

Vision and scope document for arandia college school system

Version 1.0



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Table of Contents

[Business Requirements 2](#_Toc417026802)

[Background 2](#_Toc417026803)

[Business Opportunity 2](#_Toc417026804)

[Business Objectives and Success Criteria 2](#_Toc417026805)

[Customer or Market Needs 2](#_Toc417026806)

[Business Risks 3](#_Toc417026807)

[Vision of the Solution 3](#_Toc417026808)

[Vision Statement 3](#_Toc417026809)

[Major Features 3](#_Toc417026810)

[Assumptions and Dependencies 3](#_Toc417026811)

[Scope and Limitations 3](#_Toc417026812)

[Scope of Initial Release 3](#_Toc417026813)

[Scope of Subsequent Releases 4](#_Toc417026814)

[Limitations and Exclusions 4](#_Toc417026815)

[Business Context 4](#_Toc417026816)

[Stakeholder Profiles 4](#_Toc417026817)

[Project Priorities 5](#_Toc417026818)

[Operating Environment 5](#_Toc417026819)

# Business Requirements

First of all the system that we developing is mainly for schools. The system we are currently developing carters to the needs of the current client. The current client did not have any requirements at first. They just let us go around their school to gather some data that our group needs. As our group roam around, we have found a problem in their existing database system. Their system is full of redundancies and inconsistencies so we have proposed to that we will fix that problem. The current client now requires us to create a new system would help their entire school organize and access data quickly without encountering an error. They have also required us to put in a specific feature in the system.

## Background

Arandia College School System is a diverse and inclusive system that helps users be more efficient in terms of responsiveness. We started out as a group looking for a client on which we may be of help, and we agreed upon trying for a school system as our project. We looked around for some schools that are within our vicinity and found Arandia College. We checked out Arandia’s current school system and found out several issues about the interface not being too user friendly, having too many redundant data and not having consistency.

## Business Opportunity

Well for starters our business is very common but what differs us from everybody is that we made a system that specifically caters to the needs of our clients, as for other future clients we can modify our system to what their schools really needed. We assume that without our product/system a school cannot be as organized as ever, that there will always be inconsistency in their database and redundancy in data.

## Business Objectives and Success Criteria

Our system shall resolve all the inconsistencies and redundancies that a school may encounter. It will be of help to the school with regards to organizing their data. To resolve issues and problems in handling database management. To provide a timely and effective data management system to clients. Offer cost effective and cost efficient solutions for database management.

## Customer or Market Needs

Business owners have legal obligations to secure data and protect the privacy of their customers’ information. To safeguard your online customers you need policies that comply with laws on privacy, spam and electronic transfers.

Policies can cover:

* Privacy of customer data
* Code of conduct
* Business procedures

## Business Risks

Our product is running on a licensed programming language, so if a client wants to purchase they should be ready to buy a complete license from Microsoft. Those prices are not created by our group, so if it is expensive, the clients may have to take the risk and buy it.

# Vision of the Solution

Our Database management system will be the preferred database management system in terms of reliability, cost and sustainability.

Addresses and issues:

\*Effectiveness \*Cost

\*Flexibility

## Vision Statement

To be the best solution provider in the market through excellence in data management system

## Major Features

The system features a function that helps our client organize its files and record. It features a

Printing button mostly in the viewing pages, this feature was specially requested by our client. It

Also has a feature that lets the staff member access and input data in a database system.

## Assumptions and Dependencies

During the creation of the project we had experience different hardships. One of them is suddenly changing of the preferred language to a new one at the last minute. We assume that we can finish the project faster but since we had to change the programming language we had to cram to meet the deadline.

# Scope and Limitations

Our project mostly revolves around the issue of effectiveness and efficiency. We created the system to resolve the problem our client is facing. This study is limited to what we can develop and come up for them. It focuses on how we can help them make their school much better.

## Scope of Initial Release

Upon initial release, the system lacks few features but it will be eventually developed. The main features are all fully functioning well. The major feature that the school needs most is already done.

## Scope of Subsequent Releases

The system can be updated whenever and all the features the client needs can be develop in it overtime. The system is very open to be develop and updated more.

## Limitations and Exclusions

There’s a feature that our client requested us to do, it’s the Print Feature. The print feature is place in every viewable page that a user can access. The print button helps them have a copy of the record they need,

# Business Context

All in all our project focuses on how to resolve issues and problems in handling database management. And we also want to provide a timely and effective data management system to clients. We want to offer the market with a cost effective and cost efficient solutions for database management. We envision our project to be the best solution provider in the market through excellence in data management system. Our system will be the preferred database management system in terms of reliability, cost and sustainability in the market.

## Stakeholder Profiles

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Stakeholder** | **Major Value** | **Attitudes** | **Major Interests** | **Constraints** |
| Owner | increased revenue | Optimistic | Reliability, flexibility. effectiveness | Low on budget, Currently facing financial crisis. |
| Staff | Easy to maintain and monitor | highly receptive, but expect high usability | ease of use; high reliability | must run on low-end workstations |
| Parents/Student | quick access to data | Resistant but is open at the idea | easy to learn | no budget for retraining |

## Project Priorities

|  |  |  |  |
| --- | --- | --- | --- |
| **Dimension** | **Driver (state objective)** | **Constraint (state limits)** | **Degree of Freedom (state allowable range)** |
| Features | User-friendly | Some features are restricted for some users | Always accessible |
| Quality | Normal |  |  |
| Staff |  | 2 developers |  |
| Cost | the soft wares that were used in making the system were free |  | We considered the crisis the client is facing so the system does not cost much. |

## Operating Environment

The system is only located in the school building. The system can only be access when students or parents wants to check their children’s grade. And for the teachers and admin they can access it whenever. The data is all stored it the admin office. The admins are responsible for monitoring and maintaining it. Each inserted data will have 1-2 minutes response time before it prompts the user that the data has been stored safely. The system is simple and easy to maintain, so if it encounters an error the admins can just easily track and fix it.