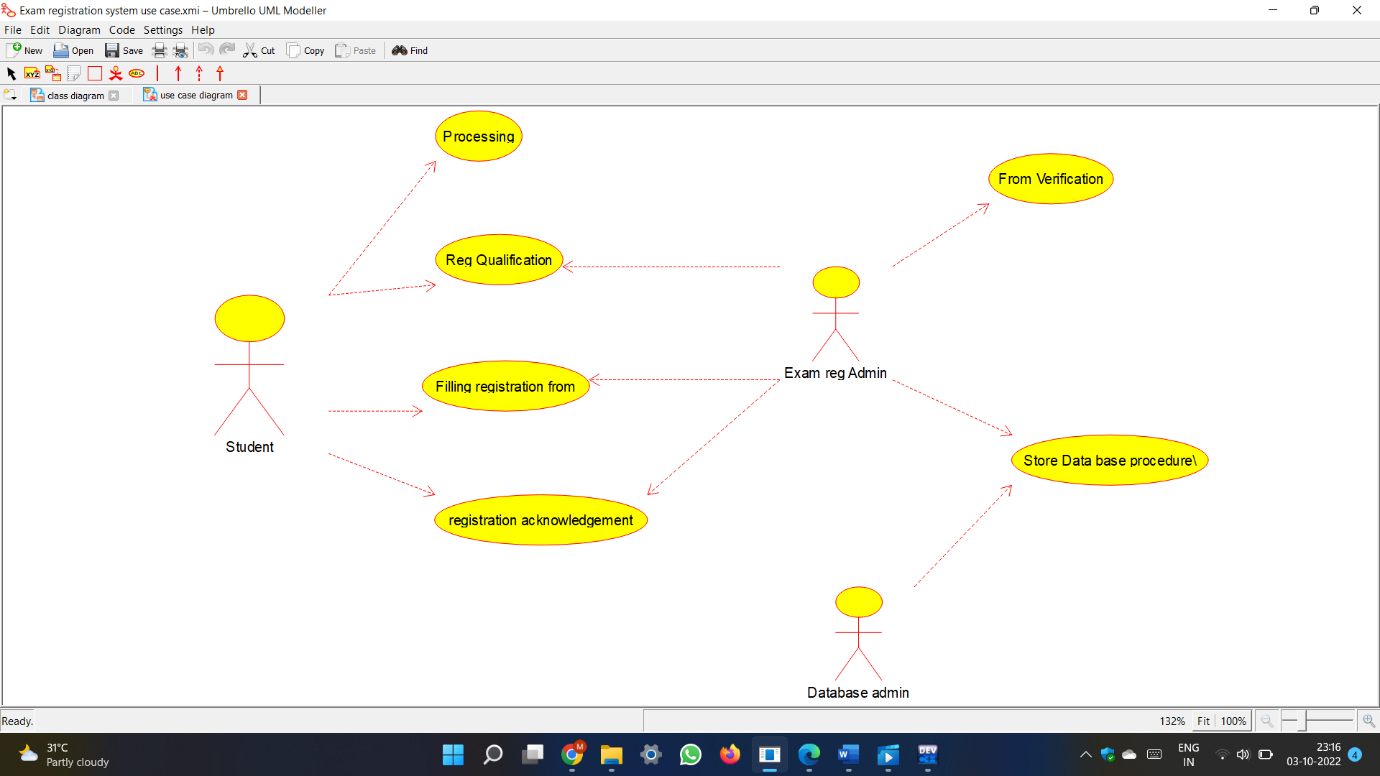
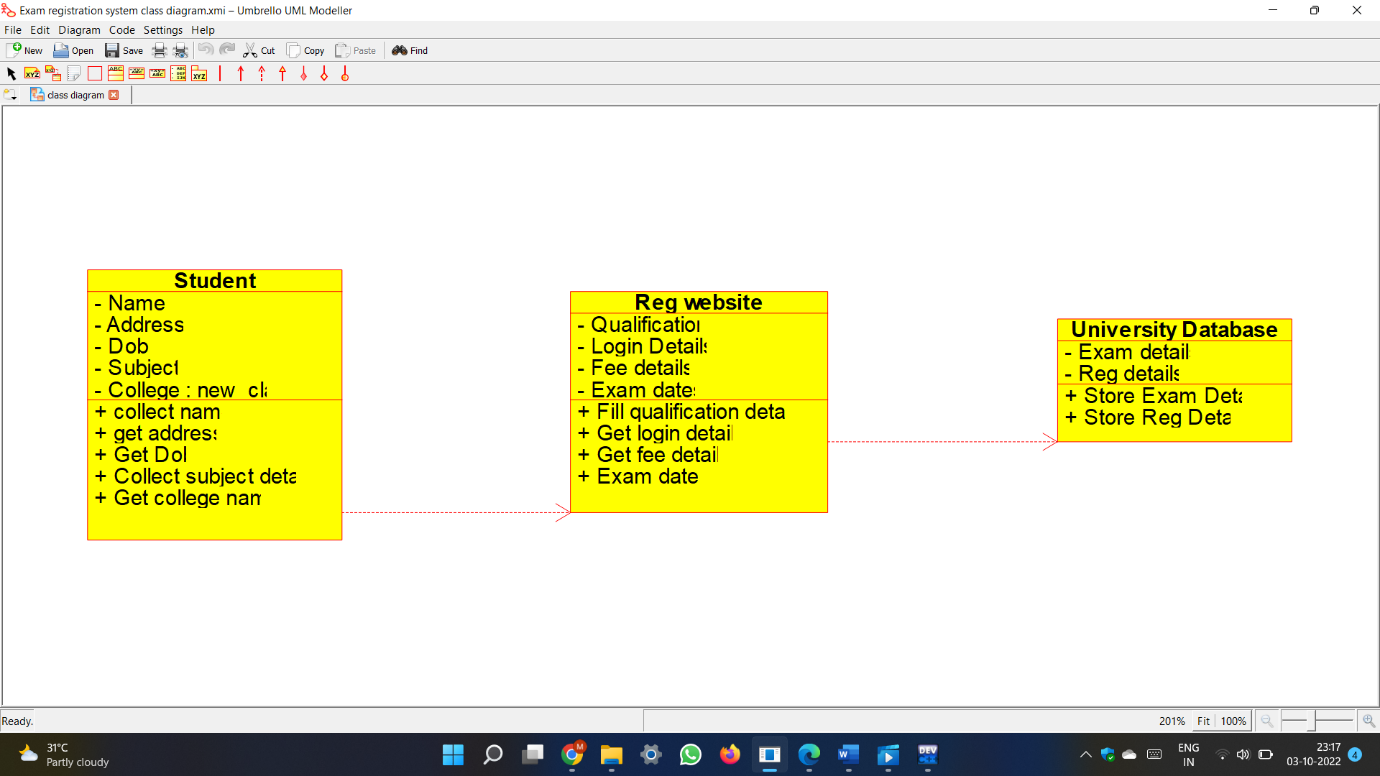
Exam Registration System

Use case :



Class diagram :



Code :

#ifndef STUDENT\_H

#define STUDENT\_H

#include <string>

/\*\*

\* class Student

\*

\*/

class Student

{

public:

// Constructors/Destructors

//

/\*\*

\* Empty Constructor

\*/

Student ();

/\*\*

\* Empty Destructor

\*/

virtual ~Student ();

// Static Public attributes

//

// Public attributes

//

// Public attribute accessor methods

//

// Public attribute accessor methods

//

/\*\*

\*/

void collect\_name ()

{

}

/\*\*

\*/

void get\_address ()

{

}

/\*\*

\*/

void Get\_Dob ()

{

}

/\*\*

\*/

void Collect\_subject\_details ()

{

}

/\*\*

\*/

void Get\_college\_name ()

{

}

protected:

// Static Protected attributes

//

// Protected attributes

//

public:

// Protected attribute accessor methods

//

protected:

public:

// Protected attribute accessor methods

//

protected:

private:

// Static Private attributes

//

// Private attributes

//

void Name;

void Address;

void Dob;

void Subject;

new\_class College;

public:

// Private attribute accessor methods

//

private:

public:

// Private attribute accessor methods

//

/\*\*

\* Set the value of Name

\* @param new\_var the new value of Name

\*/

void setName (void new\_var) {

Name = new\_var;

}

/\*\*

\* Get the value of Name

\* @return the value of Name

\*/

void getName () {

return Name;

}

/\*\*

\* Set the value of Address

\* @param new\_var the new value of Address

\*/

void setAddress (void new\_var) {

Address = new\_var;

}

/\*\*

\* Get the value of Address

\* @return the value of Address

\*/

void getAddress () {

return Address;

}

/\*\*

\* Set the value of Dob

\* @param new\_var the new value of Dob

\*/

void setDob (void new\_var) {

Dob = new\_var;

}

/\*\*

\* Get the value of Dob

\* @return the value of Dob

\*/

void getDob () {

return Dob;

}

/\*\*

\* Set the value of Subject

\* @param new\_var the new value of Subject

\*/

void setSubject (void new\_var) {

Subject = new\_var;

}

/\*\*

\* Get the value of Subject

\* @return the value of Subject

\*/

void getSubject () {

return Subject;

}

/\*\*

\* Set the value of College

\* @param new\_var the new value of College

\*/

void setCollege (new\_class new\_var) {

College = new\_var;

}

/\*\*

\* Get the value of College

\* @return the value of College

\*/

new\_class getCollege () {

return College;

}

private:

void initAttributes () ;

};

#endif // STUDENT\_H

#ifndef REG\_WEBSITE\_H

#define REG\_WEBSITE\_H

#include <string>

/\*\*

\* class Reg\_website

\*

\*/

class Reg\_website

{

public:

// Constructors/Destructors

//

/\*\*

\* Empty Constructor

\*/

Reg\_website ();

/\*\*

\* Empty Destructor

\*/

virtual ~Reg\_website ();

// Static Public attributes

//

// Public attributes

//

// Public attribute accessor methods

//

// Public attribute accessor methods

//

/\*\*

\*/

void Fill\_qualification\_details ()

{

}

/\*\*

\*/

void Get\_login\_details ()

{

}

/\*\*

\*/

void Get\_fee\_details ()

{

}

/\*\*

\*/

void Exam\_dates ()

{

}

protected:

// Static Protected attributes

//

// Protected attributes

//

public:

// Protected attribute accessor methods

//

protected:

public:

// Protected attribute accessor methods

//

protected:

private:

// Static Private attributes

//

// Private attributes

//

void Qualification;

void Login\_Details;

void Fee\_details;

void Exam\_dates;

public:

// Private attribute accessor methods

//

private:

public:

// Private attribute accessor methods

//

/\*\*

\* Set the value of Qualification

\* @param new\_var the new value of Qualification

\*/

void setQualification (void new\_var) {

Qualification = new\_var;

}

/\*\*

\* Get the value of Qualification

\* @return the value of Qualification

\*/

void getQualification () {

return Qualification;

}

/\*\*

\* Set the value of Login\_Details

\* @param new\_var the new value of Login\_Details

\*/

void setLogin\_Details (void new\_var) {

Login\_Details = new\_var;

}

/\*\*

\* Get the value of Login\_Details

\* @return the value of Login\_Details

\*/

void getLogin\_Details () {

return Login\_Details;

}

/\*\*

\* Set the value of Fee\_details

\* @param new\_var the new value of Fee\_details

\*/

void setFee\_details (void new\_var) {

Fee\_details = new\_var;

}

/\*\*

\* Get the value of Fee\_details

\* @return the value of Fee\_details

\*/

void getFee\_details () {

return Fee\_details;

}

/\*\*

\* Set the value of Exam\_dates

\* @param new\_var the new value of Exam\_dates

\*/

void setExam\_dates (void new\_var) {

Exam\_dates = new\_var;

}

/\*\*

\* Get the value of Exam\_dates

\* @return the value of Exam\_dates

\*/

void getExam\_dates () {

return Exam\_dates;

}

private:

void initAttributes () ;

};

#endif // REG\_WEBSITE\_H

#ifndef UNIVERSITY\_DATABASE\_H

#define UNIVERSITY\_DATABASE\_H

#include <string>

/\*\*

\* class University\_Database

\*

\*/

class University\_Database

{

public:

// Constructors/Destructors

//

/\*\*

\* Empty Constructor

\*/

University\_Database ();

/\*\*

\* Empty Destructor

\*/

virtual ~University\_Database ();

// Static Public attributes

//

// Public attributes

//

// Public attribute accessor methods

//

// Public attribute accessor methods

//

/\*\*

\*/

void Store\_Exam\_Details ()

{

}

/\*\*

\*/

void Store\_Reg\_Details ()

{

}

protected:

// Static Protected attributes

//

// Protected attributes

//

public:

// Protected attribute accessor methods

//

protected:

public:

// Protected attribute accessor methods

//

protected:

private:

// Static Private attributes

//

// Private attributes

//

void Exam\_details;

void Reg\_details;

public:

// Private attribute accessor methods

//

private:

public:

// Private attribute accessor methods

//

/\*\*

\* Set the value of Exam\_details

\* @param new\_var the new value of Exam\_details

\*/

void setExam\_details (void new\_var) {

Exam\_details = new\_var;

}

/\*\*

\* Get the value of Exam\_details

\* @return the value of Exam\_details

\*/

void getExam\_details () {

return Exam\_details;

}

/\*\*

\* Set the value of Reg\_details

\* @param new\_var the new value of Reg\_details

\*/

void setReg\_details (void new\_var) {

Reg\_details = new\_var;

}

/\*\*

\* Get the value of Reg\_details

\* @return the value of Reg\_details

\*/

void getReg\_details () {

return Reg\_details;

}

private:

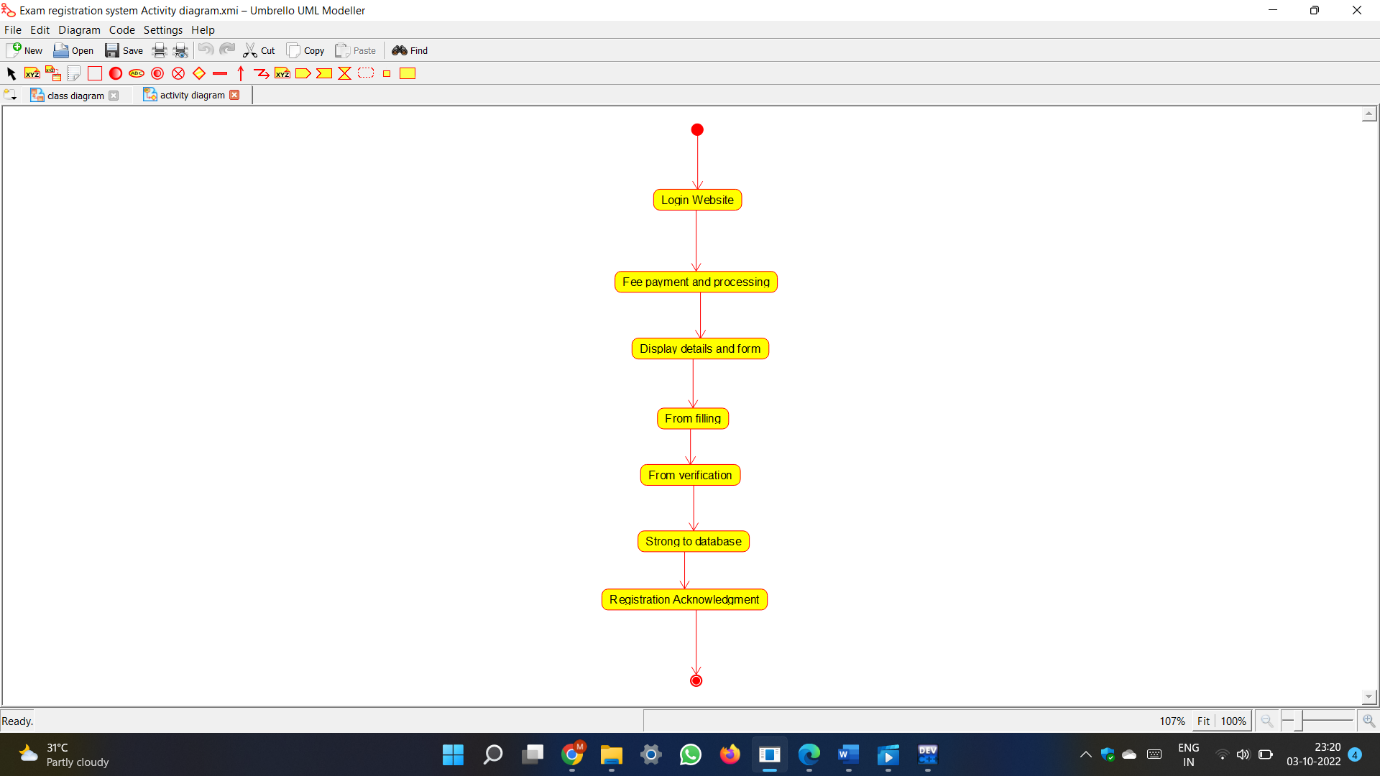
void initAttributes () ;

};

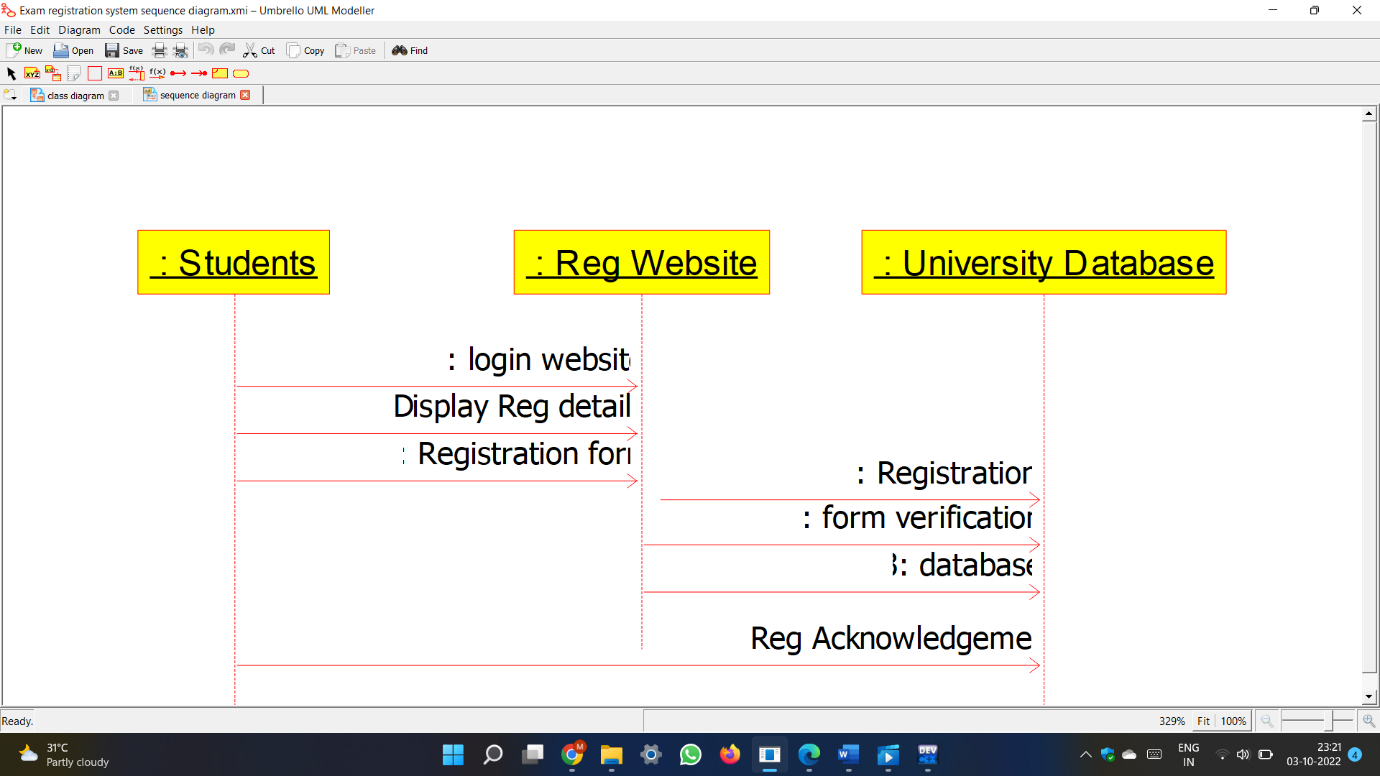
#endif // UNIVERSITY\_DATABASE

\_H

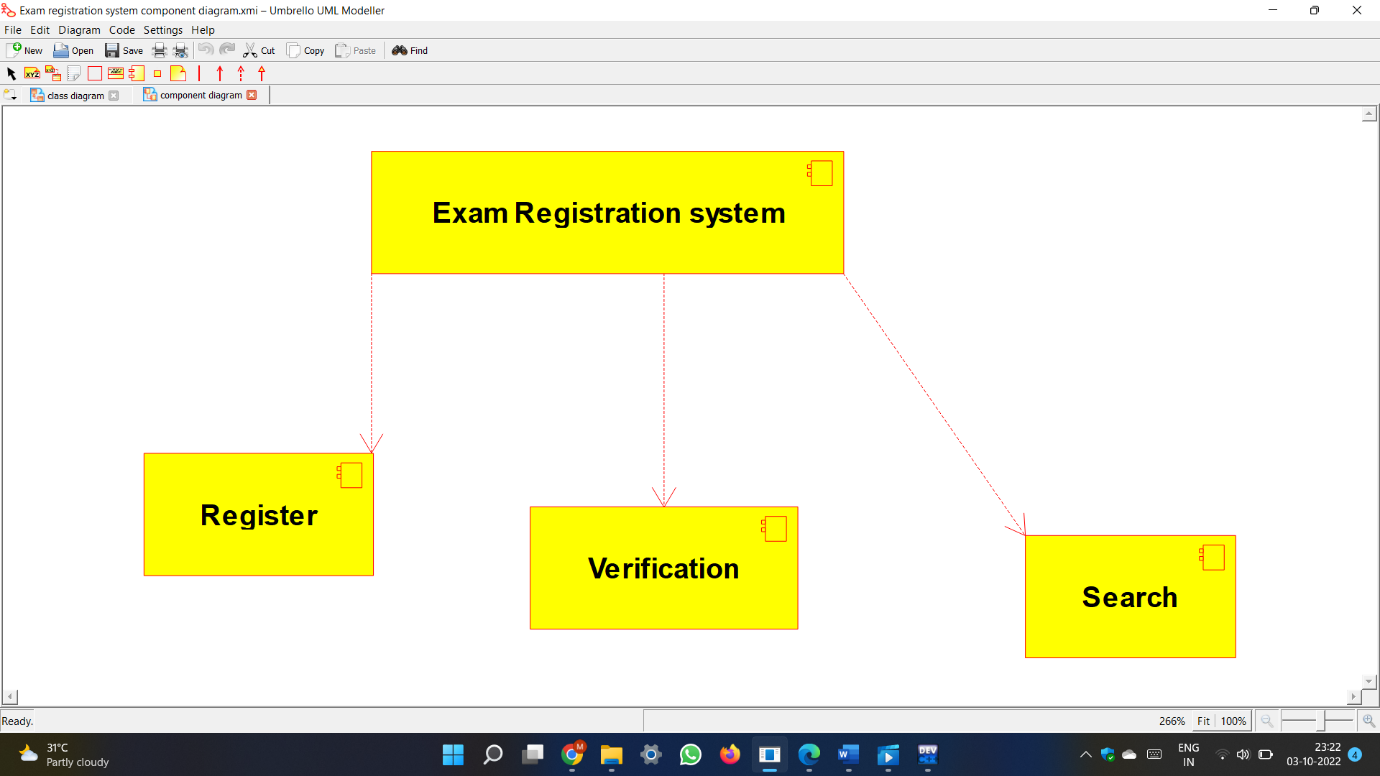
Activity diagram :



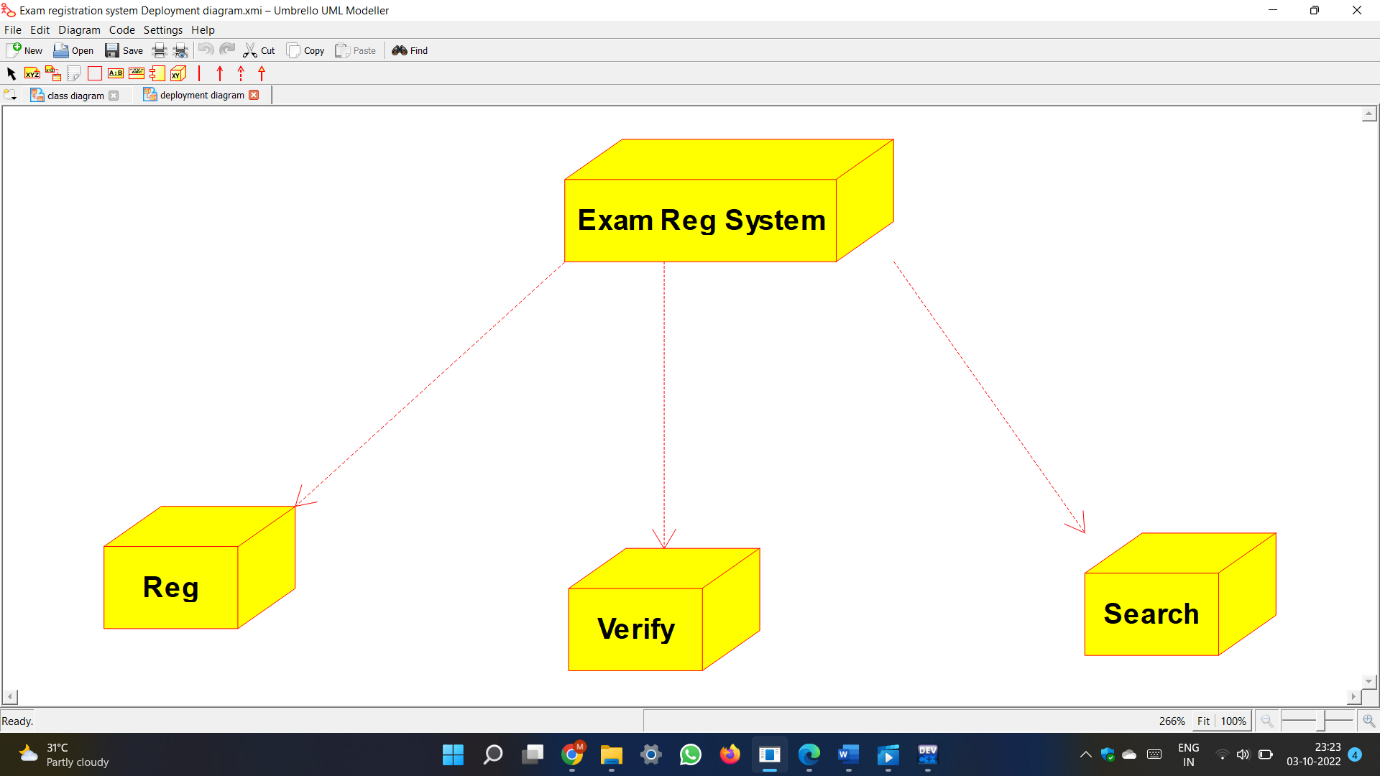
Sequence diagram :



Component diagram :



Deployment Diagram :



State chart diagram :

