Online Gradebook

Vision

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# Introduction

The purpose of this document is to give the vision for an online student grading software where teachers are able to give marks and the students and their parents are able to view them.

# Positioning

## Problem Statement

|  |  |
| --- | --- |
| The problem of | Not all the students tell their marks to the parents and not all the marks are written into the student card. |
| affects | A large number of students and their parents. |
| the impact of which is | The parents do not know their childrens’ marks and they may face the fact that their children has bad marks only at the end of the semester. |
| a successful solution would be | A website which gives the opportunity for the teachers to register the marks online, thus both students and their parents are able to view them. |

## Product Position Statement

|  |  |
| --- | --- |
| For | Students and mostly parents |
| Who | Want to know their marks at any moment. |
| Our product | Offers the solution to the problem. |

# Stakeholder and User Descriptions

The users of the product are teachers, students and their parents, and the school/college principal. Stakeholders may be other schools in a further development of the product, where principals will be able to register their school and teachers.

## Stakeholder Summary

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Responsibilities** |
| Principal of any school | Someone who can make operations which involve teachers and students | Register the school into the database (teachers and students) and has the ability to fire/hire teachers and accept/dismiss students respectively. |

## User Summary

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Responsibilities** | **Stakeholder** |
| Principal | The principal of the school | Fire, hire teachers  Accept, dismiss students |  |
| Teacher | Teacher of a subject | Insert a grade into the gradebook for the students |  |
| Parent,  Student |  | View marks |  |

## User Environment

The maximum number of users involved in completing the task is the total number of teachers, parents and students. However, the average number of users at a given time is 1. This is because it happens rare in real life that more than 1 teachers are introducing a mark at the same time or more parents are viewing grades concurrently. However, when a teacher displays all the marks together in the same time, then there is a high chance for an increased number of concurrent viewers. An operation is done in milliseconds, so the result appears instantly.