

Problem Statement

Even Numbers

A typical course feedback system functions as per following features:

- Course management.
- Subject management for course.
- Faculty subject engagement.
- Student registration for course.
- Student feedbacks for faculty for subject.

Design MongoDB schema and implement set of API for above application. You can use frontend technology of your choice i.e. PHP, Python and JAVA etc.

(Necessary assumptions could be made for detailed design.)

Odd Numbers

Requirement specification for a meeting dashboard application in an organization is as follows:

- Any member in an organization can host a meeting and send an invitations to other members within an organization.
- Invitees can accept or reject the meeting with proper reason.
- Every meeting has the title, timestamp and place/location associated.
- Every meeting has predefined agendas and documents associated.
- Meeting discussion concludes with identifying tasks to accomplish.
- Every task has title, priority, deadline and note associated with it.
- Task can be assigned to any attendee of meeting.

Design MongoDB schema and implement set of API for above application. You can use frontend technology of your choice i.e. PHP, Python and JAVA etc.

(Necessary assumptions could be made for detailed design.)