

# **MINI PROJECT**

## **TOPIC: CAREER GUIDENCE**

**SUBMITTED BY,**

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**ROLL NO:20**

**RMCA-S3**

**B –BATCH**

# **ABSTRACT**

## **Introduction**

The best time to take a career aptitude test is after 12th, *before* you've chosen your career. That's when things are less messy and the field is wide open to choose the relevant stream (science, commerce, arts, business etc) and right graduation degree. There are more career options after 12th before the broad career track has been chosen, than after graduation when the flexibility gets limited to the degree you get. Which is why we see the familiar and disturbing trend of parents pushing students to join entrance exams for several years. They assume sacrificing their childhood will someday bear fruit and get them happiness in life and career. But by the time students realize it, they're stuck in the quicksand.

## **Proposed system**

Teens and students who take career tests after 12th are likely to be more aware of their choices. In this system for school, In order to discover the talents and interests of the students .Students can take an aptitude test, and the system will suggest certain areas and related courses based on previous activity, performance, and test questions (using AI ,ML with 95% accuracy).The guide will add the student's marks and activity details. Parents and students can see the details added by the guide. There is a career guide to provide guidance and course details to students. Student and parent can chat with guide

## **Modules**

### **Admin**

- Add staff
- View students
- Approval of student, parent
- Add questions for aptitude test
- Add mark of students
- view student performance
- Suggest courses
- Career guidance
- Add colleges and fees details
- Clear doubts from students and parents
- Send feedback to parent
- Chat with parent

### **Student**

- registration
- Attend test
- View test result
- View suggested course

- Search college
- Ask doubt to career guide(admin)

### **Parent**

- registration
- View test result
- Search and view courses and colleges
- Chat with career guide (admin)

# **TABLES**

## **tb\_login**

<b>Field Name</b>	<b>Data Type</b>	<b>Constraints</b>
login_id	Bigint(20)	Primary Key
Username	Varchar(50)	Unique
Password	Varchar(20)	Notnull
UserType	Varchar(20)	Notnull
Email	Varchar(20)	Unique
Status	Varchar(5)	Notnull

## **tb\_student**

<b>Field Name</b>	<b>Data Type</b>	<b>Constraints</b>
Std_id	Int(20)	Primarykey
Login_id	Int(20)	F.K
Std_name	Varchar(20)	Notnull
Std_email	Varchar(20)	Notnull
Std_mob	Varchar(20)	Unique
Std_gender	Varchar(20)	Notnull
Std_age	Int(20)	Notnull
Std_photo	varchar(50)	Notnull
Std_qualification	int(100)	Notnull

Std_interestedarea	Int(100)	Notnull
Std_hscertificate	Varchar(20)	Notnull
Std_hcertificate	Varchar(20)	Notnull
Std_academicbreak	Int(20)	Notnull
Std_doj	date	Notnull
Std_status	Int(3)	Notnull

### **tb\_parent**

<b>Field Name</b>	<b>Data Type</b>	<b>Constraints</b>
p_id	Int(20)	Primary key
login_id	Int(20)	F.K
Std_id	Int(20)	F.K
P_Name	Varchar(50)	Notnull
P_Place	Varchar(50)	Notnull
P_Address	Varchar(50)	Notnull
P_Mobile	Int(20)	Unique
P_photo	Int(20)	Notnull

### **tb\_Qntype**

<b>Field Name</b>	<b>Data Type</b>	<b>Constraints</b>
QnType_id	Int(20)	Primary key
Typename	Varchar(20)	Notnull

### **tb\_QnPaper**

<b>Field Name</b>	<b>Data Type</b>	<b>Constraints</b>
Qn_code	Int(20)	primarykey
QnType_id	Int(20)	F.K
No_of_Qn	Int(20)	Notnull
Qntype	Varchar(20)	notnull

### **tb\_Qndetails**

<b>Field Name</b>	<b>Data Type</b>	<b>Constraints</b>
Qn_id	Int(20)	primarykey
Qn_code	Int(20)	F.K
Question	Varchar(100)	Notnull
Option1	Varchar(50)	Notnull
Option2	Varchar(50)	Notnull
Option3	Varchar(50)	Notnull
Option4	Varchar(50)	Notnull
correctanswer	Varchar(50)	Notnull

### **tb\_stdtest**

<b>Field Name</b>	<b>Data Type</b>	<b>Constraints</b>
Test_id	Int(20)	primarykey
Std_id	Int(20)	F.K
Qn_code	Int(20)	F.K
Date	date	Notnull
Time	Int(20)	Notnull

mark	Int(30)	Notnull
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### **tb\_stdmarkdetails**

<b>Field Name</b>	<b>Data Type</b>	<b>Constraints</b>
Stdmark_id	Int(20)	primarykey
Std_id	Int(20)	F.K
Qn_code	Int(20)	F.K
Test_id	Int(20)	F.K
Std_answer	Varchar(50)	Notnull
mark	Int(30)	Notnull

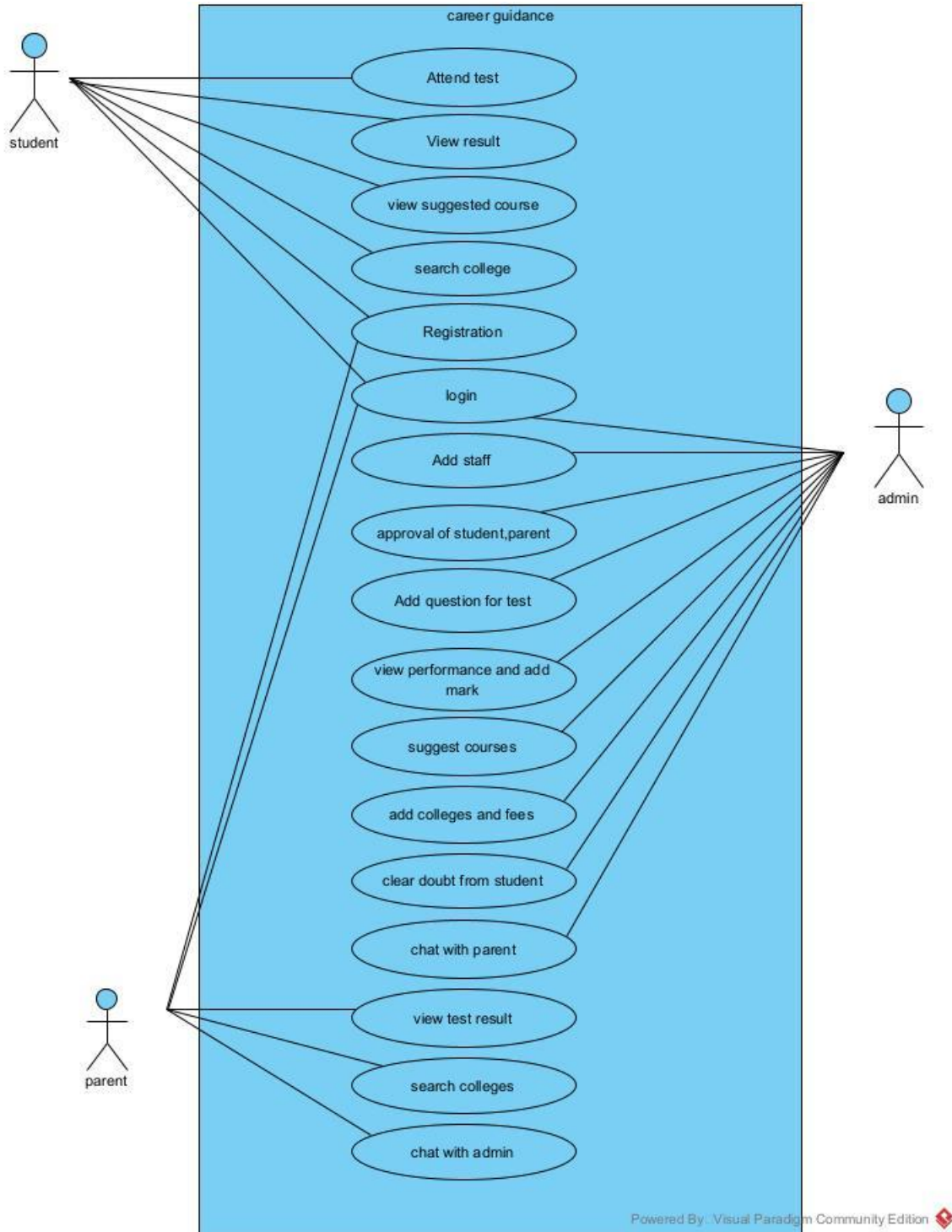
### **tb\_course**

<b>Field Name</b>	<b>Data Type</b>	<b>Constraints</b>
C_id	Int(20)	PrimaryKey
Course name	Varchar(20)	Not null
C_duration	Varchar(20)	Notnull
C_fee	Int(20)	Notnull
Collegename	Varchar(20)	Notnull
College_no	Int(20)	Notnull
College_plc	Varchar(50)	Notnull
University	Varchar(50)	Notnull
CD_video	Varchar(200)	Notnull

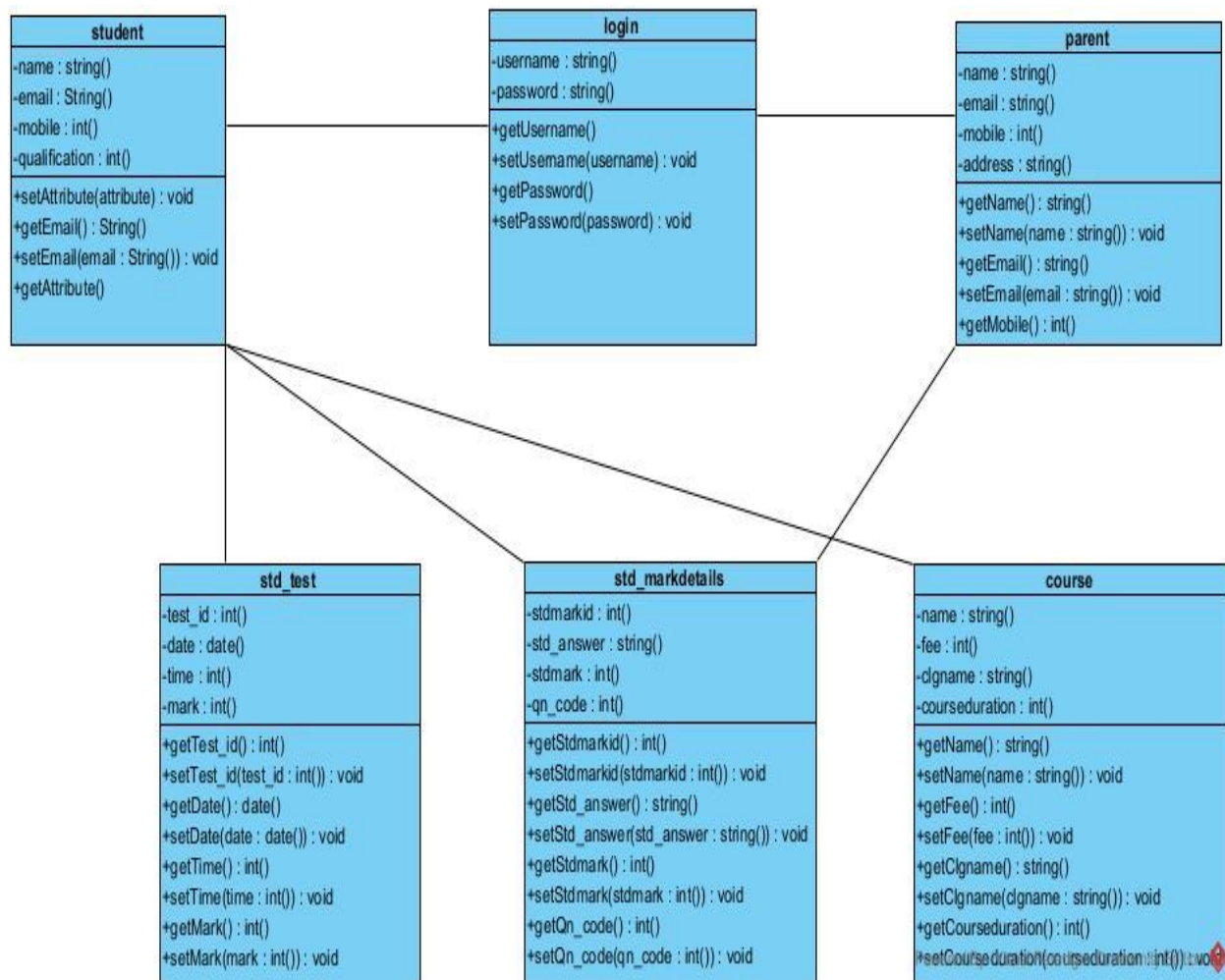


# UML DIAGRAMS

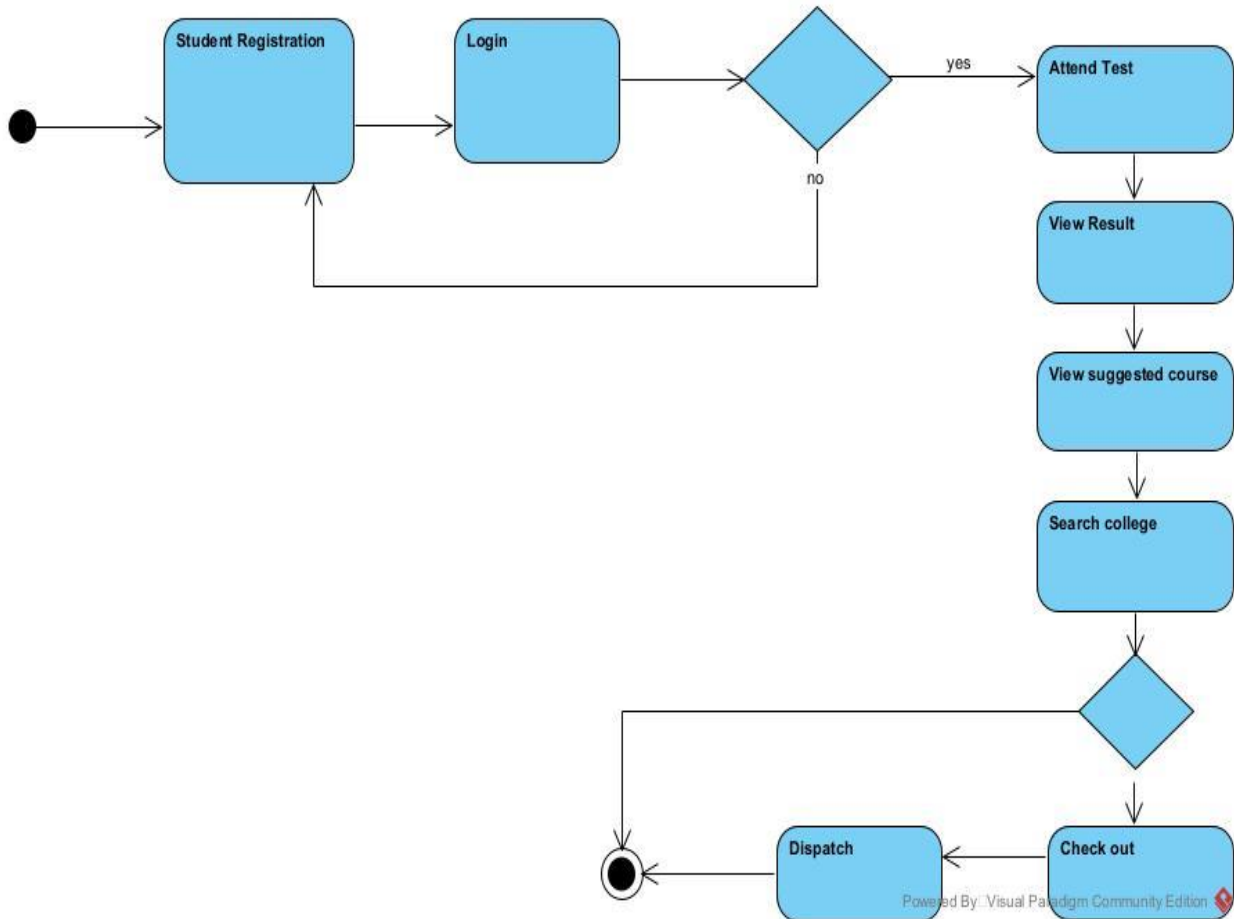
## USECASE DIAGRAM



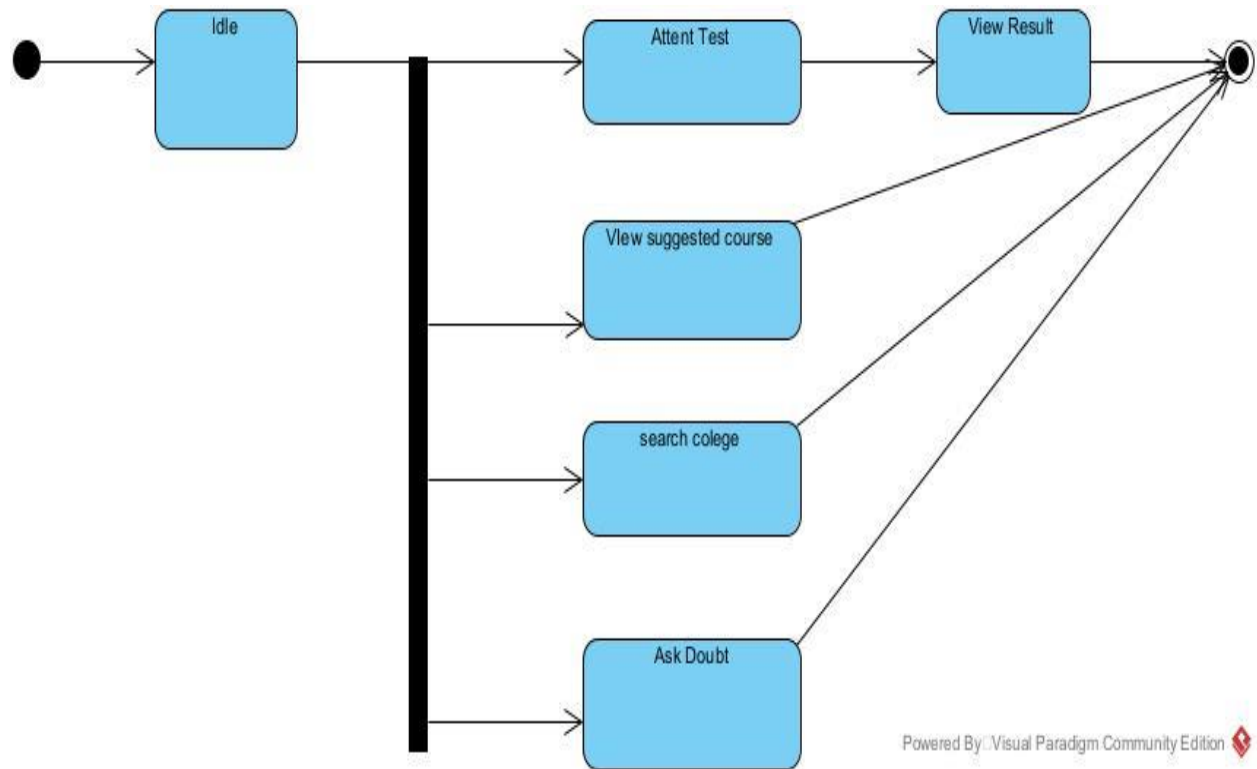
# CLASS DIAGRAM



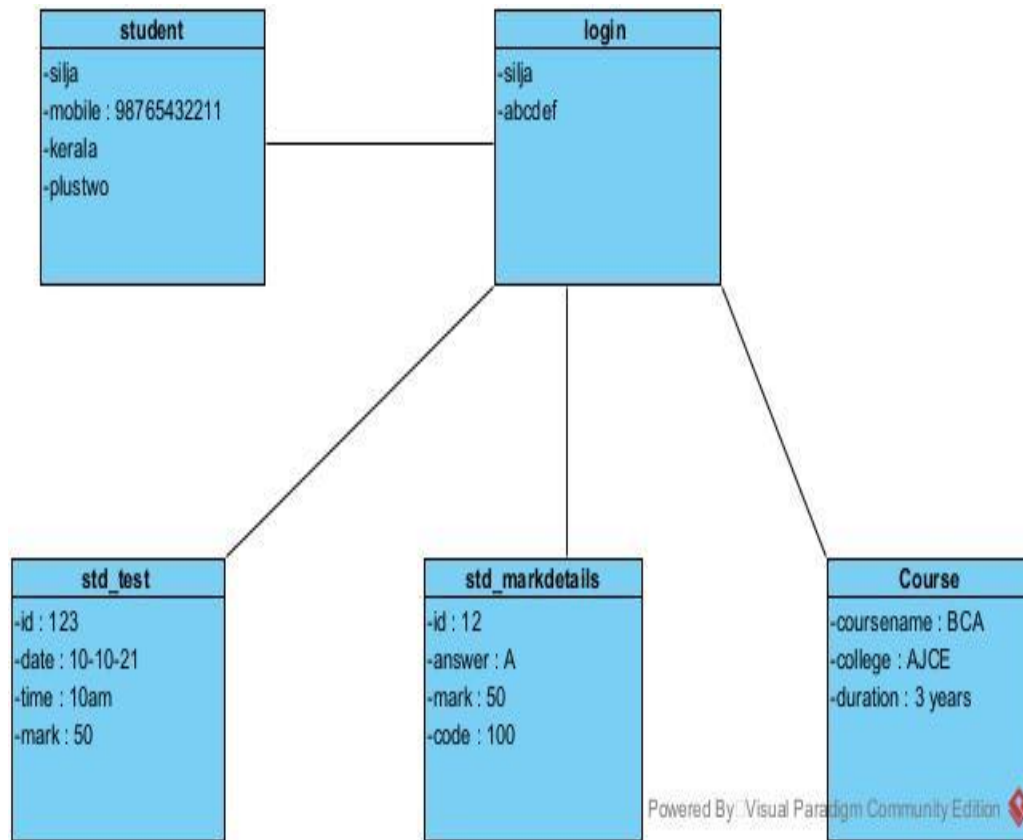
# ACTIVITY DIAGRAM(student)



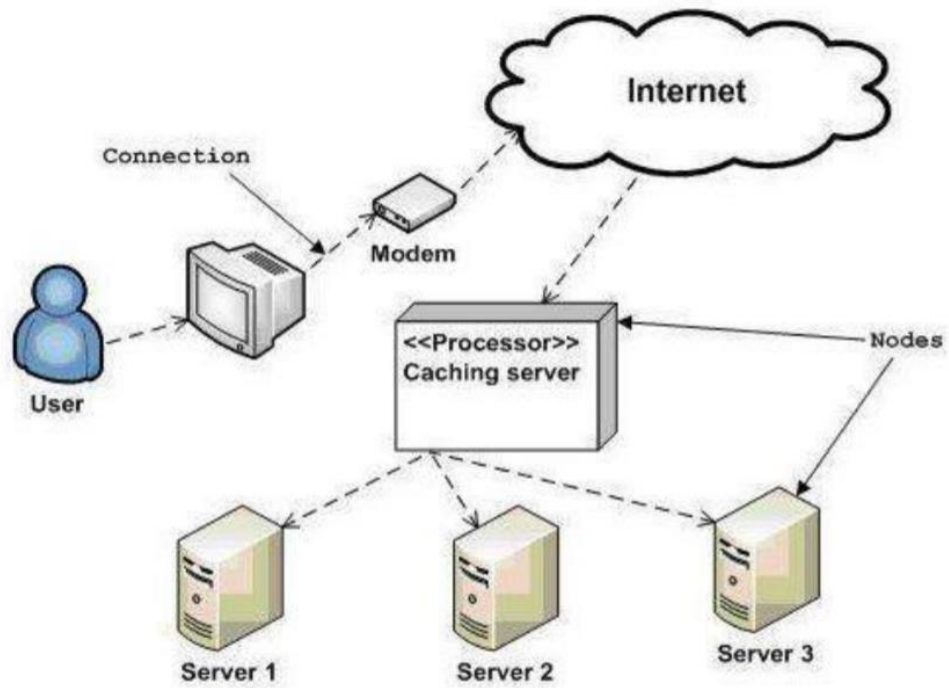
# STATE DIAGRAM(student)



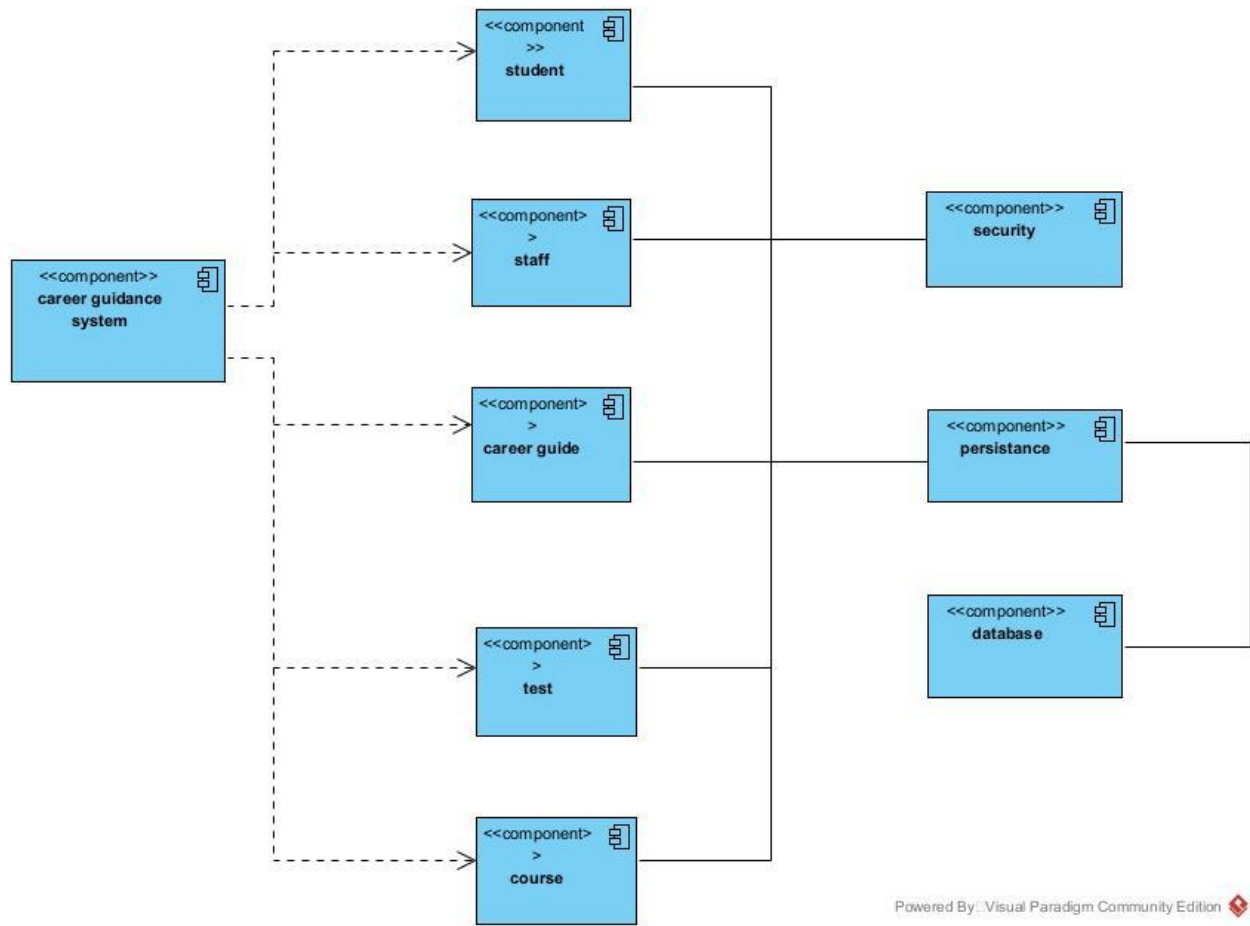
# OBJECT DIAGRAM



# DEPLOYMENT DIAGRAM



# COMPONENT DIAGRAM



# SEQUENCE DIAGRAM

