Version <1.0>

Revision History

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| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| <17Mar/18> | <1.0> | <details> | <Urda Sebastian George> |
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# Introduction

## Purpose

The purpose of this document is to collect, analyze and define high-level needs and features of the Numismatic Application. It focuses on the capabilities needed by the stakeholders and the target users, and why these needs exist.

## Scope

The Vision Document applies to the Numismatic Application which will be created as my final project this semester. The application will give the coin collectors the opportunity to keep track of their coins and communicate with others who share the same passion.

## Definitions, Acronyms, and Abbreviations

**Numismatics** is the study or collection of currency, including coins, tokens, paper money, and related objects. While numismatists are often characterized as students or collectors of coins, the discipline also includes the broader study of money and other payment media used to resolve debts and the exchange of goods.[1]

## References

[1] <https://en.wikipedia.org/wiki/Numismatics>

[2] <http://worldcoingallery.com/>

[3] <https://www.ebay.com/>

## Overview

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

# Positioning

## Problem Statement

|  |  |
| --- | --- |
| The problem of | The community of coin collectors from all around the world need a way to communicate strictly among themselves, share knowledge and make exchange. |
| affects | The coin collectors and custodians of the museums who might be interested in this subject. |
| the impact of which is | Lack of a knowledge base about what coin everybody has and if it is legal to own it or not. |
| a successful solution would be | A simple app in which every used should put his or her coins and specify which is available for sale or exchange. |

## Product Position Statement

|  |  |
| --- | --- |
| For | Coin collectors, historians, museum custodians |
| Who | Want to enlarge their collections |
| The Numismatic Application | is a software application |
| That | Solves the problem of finding a collector who has a specific coin |
| Unlike | The websites on which people try to sell coins among other things like Ebay [3].and the World coin gallery[2] |
| Our product | Is specially designed for coin collectors |

# Stakeholder and User Descriptions

For this particular project I will be the only stakeholder representing the team.

The target market segment includes the collectors, buyers, sellers, historians and museum custodians.

## Stakeholder Summary

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Responsibilities** |
| Student developing The application | This stakeholder will do the job of a requirements engineer, software architect and project manager. | Specifies domain,  non-functional, and functional requirements.  Refines requirements as needed.  Responsible for overall architecture  of the system, and guides overall  design and implementation of  system.  Plans, manages and allocates  resources, decides priorities,  coordinates interactions with  customers and users, and keeps the  project team focused. |

## User Summary

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Responsibilities** | **Stakeholder** |
| Collector | Persona who has a collection on coin and wants to keep track of every piece he owns | Uses application and inserts all the coins ha has to the database | Self |
| Museum custodian | Persona who works for the museum and has to keep track of that collection and enlarge it | Uses application adds all the coins in the museum to the database and searches for deals. | The Museum |
| Seller | Has some coins which he wants to sell | Uses app to add the coins he wants to sell to the database and marks them as available for selling. | Self |
| Historian | Wants to know more about a coin | Uses app to inform himself of a specific coin |  |

## User Environment

The environment of the user depends on him and his job and it could be a museum or his home. All he needs is a Computer and maybe a camera to take pictures of the pieces he owns, but the picture will be optional. The time spent using the app depends on the user and the activities he wants to perform and coind, sell coins or find coins.

# Product Requirements

Personal Computer with Windows 8 or higher.

Internet connection.