Utility Payments

Version <1.0>

Revision History

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# Introduction

## Purpose

The purpose of this document is to collect, analyze, and define high-level needs and features of the application Utility Payments.

## Scope

This Vision Document is associated to the Utility Payments system which I will develop. This system will have three different kinds of users:

* Authentication process for the users, administrator and for the utility companies.
* Two different types of registration by using vital information to difference them.
* The users will have at first to choose form a list all the utility companies that they use.
* The users will next have to complete personal information about them so they can connect with the companies.
* The users will receive confirmation that they been inserted in a database and the companies will send the payments here.
* The companies will have to complete information about them and a bank account in which the people will send money for payment
* The companies will have to send bills every month
* The administrator will take care of the site will maintain it in good condition
* The user can make different changes to the profile and update data about him
* The companies can also make different changes about them

## Definitions, Acronyms, and Abbreviations

The only acronyms that can appear could be the name of the utility companies or the name of the streets.

## References

## Overview

The Vision document presents the following topics

* Introduction : purpose , scope, definitions, reference, overview
* Positioning : problem statement, product position statement
* Stakeholder and user description : stakeholder summery, user summery, user environment
* Product requirements

# Positioning

## Problem Statement

|  |  |
| --- | --- |
| The problem of | The problem that is solved by the application is the infernal queues that are present at all the utility companies. |
| affects | People using utilities and the companies |
| the impact of which is | Persons can’t pay on time, persons get unpatient and angry |
| a successful solution would be | Persons pay on time, do not stay at infernal queues, pay form home where they don’t get angry, and don’t pay more because of the late bills. |

## Product Position Statement

|  |  |
| --- | --- |
| For | People using utilities and the companies |
| Who | The ones that want to pay on time and hate long queues |
| Utility payments | A web application for payment of all the utilities |
| That | Persons pay on time, do not stay at infernal queues, pay form home. |
| Unlike | The existing application |
| Our product | This application can be used to pay all the bills not only one bill at one companies. |

# Stakeholder and User Descriptions

In this section, the users of the Utility Payment will be discussed. There are three kinds of such users in this system and they are:

* User – customer
* Companies - provider of bills
* Administrator-person responsible for maintain it in good condition

## Stakeholder Summary

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Responsibilities** |
| Administrator/ Manager/ Software Architect | Person that takes care of the site. | * Implements the system * manages and allocates resources * coordinates interactions with customers and users * maintain it in good condition * check it at a regular basis * verify if someone made something illegal * make some changes in time * make the site more easy to use * add more options for the system meaning is improves it |

## User Summary

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Responsibilities** | **Stakeholder** |
| Utility companies | Any organization which provides  services to the  general public,  although it  may be privately owned. | The companies will have to complete information about them and a bank account in which the people will send money for payment  The companies will have to send bills every month  The companies can also make different changes about them | Self |
| Users | Costumers | People that use the utilities : include electric, gas, telephone, water and television cable systems,  as well as streetcar and bus lines. | Self |

## User Environment

The application Utility Payment will be used by people that have a house that includes one or all of the utilities like electric, gas, telephone, water and television cable systems as well as streetcar and bus lines.

The application can be used every were a person wants of course if they have internet and some device that can access the web browser.

The payment can be done at any hour and in any day, it doesn’t have working hours.

The application has a friendly interface easy to use and understand.

# Product Requirements

The platform in which the project will be develop is Visual Studio. The project will be a web application which can be access from any browser application and doesn’t need any software to be installed.