CASE STUDY:

Implement an marks entry application that enables Sunbeam staff to speed-up marks entry process. Each course has multiple subjects and for each subject may have different evaluation scheme.

Usual components are Theory (40 marks), Lab (40 marks), Internal Assesments-1 (10 marks), Internal Assesments-2 (10-marks). However, few modules number of components and their weightage may differ. May add provision to have description e.g. Theory = CCEE marks, Internal Assesments-1 = Lab assignments, Internal Assesments-2 = Mock interviews.

There will be number of students enrolled in each course. These students are divided into multiple groups e.g. DESD students are grouped into E1, E2, and E3.

Marks to be entered are scheduled by the Course coordinator. They will allocate one group's one component's marks entry to one staff for a duration. Then the marks are entered by the staff (with all validations enabled) and will be available to course coordinator for the approval. Here course coordinator should be able to see summary of marks entry status group-wise. Once approved, the marks will be visible into students login for the whole subject.

Technologies:

Database- MySQL

Backend- Javascript- Nodejs

Frontend-HTML, CSS, Js, Jquery