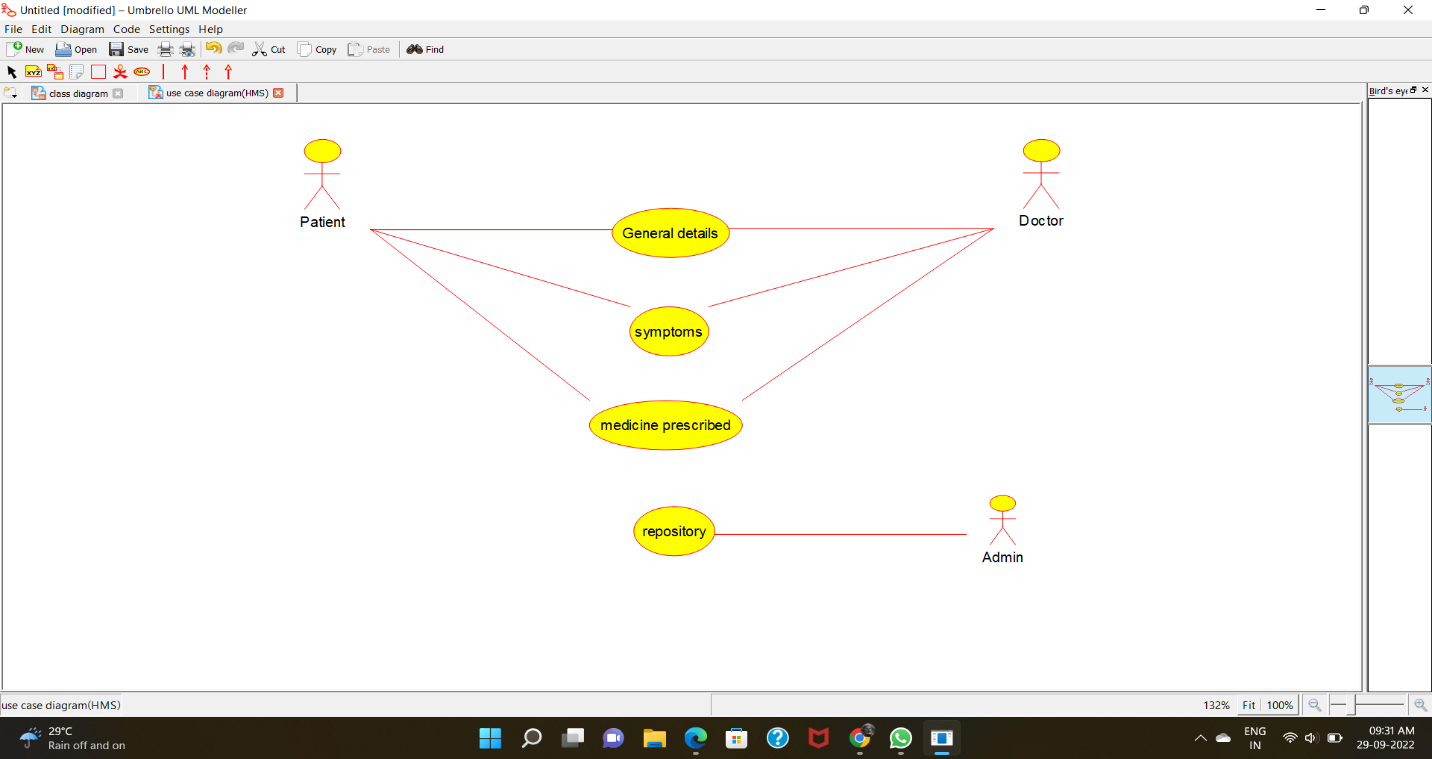
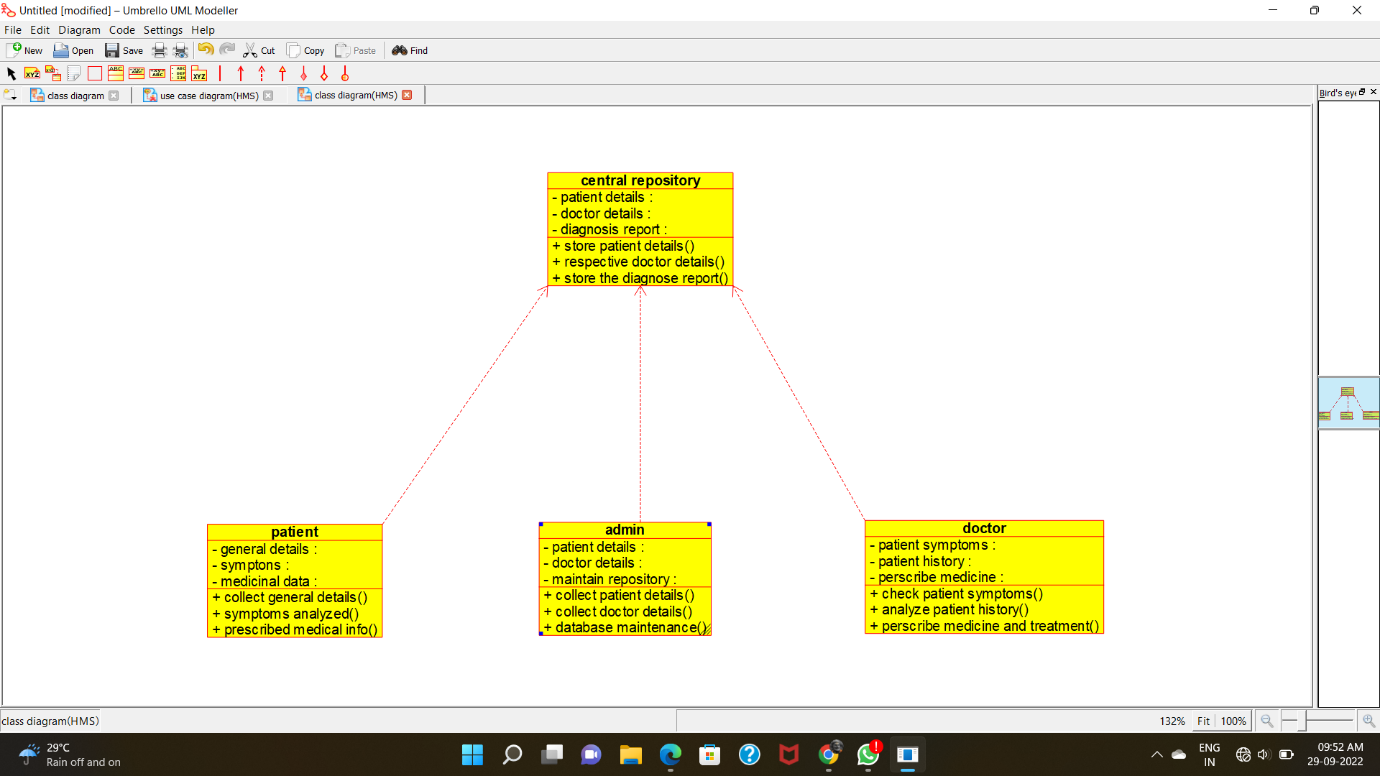
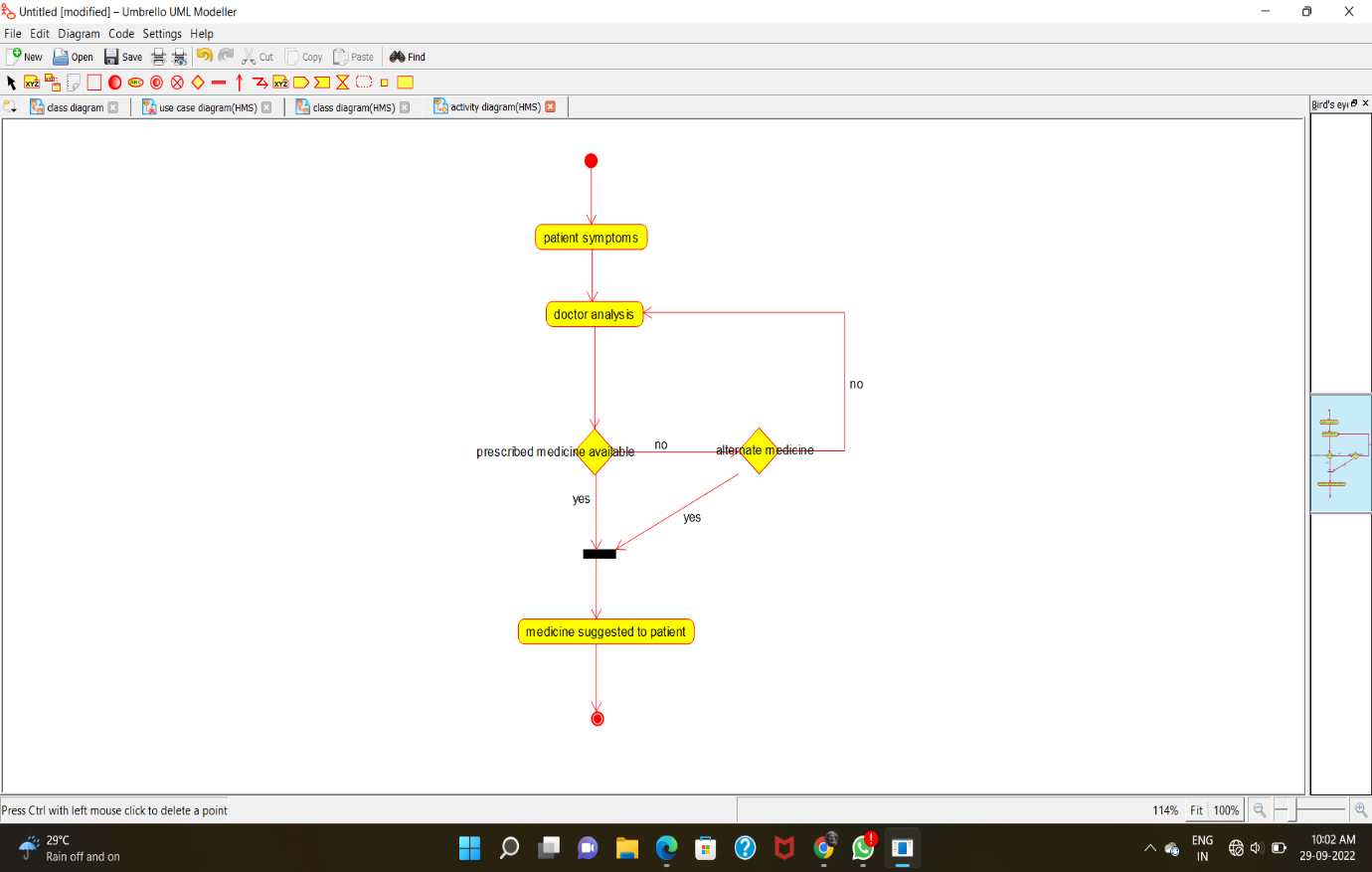
**21.HOSPITAL MANAGEMENT SYSTEM**

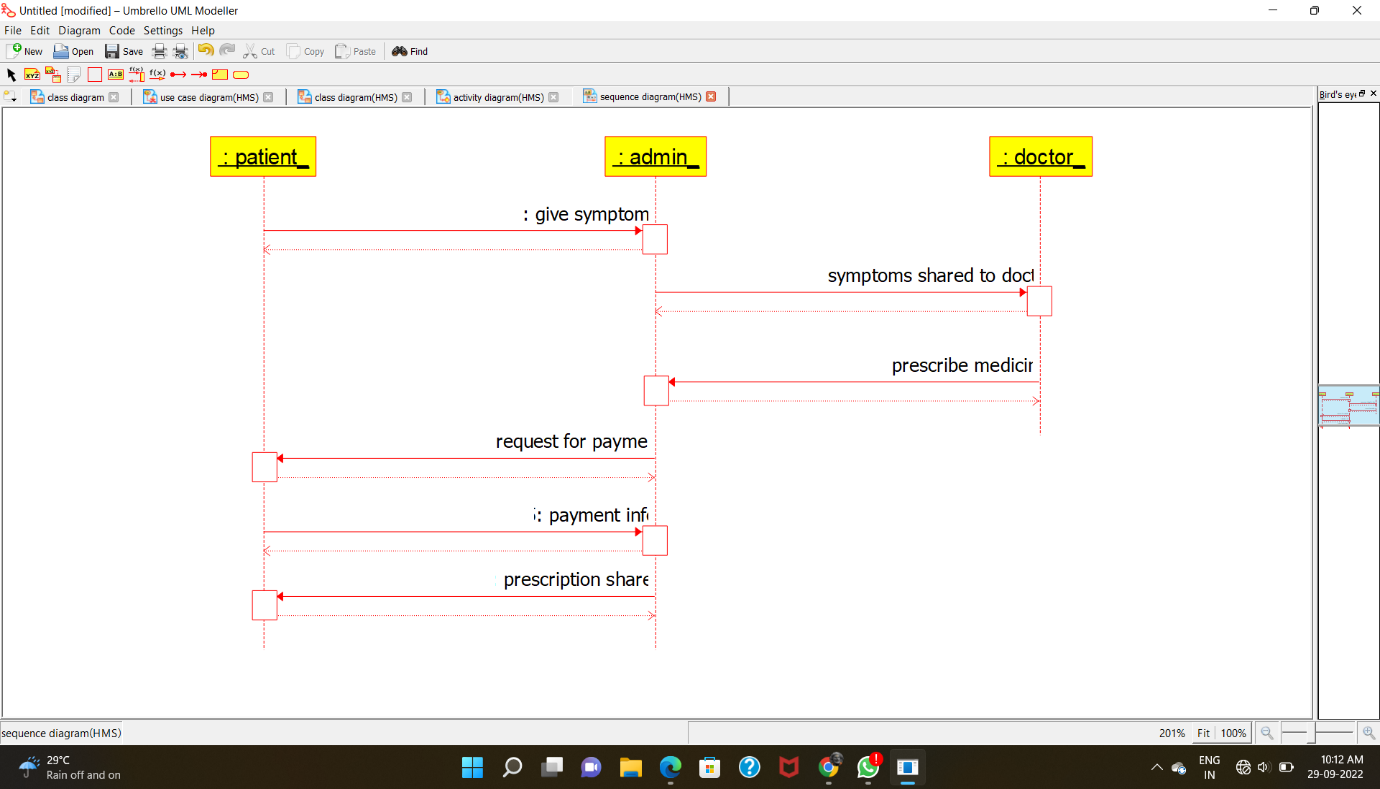
**USECASE DIAGRAM:**

****

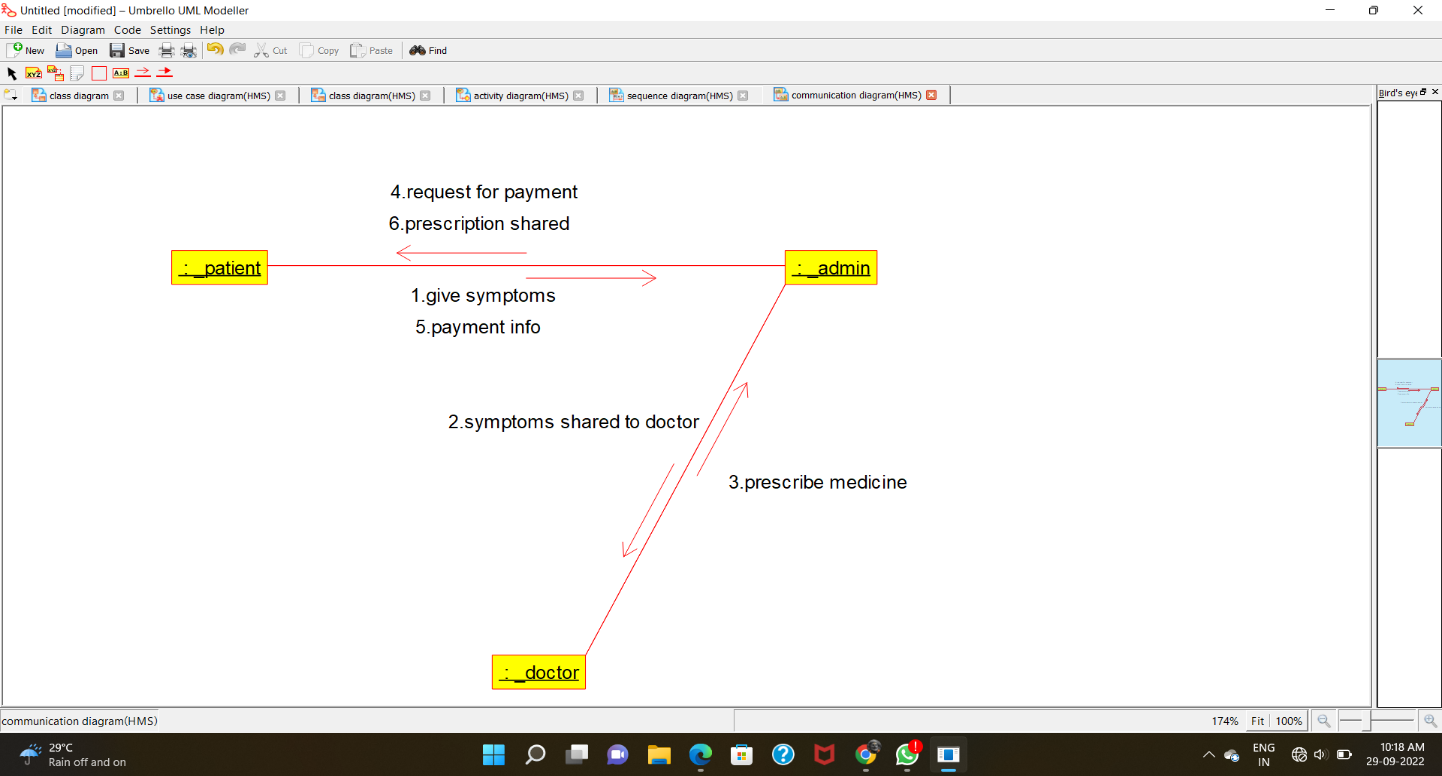
**CLASS DIAGRAM:**

**ACTIVITY DIAGRAM:**

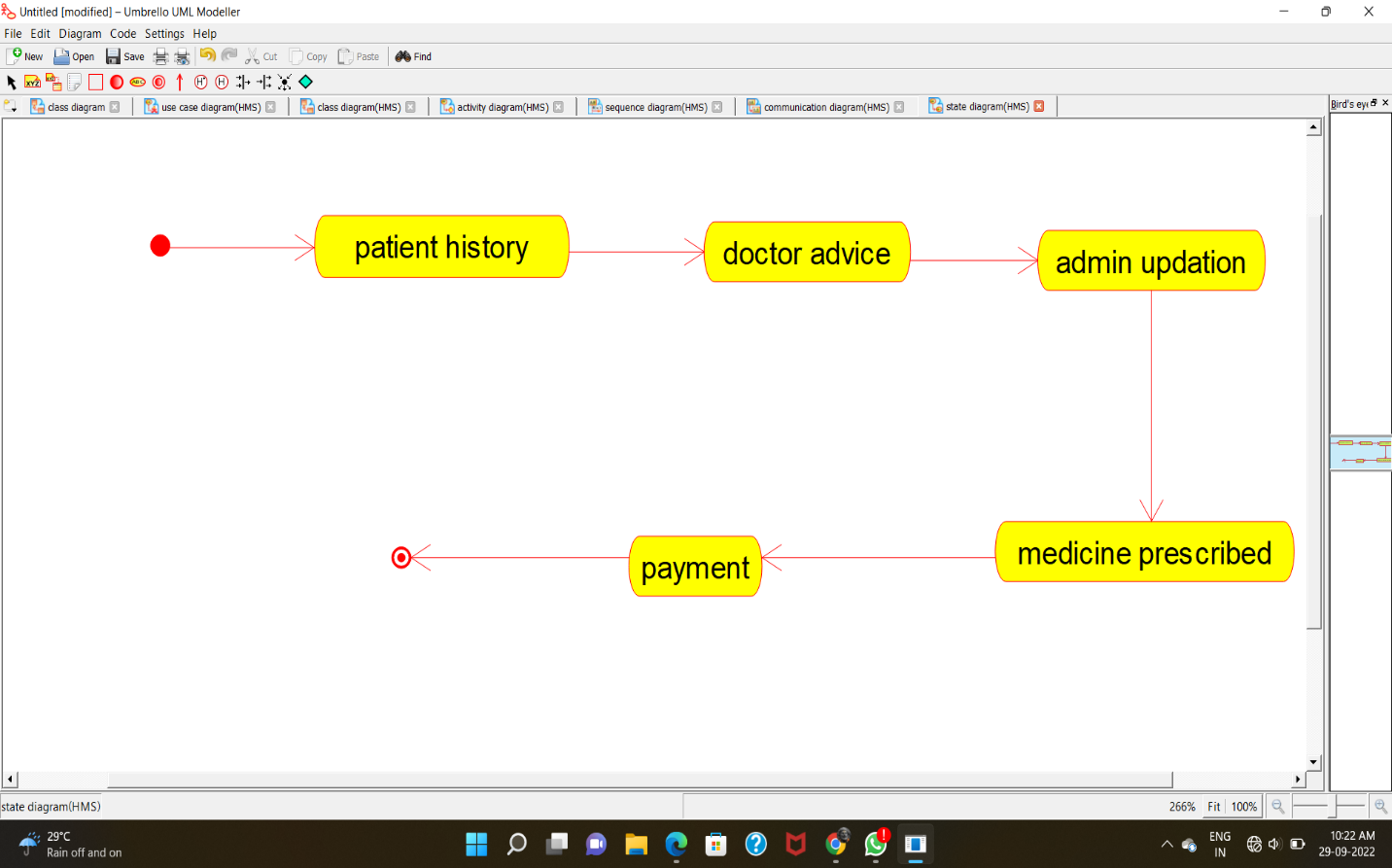
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**SEQUENCE DIAGRAM: **

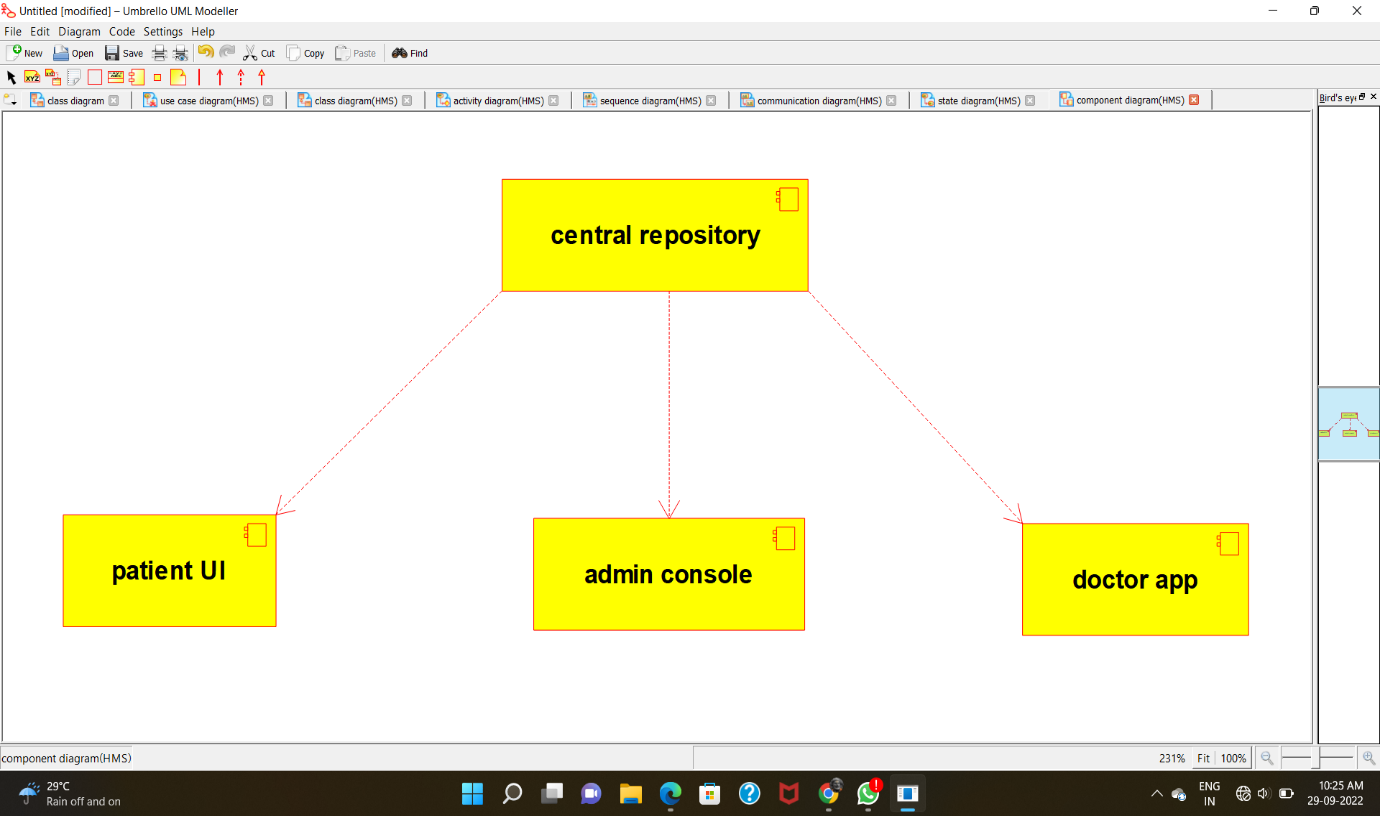
**COLLABRATION DIAGRAM:**

****

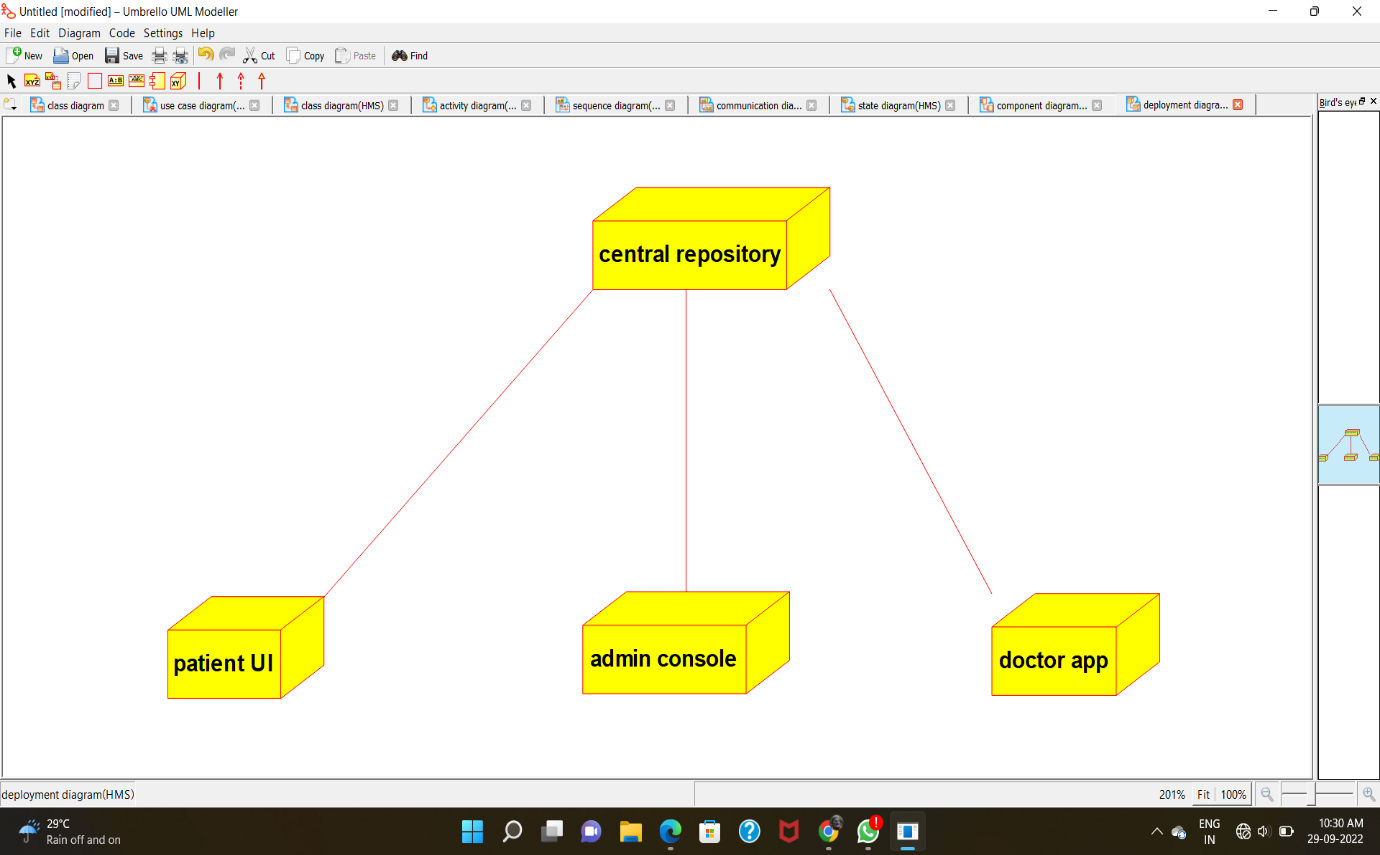
**STATE-CHART DIAGRAM:**

****

**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()**

**{**

**}**

**}**