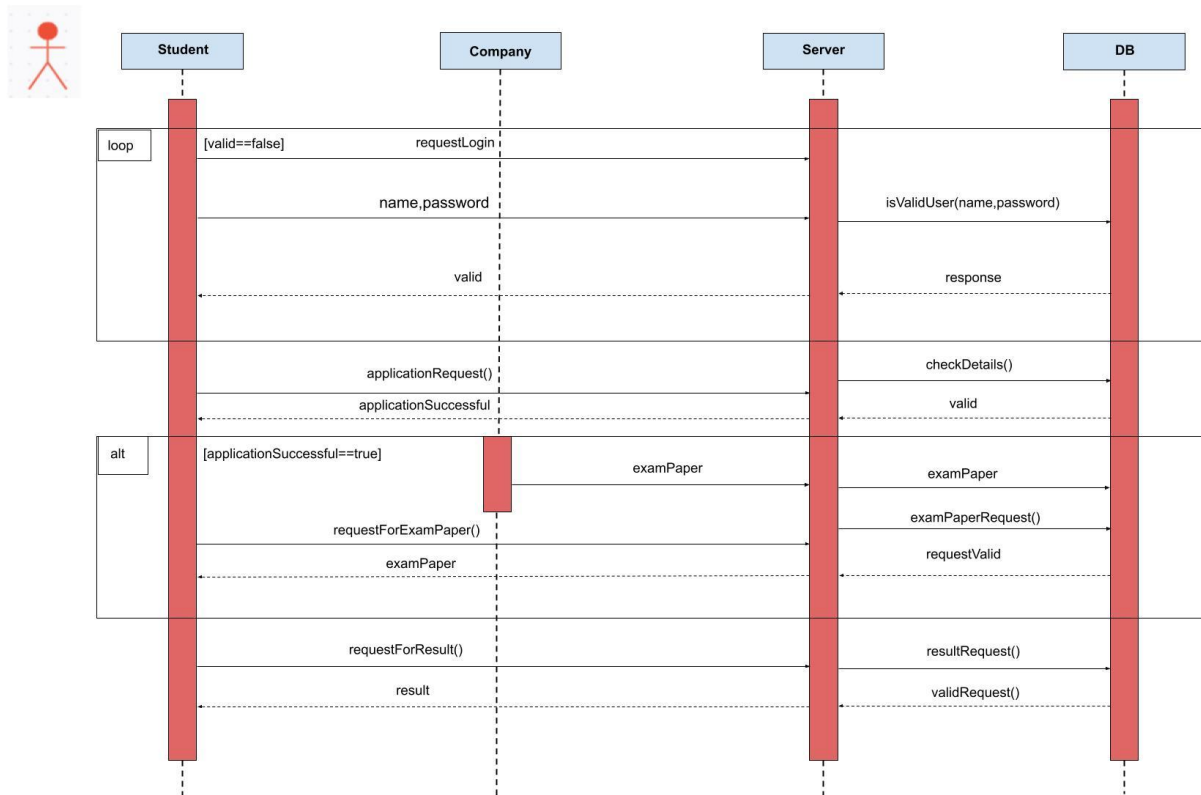# Training and Placement Management System

Sequence Diagram

Discussion

Here, we have learned about how to draw a sequence diagram for the Training and Placement Management System.

Firstly, we have created four objects namely, Student, Company, Server and DB. Student module is initialised by requesting login with student name and password, that is further sent to Server. Next it is forwarded to check the authenticity of the student to DB and check for validity. Then that info is sent to the server and the student is informed if the details are valid or not. If the student is not authentic, then it will again request for a valid username and password otherwise it will go to the next job application. Now students will request job applications via application requests to the server. Then it will send that request to DB. DB will authenticate and save that request and send a response to the server. Then the server sends a successful message to the student. The next part

is if the application is successful then he is eligible for the exam. Company will provide the exam paper to the server and the server will store that in DB. On the exam date, the paper will be provided by the server. After completion of exam on the specific date of result, student will request for his result on the server and it will be forwarded to DB. Then DB will provide the result to the server if the student request is valid. Then the server will give the result to the student.

The student login part is given in loop while the third part is alternate meaning the condition must have to be fulfilled.