NATIONAL UNIVERSITY OF MODERN LANGUAGES ISLAMABAD

Software Construction & Development.

SMART ACADEMIC ASSISTANCE SYSTEM

MEMBERS

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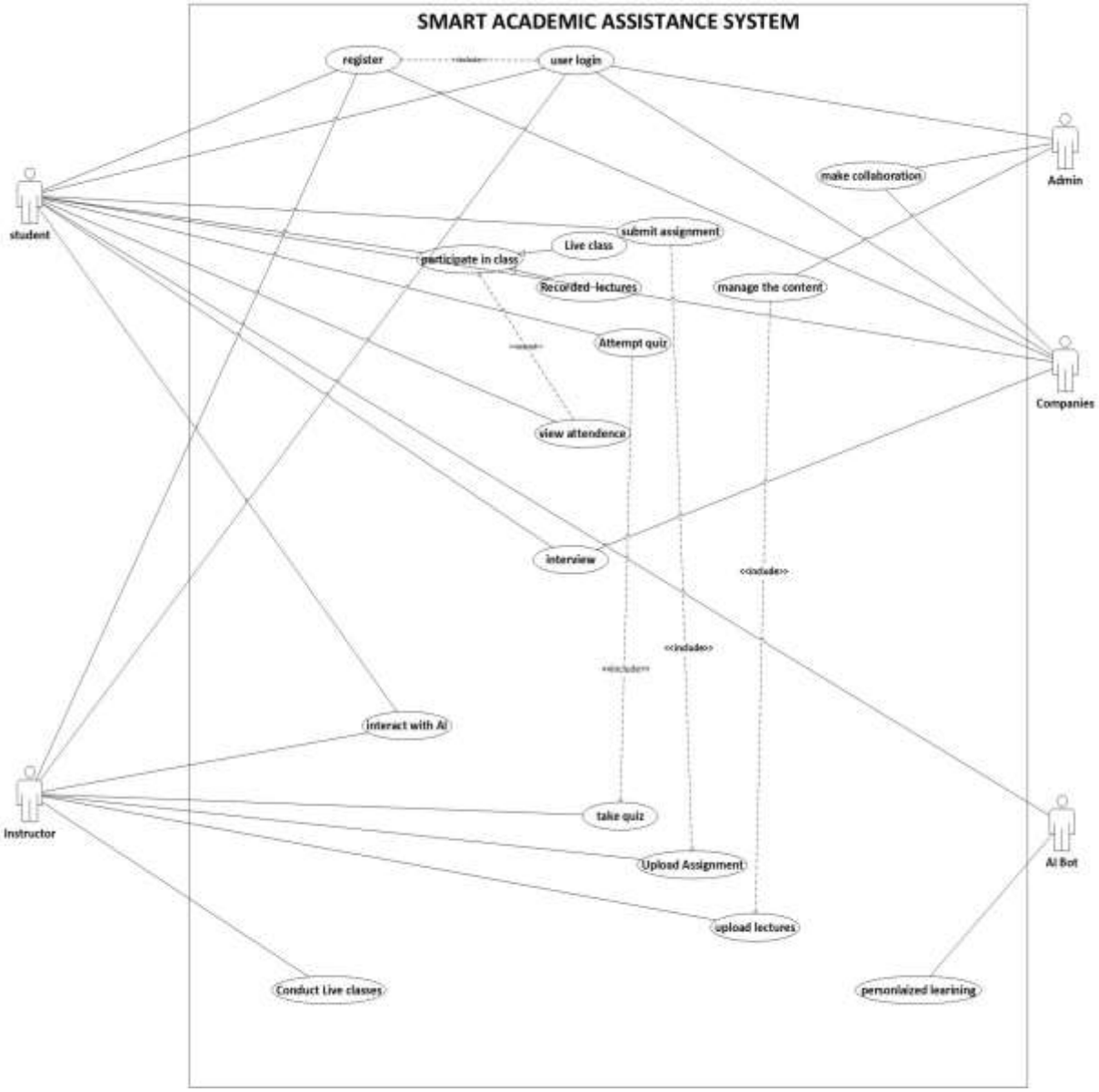
- **IMRAN KHAN (SP21317)**

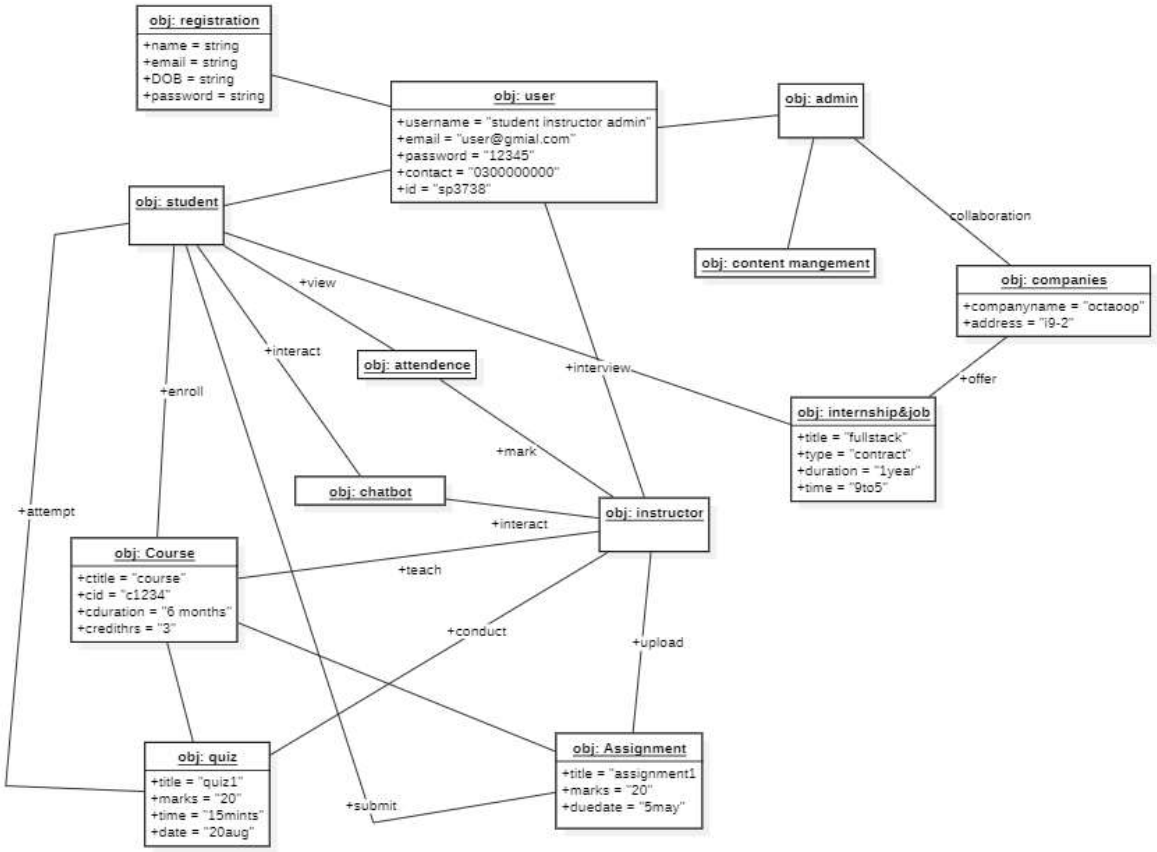
PROJECT

DELIVERABLE #2

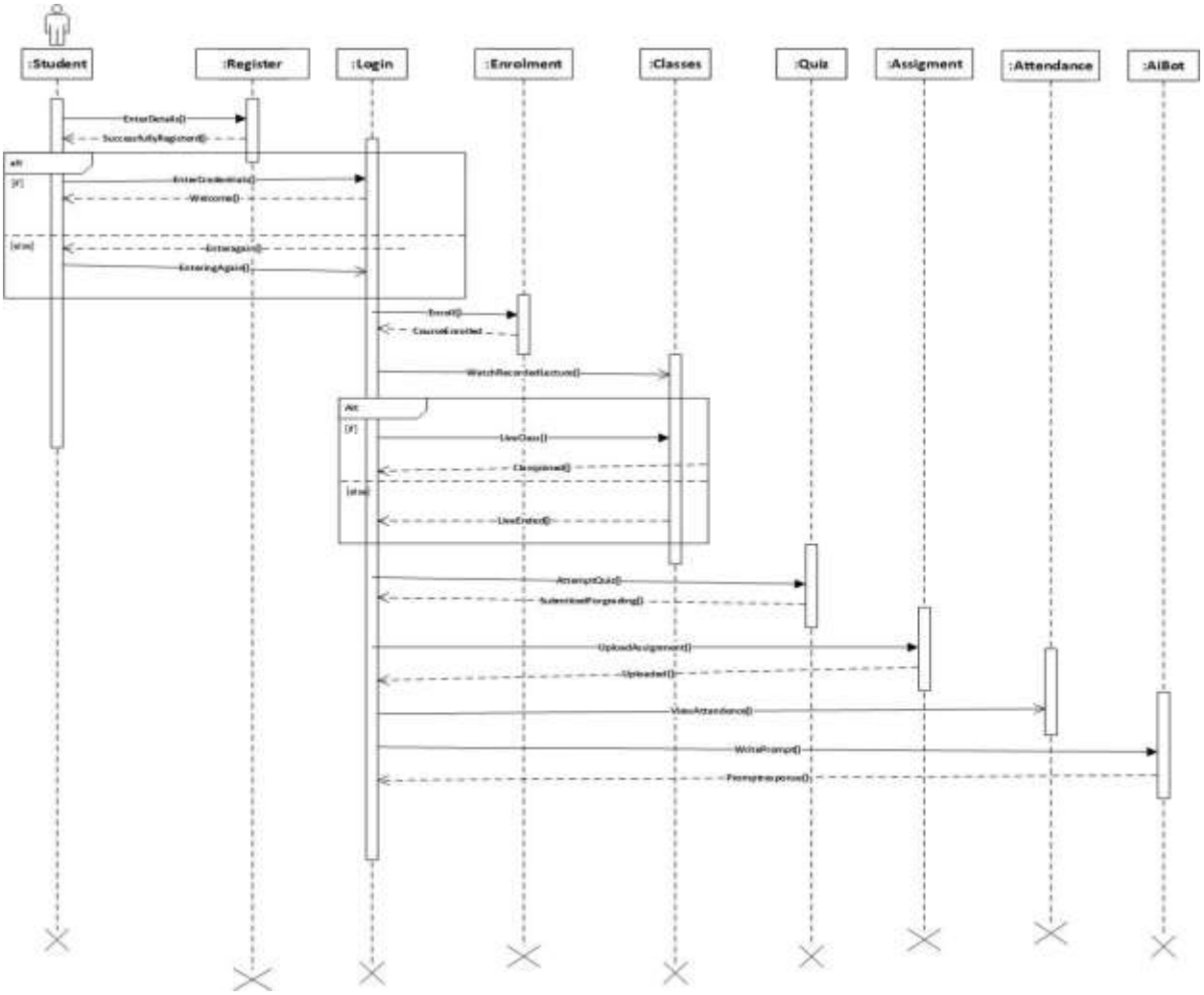
1. USE CASE DIAGRAM

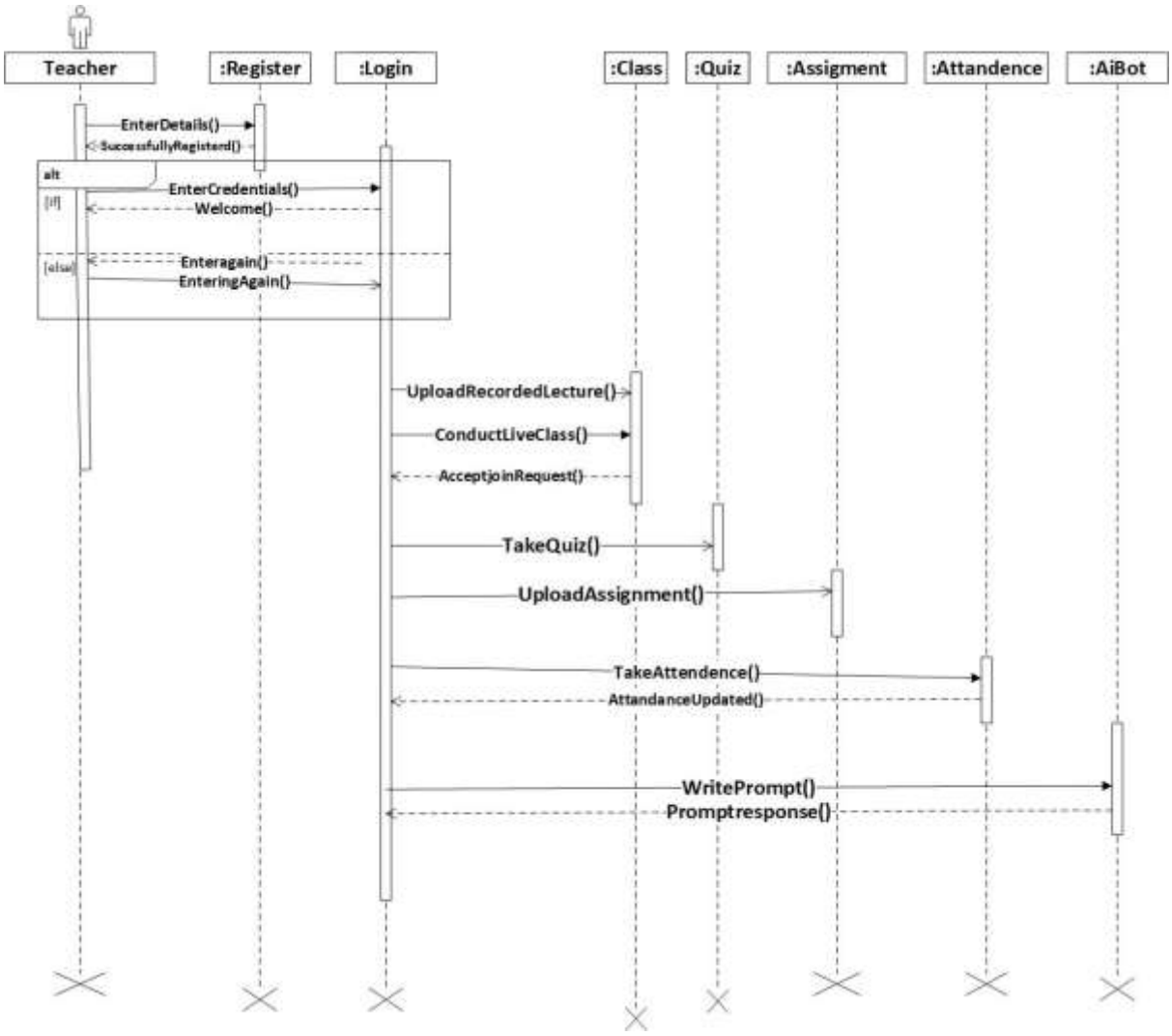


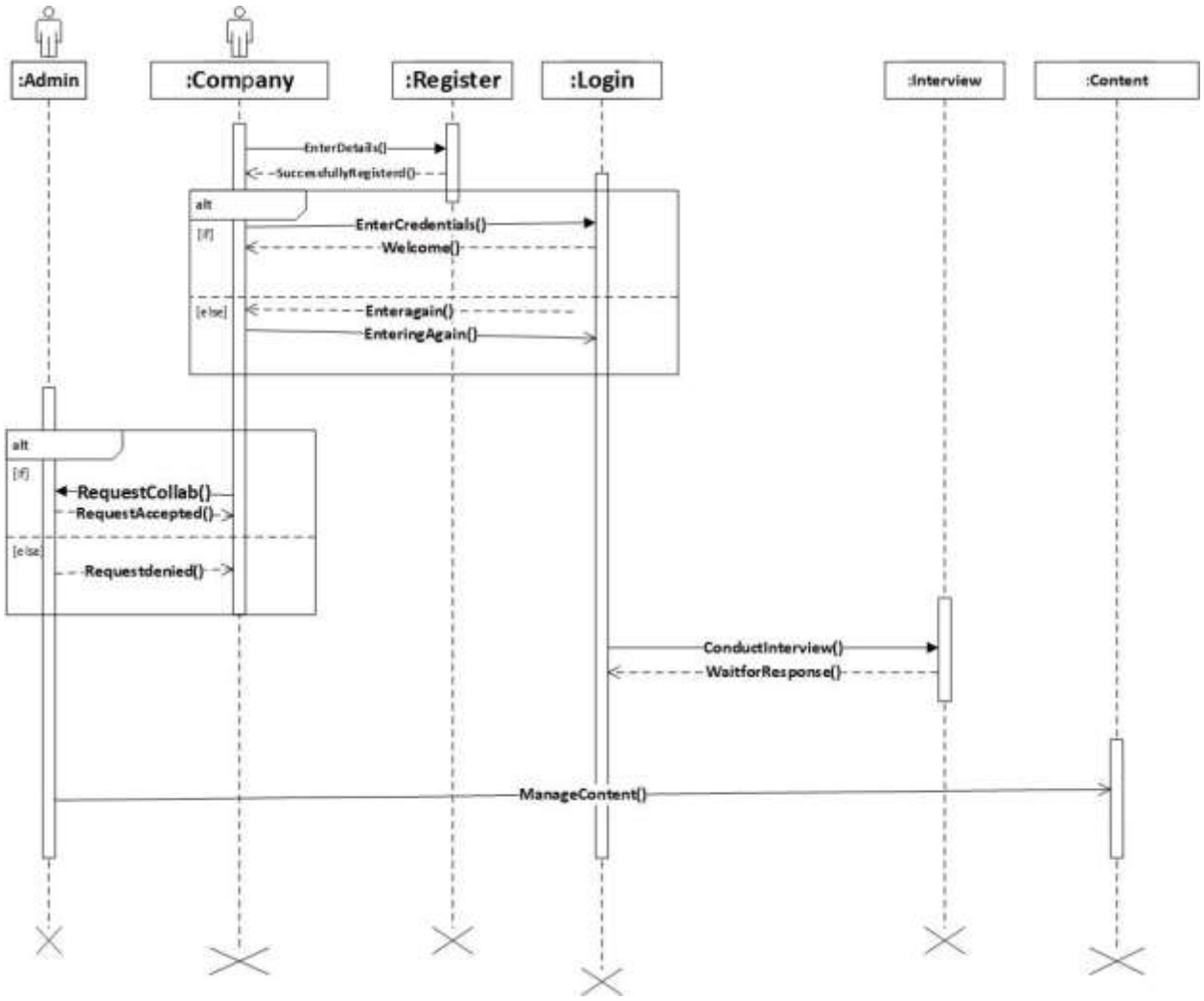
2. OBJECT DIAGRAM



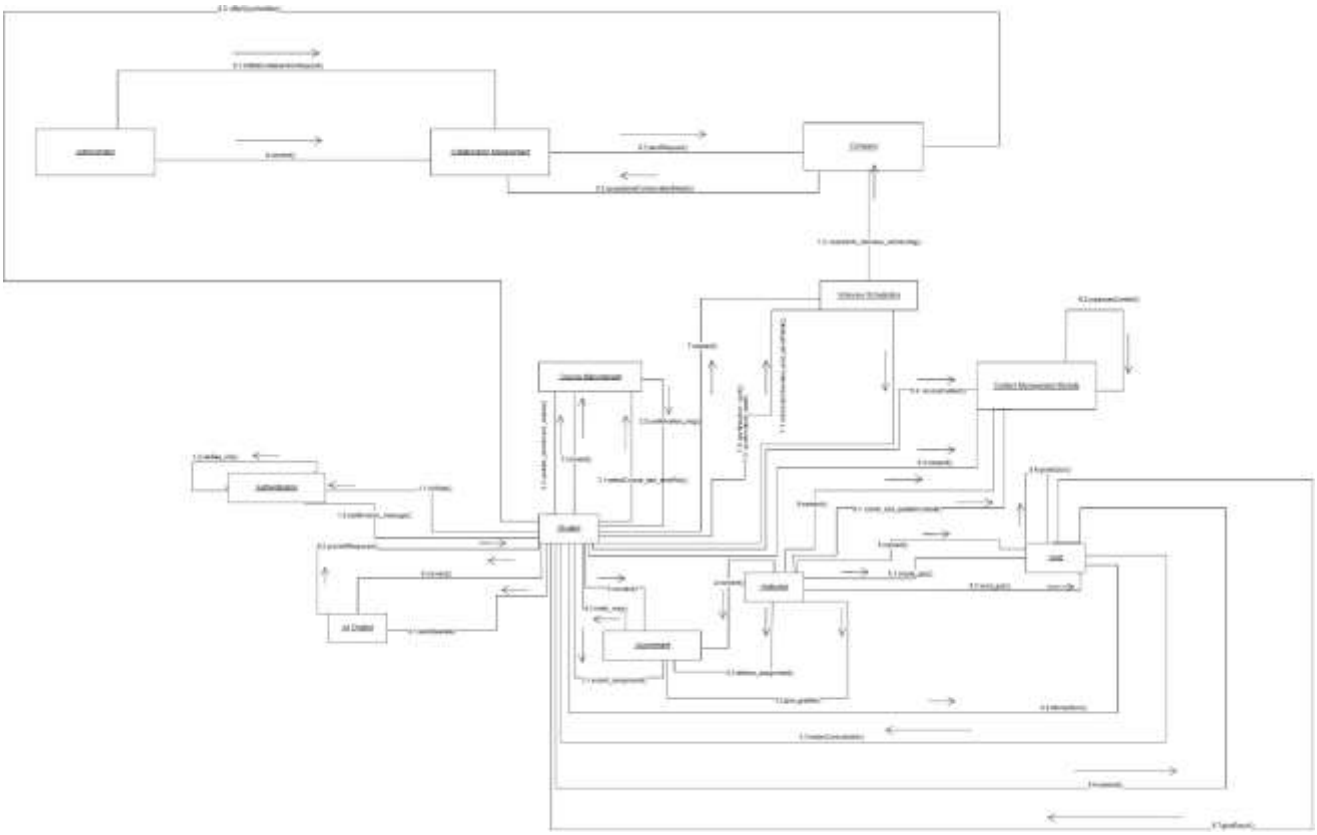
3. SEQUENCE DIAGRAM



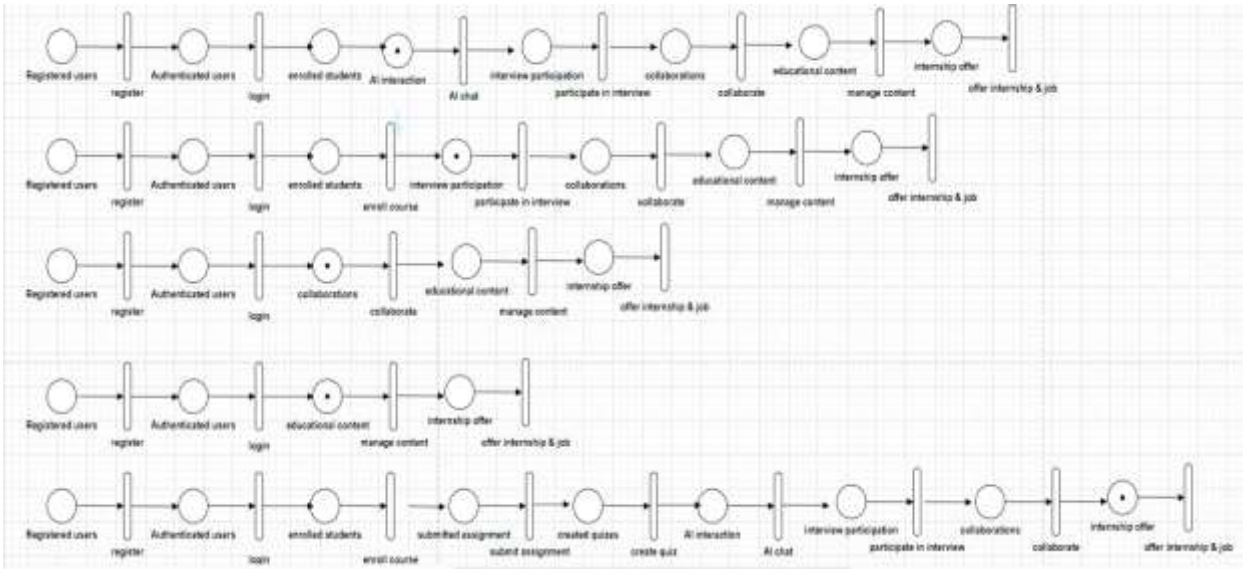

Teacher
:Register
:Login
:Class
:Quiz
:Assigment
:Attandence
:AiBot
EnterDetails()
SuccessfullyRegisterd()
alt
[if]
EnterCredentials()
Welcome()
[else]
Enteragain()
EnteringAgain()
UploadRecordedLecture()
ConductLiveClass()
AcceptjoinRequest()
TakeQuiz()
UploadAssignment()
TakeAttendence()
AttandanceUpdated()
WritePrompt()
Promptresponse()

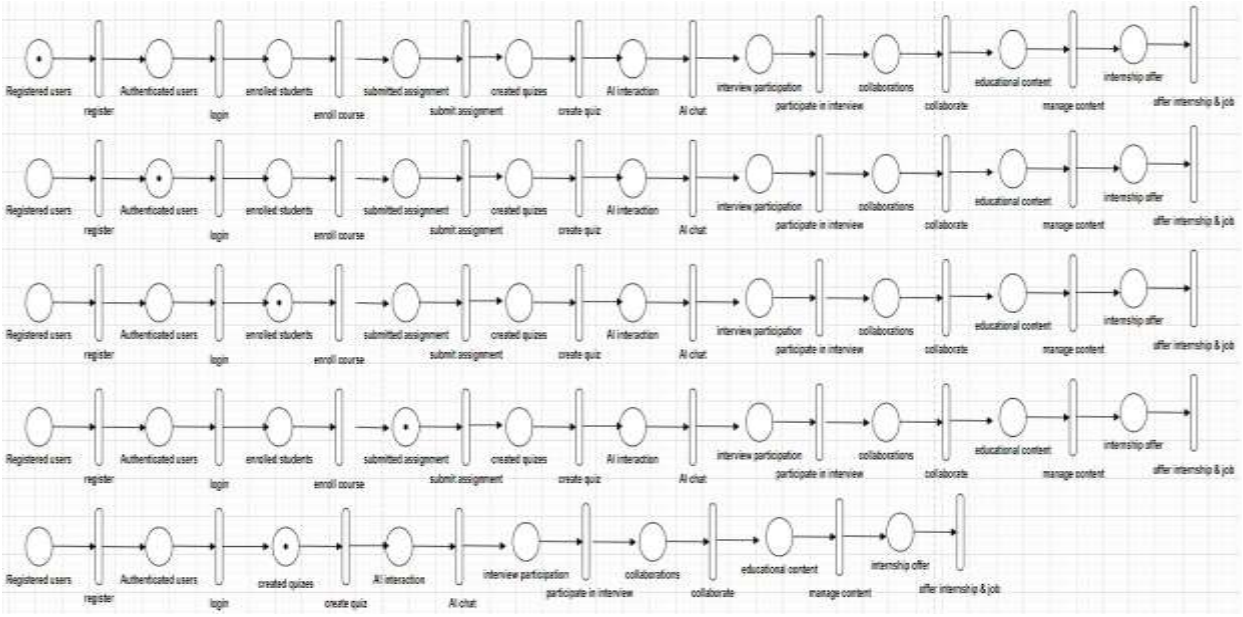
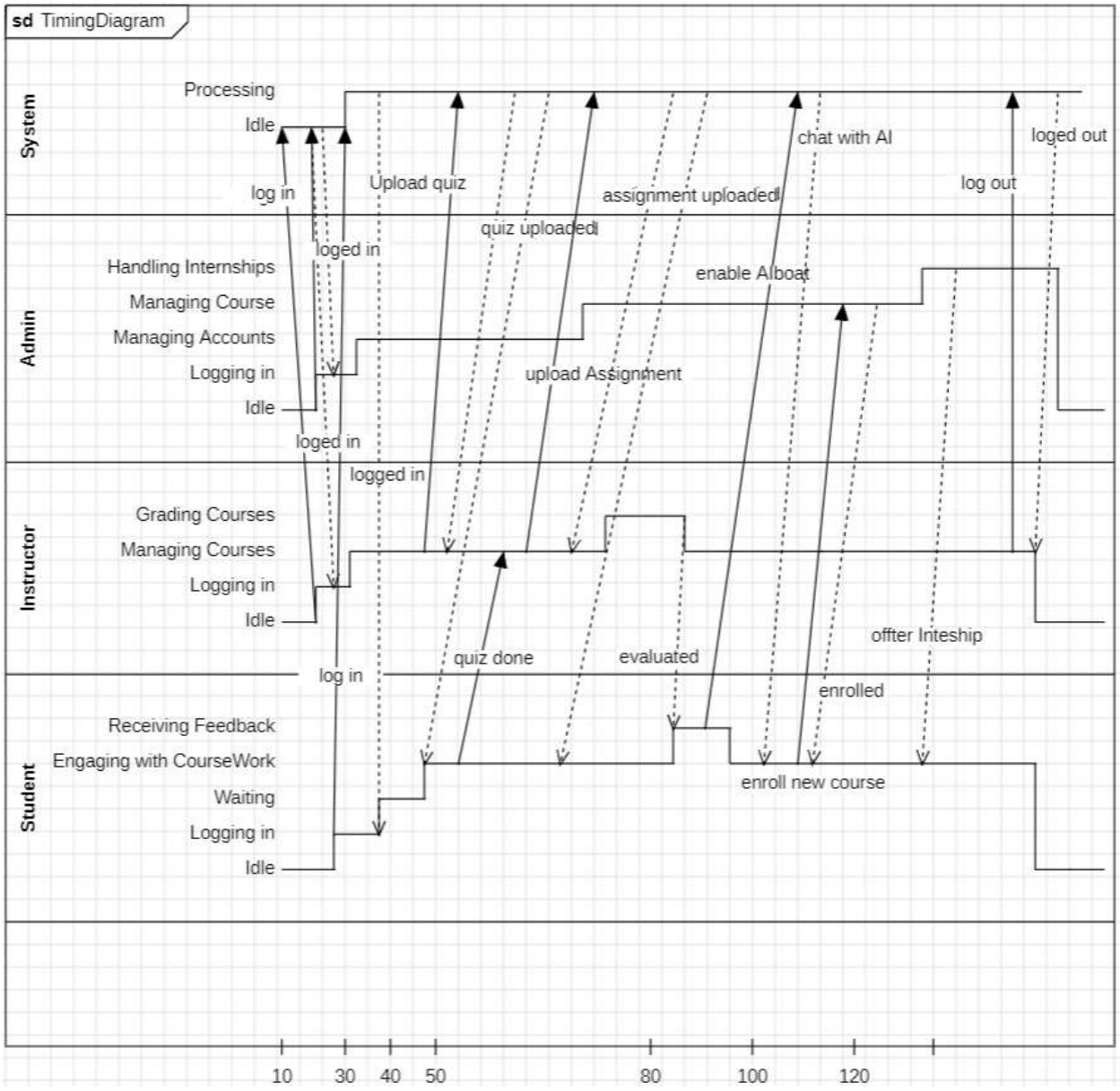

:Admin
:Company
:Register
:Login
:Interview
:Content
EnterDetails()
SuccessfullyRegistered()
alt
[if]
EnterCredentials()
Welcome()
[else]
Enteragain()
EnteringAgain()
alt
[if]
RequestCollab()
RequestAccepted()
[else]
Requestdenied()
ConductInterview()
WaitforResponse()
ManageContent()

4. COMMUNICATION DIAGRAM



5. PETRI-NETS




Registered users
register
Authenticated users
login
enrolled students
enroll course
submitted assignment
submit assignment
created quizes
create quiz
AI interaction
AI chat
interview participation
participate in interview
collaborations
collaborate
educational content
manage content
internship offer
offer internship & job

6. TIMING DIAGRAM