MOSCOW Analysis for Code For Good

A University currently has a manual system of assigning students and professors to courses (they use paper and pen). They intend to transition to a more automated approach in the form of a web application that allows students to choose their courses. Create the underlying database tables for this web application.

Here are the constraints below: In a university, a Student enrolls in Courses. A student must be assigned to at least one or more Courses. Each course is taught by a single Professor. To maintain instruction quality, a Professor can deliver only one course.

**Project: A web application that allows students to select their courses**

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| --- | --- | --- | --- | --- |
| Requirements | Must Have | Should Have | Could Have | Won’t Have |
| Interface for displaying all available courses and allowing students and lecturers to choose | Checkbox Ticked with solid fill |  |  |  |
| A customised (separate) interface for lecturers and students to view and choose courses | Checkbox Ticked with solid fill |  |  |  |
| Interface for letting students and lecturers see their currently assigned courses | Checkbox Ticked with solid fill |  |  |  |
| Ability to change courses that have been assigned to student/professor |  | Checkbox Ticked with solid fill |  |  |
| Enable authorisation by Course Admin/ Head of Dept before finalising the assignment of courses to professors/students | Checkbox Ticked with solid fill |  |  |  |
| Features that enable one to see the time schedule of each assigned course and when it is to hold |  |  | Checkbox Ticked with solid fill |  |
| Disable courses that are not to be taken that semester from being selected |  | Checkbox Ticked with solid fill |  |  |
| * Prevent external parties (who are not current students/professors) from accessing the site i.e., alumni or other general public (through authentication/authorization) * Prevent other students/ professors from viewing the personal profile of others | Checkbox Ticked with solid fill |  |  |  |
| Sending updates when there has been a change in course content (i.e., update, modify, deletion or upcoming deadlines) |  | Checkbox Ticked with solid fill |  |  |
| Ability to protect against theft of login credentials and extensive cyber security |  |  |  | Checkbox Ticked with solid fill |