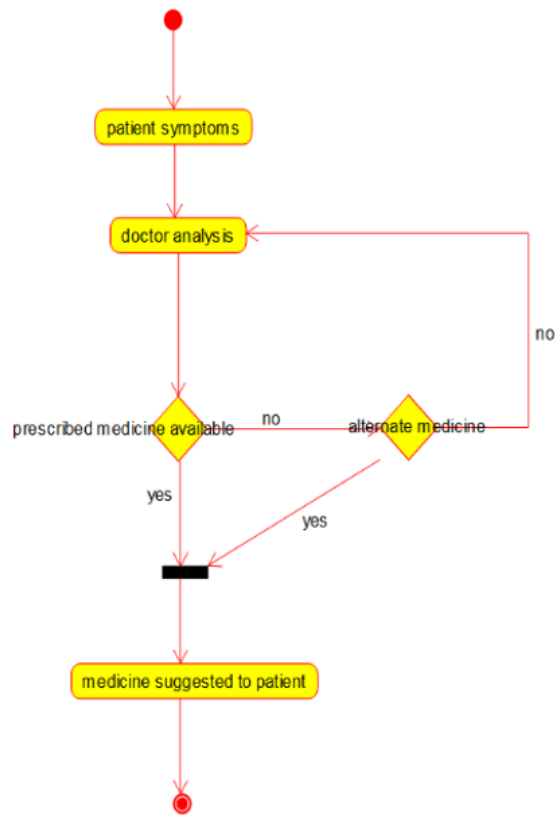
USE CASE DIAGRAM



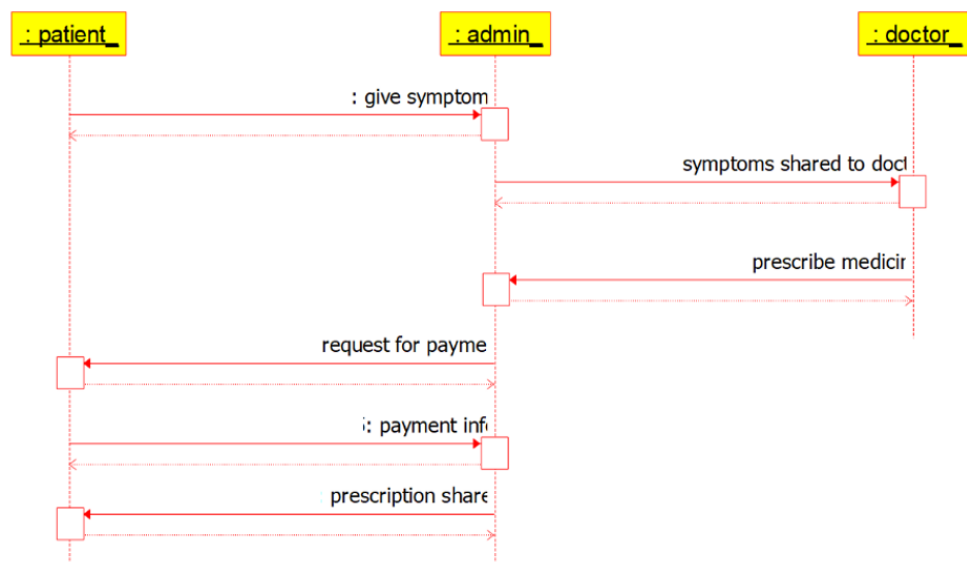
CLASS DIAGRAM



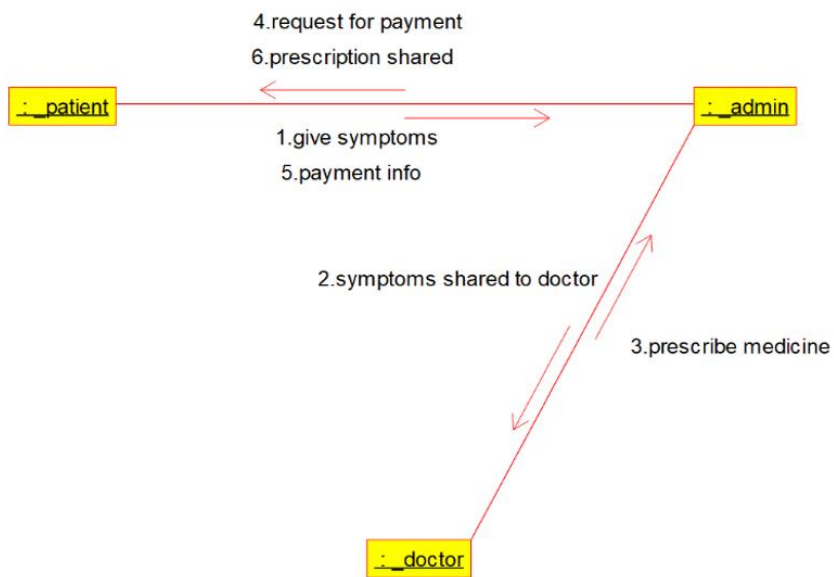
ACTIVITY DIAGRAM



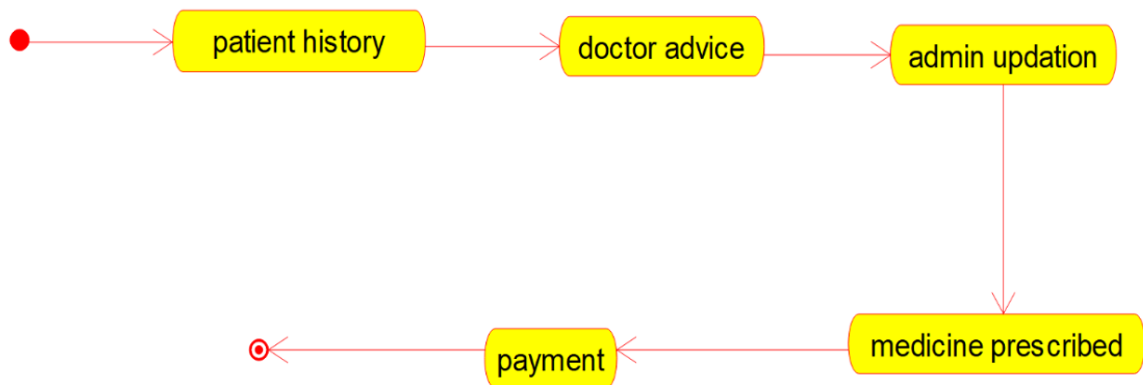
SEQUENCE DIAGRAM



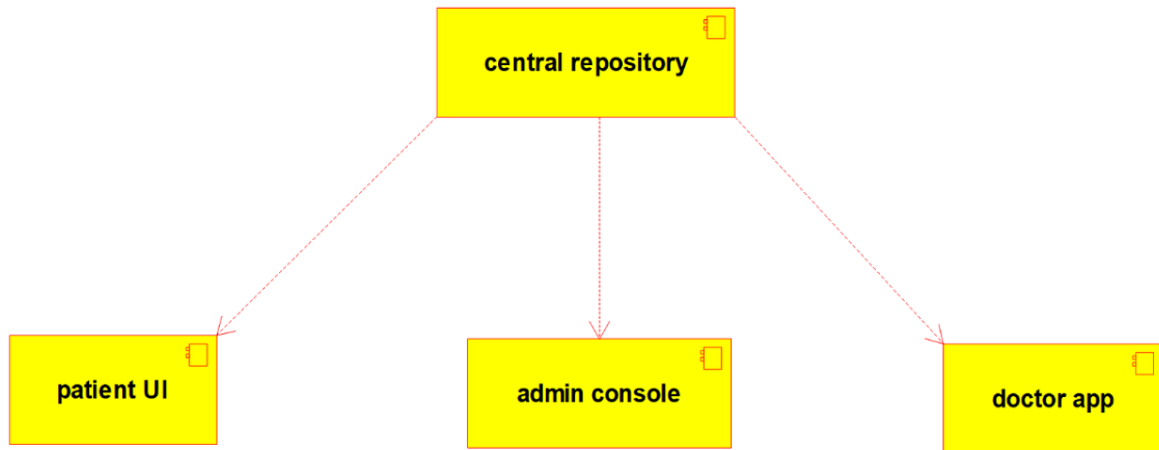
COLLABORATION DIAGRAM



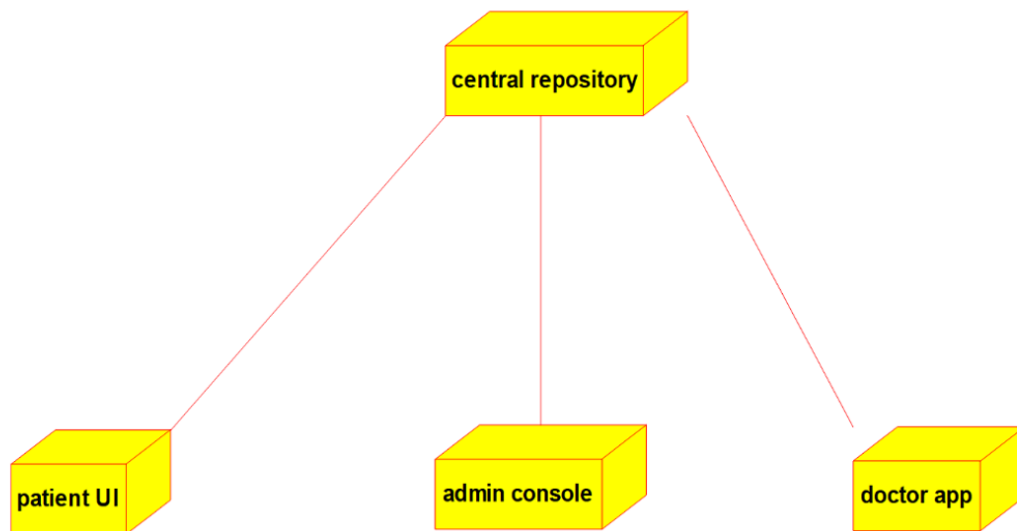
STATE CHART DIAGRAM



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 symptoms;
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 symptoms

```



```

    * @param newVar the new value of symptoms
    */
private void setSymptoms (void newVar) {
    symptoms = newVar;
}
/**
    * Get the value of symptoms
    * @return the value of symptoms
    */
private void getSymptoms () {
    return symptoms;
}
/**
    * 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()
{
}
}

```