Technology used - Language, databases, server :-

1.HTML

2.PHP

3.MySQL

4.Javascript/JQuery

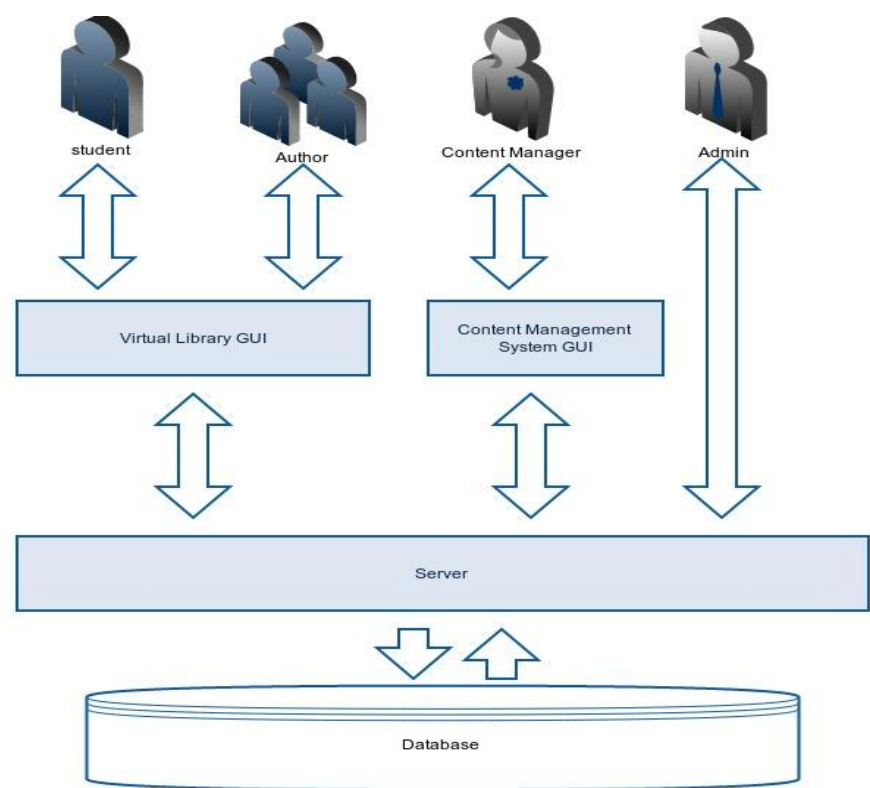5.AJAX

6.CSS 3

7.JSON

Technology used :-

Apache XAMPP server

List of features: -
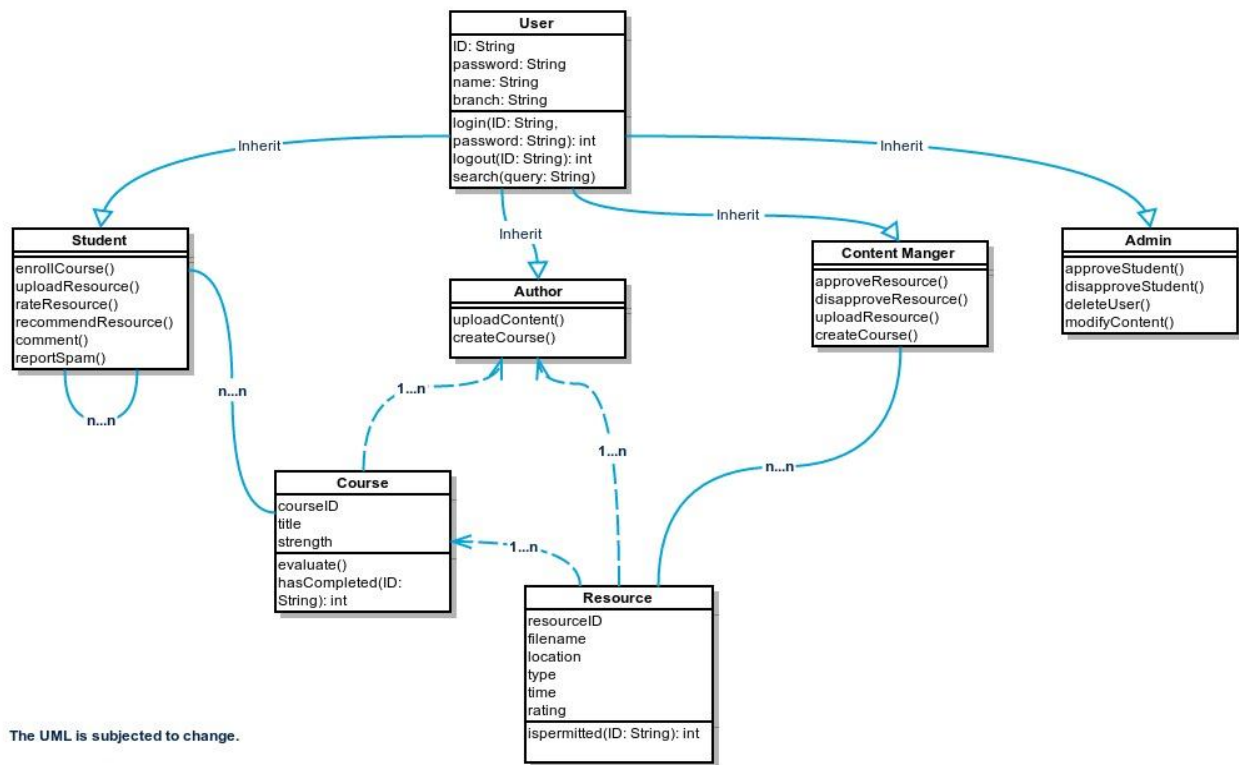
*Every basic feature being given in the Project's requirements.

Extra features:-

1.Remember me

2.Session Management

3.MD5 password encryption

4.Forgot Password

5.Friend system

6.Inbox System

7.Course completion status

8.Comment feature

9.Vote as helpful

High level design/architecture diagram

Class diagram

User

ID: String
password: String
name: String
branch: String

login(ID: String,
password: String): int
logout(ID: String): int
search(query: String)

Inherit

Inherit

Inherit

Inherit

Student

enrollCourse()
uploadResource()
rateResource()
recommendResource()
comment()
reportSpam()

n...n

n...n

Author

uploadContent()
createCourse()

1...n

1...n

Content Manger

approveResource()
disapproveResource()
uploadResource()
createCourse()

n...n

Admin

approveStudent()
disapproveStudent()
deleteUser()
modifyContent()

Course

courseID
title
strength

evaluate()
hasCompleted(ID:
String): int

1...n

Resource

resourceID
filename
location
type
time
rating

ispermitted(ID: String): int

The UML is subjected to change.