University Management System

Vision

Version <1.0>

Revision History

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Vision

# Introduction

The purpose of this document is to collect, analyze, and define high-level needs and features of the University Management System. It focuses on the capabilities needed by the stakeholders and the target users, and **why** these needs exist. The details of how the University Management System fulfills these needs are detailed in the use-case and supplementary specifications.

## Purpose

The purpose of this **Vision** documentis to provide a more clear perspective over the University Management System and also to provide a better understanding of the project. Moreover it offers a step-by-step guide in specifying requirements, thinking of solutions, implementing and testing a web-based application of such importance for the target audience, I.e., professors and students.

## Scope

**Vision** is associated with the “University Management System” project. This project is under development, and the scope of this document is to levitate around the application’s development cycle.

## Definitions, Acronyms, and Abbreviations

UMS – University Management System

Management – a **process** represented by the interlocking functions of creating corporate policy and organizing, planning, controlling, and directing an organization`s resources in order to achieve the objectives of that policy

System – a set of things working together as parts of a mechanism or an interconnecting network; a complex whole.

Management System – A management system in the framework of policies, processes and procedures used by an organization to ensure that it can fulfill all the tasks required to achieve its objectives.

## References

[This subsection provides a complete list of all documents referenced elsewhere in the **Vision** document. Identify each document by title, report number if applicable, date, and publishing organization. Specify the sources from which the references can be obtained. This information may be provided by reference to an appendix or to another document.]

## Overview

[This subsection describes what the rest of the **Vision** document contains and explains how the document is organized.]

# Positioning

## Problem Statement

[Provide a statement summarizing the problem being solved by this project. The following format may be used:]

|  |  |
| --- | --- |
| The problem of | Bringing closer together the professor and the students in order to clearly display and provide knowledge regarding the present situation (events/grades/exams)for each one of the students in a more friendly manner, in order to simplify and reduce the time complexity. |
| affects | Both the students and the professors |
| the impact of which is | That it can significantly increase the ability of keeping in touch with the technology growth and competitiveness. Almost any sector will be influenced by this news. |
| a successful solution would be | Creating an online platform that brings together both parties and make their interactions more transparent. Students can easily be informed on the various changes that take place in the University logs and also to connect to one member of the staff. Professors can easily upload information about an event, a student and so on. Student grades, fresh events, new changes are always easily to be accessed. |

## Product Position Statement

|  |  |
| --- | --- |
| For | Professors but especially students |
| Who | Need a fast way to review and interact with the University based on their details. |
| The UMS | Is a web application |
| That | Supports and specializes on professor-student interaction |
| Unlike | The papers displayed at the University location or via emails for each student. |
| Our product | Seeks to provide students with the easiness, yet powerful interaction they have always lacked: direct information from the university, keeping them always up to date, not regarding just the marks during the examination session but also the events that the University is in contact with. To professors, we offer an environment which is user friendly without putting them into difficulty when they want to upload a grade or load an event data |

# Stakeholder and User Descriptions

We wish to incorporate two parties which need to interact heavily:

* **Students.** The main target and the ones that this software is more oriented to. Students are always interested in fast access of their details, especially regarding the grades during the exam sessions but also to the other events that the university is in link to, even if we talk about simple announcements or internships programs. The main purpose is to give them an easy way to access everything they wish for in terms of University information, details, grades, codes and so on.
* **Professors.** Their activity will be quickly and efficiently loaded into the web-app making it clear and also exact specification will be provided such that no question should raise.

## Stakeholder Summary

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Responsibilities** |
| Professors | Members of the University corporate, interested in easily linking the students and University data in order to perform a better communication between this two parties. | Ensures that the data is displayed as soon as possible in order to avoid a possible cancelation of it due to the expiration time.  Ensures that data is displayed cleared so anyone could easily access and take advantage of it.  Assistance if needed. |

## User Summary

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Responsibilities** | **Stakeholder** |
| Students | Bachelor or Master students looking to check their details and data on a web platform in order to improve the speed of knowledge from source to target. | Receive information  Take advantage of data  Provide feedback | Professor |

## User Environment

All the students that have an available account and also connection to the internet could access the platform in order to keep in touch with the University information, considering that it is a web application , it should be available all over the world, the main requirement stays to be a student so to have a valid account in the University database.

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# Product Requirements

* Device
* Internet Connection
* Browser
* Professor need to provide and update data
* User must be a Bachelor or a Master student.