

University of XZY

DimSpaces

Request for Proposal

January 23rd, 2023

Document History

Version	When	Who	What
1.0	Jan 23rd	University of XYZ	Initial Drafting

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1.0 Product Overview

At the University of XYZ, we want to improve our current course management system (CMS). We are facing the following problems with our current system:

- Declining course registration rate as students are frustrated with the current system
- Students are struggling to find their current courses
- Teachers are struggling to know how to organize contents
- Students are confused on the current grade average during middle of term
- Finding course information like date, time, and location is difficult

2.0 Project Objectives

Our new CMS, tentatively titled DimSpaces, should fulfill the following objectives:

- Course Calendar / Scheduling: This feature allows students to view the class schedule, including the dates and times of each class. It also allows students to plan their own schedule.
- Assignments / Due Dates: This feature allows students to view and submit assignments online, as well as view the due dates for each assignment. It also allows students to track the status of their assignments, such as whether they have been graded or not.
- Viewing / Downloading Slides: This feature allows students to view and download the class slides for each class, which can be helpful for studying or reviewing material.
- Grades (Checking avg / total): This feature allows students to view their grades for each class, including their average and total score. It also allows students to track their progress throughout the semester.
- Class lists (Group Project Finder): This feature allows students to view a list of all the students in their class, as well as their contact information. It also allows students to form study groups or work on group projects with their classmates.
- Textbook / Readings (More accessible and easier to find): This feature allows students to access the textbook and other readings for their class online, making it easier to find and study the material. There should be an option to view all content of the course sorted in reverse chronological order.
- Recent Section: This feature allows students to quickly find the most recent destinations they have accessed.

3.0 Current System

The current CMS that the University of XYZ is using is Brightspace. Users fall into two categories: students and teachers. Students can only see the Brightspace page for the courses they are enrolled in, and can only see the content that the instructor of the course has made visible to them. Teachers can post a variety of content in different forms. One of these forms is assignments, where students can upload submissions. It also has a section for grades. All of these features must also be available in DimSpace, although the design of some sections can be updated for improved user experience.

4.0 Intended users of the system

The intended users of this system are as follows:

- Students
- Teachers

Students are the primary users of this system. They will be able to use this system to monitor all their due dates for their courses, view and download the content on these courses, view their grades in these courses, and submit quizzes and assignments. Students will interact with this system for long periods of time daily for the duration of the term.

Teachers will use this system to publish course content, support separation of weekly course content for incremental release, assign readings, and grade and assign quizzes and assignments. Teachers will use this system daily for the duration of their teaching term.

5.0 Known interaction with systems within or outside the client organization

DimSpace will be used by students to view all the content for their course, and by instructors to deliver content to students. DimSpaces should be the main source for content in the course, and ideally the students will not need to use any other systems in order to access course content. The interface for teachers should be clear enough that they are not motivated to post content on other websites.

6.0 Known constraints to development

Must meet accessibility standards

The system must be accessible to all users, including students, professors, and administrators. It should be easy to navigate, and the interface should be intuitive and

user-friendly. The system must also be accessible to users with disabilities and comply with the web Content Accessibility Guidelines (WCAG).

Must meet data security standards

The system must protect sensitive information, such as student grades, personal information, and financial information. It should have robust security measures, such as encryption and user authentication, to prevent unauthorized access to data.

Must be scalable

The system must be able to handle a large number of users and a large amount of data. It should be able to handle the increase in users and data as the university grows.

7.0 Project Schedule

Task ID	Task Name	Due Date
1	Milestone 1	Week 4
2	Milestone 2	Week 7
3	Milestone 3	Week 10
4	Milestone 4	Week 13

8.0 Project team

The university of XYZ's CMS department consists of five individuals, who can be contacted using the following information:

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9.0 Glossary of terms

CMS	Course Management System
RFP	Request for Proposals

