



SOFTWARE DESIGN AND ARCHITECTURE

Lab Report # 06



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BSSE- 4B

Q1. Draw an activity diagram for following scenario;

Consider developing a new online attendance system to be for a university. The steps of the

activity diagram are as follows: (You have to follow every step to create the complete activity

Diagram)

a) The faculty is asked to first enter valid username and password in the system

b) If an invalid username or password is entered, a message is displayed that faculty has

entered wrong username or password

c) if valid user name or password is entered, the form depicting the course name, course id and

list of students are displayed the form also displays week number and session number

d) If the faculty selects any invalid session (more than session 3), an error message is displayed

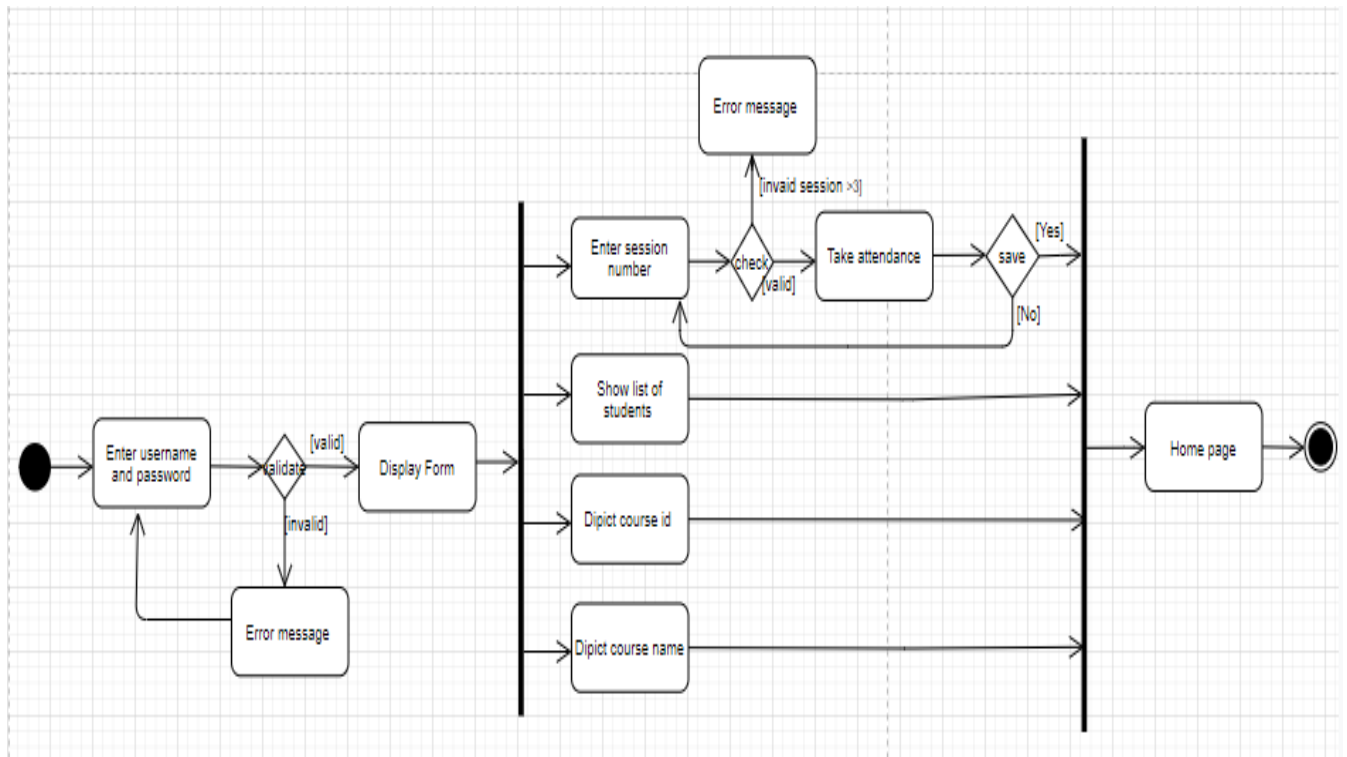
e) After the faculty has completed with the attendance, he/she saves the attendance. Upon

saving the attendance, a message is prompted whether the user is sure to save the attendance.

If the faculty selects yes, attendance is saved and the home page is displayed to the user

(f) If the faculty selects no, the entire process is repeated

Diagram:



Q2. Draw an activity diagram with swim lanes for following scenario;

The author submits a paper to an editor of a journal. The editor first checks whether the paper fit the theme of the journal. If not, the editor rejects the paper. Otherwise, the editor assigns the paper to several reviewers. The reviewers review the paper and write a review. The review is sent to the editor. The editor then assesses the quality of the paper with the help of reviewers' comments. If the quality is good, the paper will be accepted, and the author notified. Furthermore, the paper is forwarded to the publisher for publication. If the quality is bad, the editor rejects the paper.

Diagram:

