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| Ulysses |
| Project Vision Document | |
| **Version 1.0** | |
| 10/3/2018 | |

**Revision History**

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| Revision | Date | Author | Reviewed By | Summary of Changes |
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**Document Approval List**

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# Introduction

This document is intended to provide general information about the project with the inclusion of several minor details.

## Purpose

This document is written for clarification purpose of details between team members and project stakeholders.

## Scope

### In Scope:

- Database

- Desktop application for managing data submitted by the client

- Web application for clients to submit work orders

### Out of Scope:

- Accessibility features

- Other official languages other than English

## Definitions, Acronyms, and Abbreviations

- PHP: “Hypertext Processor;” a server-side scripting language designed for wed development.

- Laravel: Free, open-source PHP web framework. Intended for the development of web applications following the “model–view–controller” architectural pattern; based on “Symfony.”

- JS: A high-level, interpreted programming language. It is a language which is also characterized as dynamic, weakly typed, prototype-based and multi-paradigm.

- CRUD: An acronym that stands for Create, Read, Update, Delete

- KPI: Key performance Indicator.

- Desktop Application - Any software that can be installed on a single computer (laptop or a desktop) and used to perform specific tasks

- Web Application - Application program that is stored on a remote server and delivered over the Internet through a browser interface

## References

| Reference File Name | Version | Description |
| --- | --- | --- |
| T06\_Project\_Summary | 1.0 | Initial document roughly outlining the project |
| T06\_High\_Level\_Requirements | 1.0 | Document detailing project requirements |
| T06\_Personas\_And\_User\_Stories | 1.0 | A description of example users and cases |

# Positioning

## Business Opportunity

A unified platform where clients can make work orders and contractors can assess and accept orders

## Problem Statement

|  |  |
| --- | --- |
| The Problem of | Complexity of managing renovation work orders |
| Affects | Architectural companies |
| The impact of which is | Long process times and lost revenue |
| A successful solution would be | Use of an online utility that can document and present a client’s work order |

Table 1 Problem Statement

## Product Position Statement

|  |  |
| --- | --- |
| For | An architectural company and its clients |
| Who | Need an application for easier maintaining of client work orders and project proposals |
| The <Ulysses> | Is a web and desktop-based application that documents submitted work orders from clients and makes them available to interested contractors. |
| That | Provides a simple and streamlined experience for clients and other interested parties to post, view, and provide quotes for client submitted work orders and project proposals. |
| Unlike | The current method of visiting architectural companies and presenting project proposals and an individual, time-consuming- basis. |
| Our product | Provides a simpler and more time efficient way of |

Table 2 Product Position Statement

# Stakeholder and User Descriptions

## Stakeholder Summary

| Stakeholder Name | Represents | Role |
| --- | --- | --- |
| Tyler Durden | Business owner, who needs a tool for managing communication with clients, keeping track of project documents, and storing feedback from clients of the company. | The stakeholder prepared a list of initial requirements for the tool, which will be discussed and corrected throughout the first phase of the project. Then he will be advising the team if any changes/additions/corrections must be made. |
| Developers | The team responsible for the developments and deployment of Ulysses. | Developers of the tool requested by the Primary Stakeholder. |
| Contractors | Individuals who intend to view work orders and project proposals that have been created by clients. | Users who provide quotes for potential clients. |
| Clients | Individuals who intend to use this tool in order to receive quotes from contractors and request their services. | Users who are interested in receiving quotes rather quickly from contractors. |

Table 3 Stakeholder Summary

## User Summary

| User Name | Description | Responsibilities | Stakeholder |
| --- | --- | --- | --- |
| Mirri MacRey | High frequency habitual user of the system. | Creates work orders, contacts contractors, uploads images. | Clients |
| Isaac Owyn | Local contractor interested in small projects. | Views client created workorders, provides quotes, contacts clients. | Contractors |

Table 4 User Summary

# Stakeholder Requirements

| ID | Requirement | Stakeholder |
| --- | --- | --- |
| SR01 | A functional application | Tyler Durden |
| SR02 | Creation of work orders | Clients |
| SR03 | Viewing work orders | Contractors |
| SR04 | Receiving quotes | Clients |
| SR05 | Issuing quotes | Contractors |
| SR06 | A functional Database | All Applicable |

Table 5 Stakeholder Requirements

# System Features

| ID | Feature | Stakeholder Requirement ID |
| --- | --- | --- |
| SF01 | Work order creation that includes picture uploads will provide more detail regarding the work that is requested | SR02 |
| SF02 | Data retrieval encompassing the posted work orders that are available. | SR03  SR06 |
| SF03 | Communication channel that can be utilized to facilitate dialogue between clients and contractors. | SR04  SR05 |

Table 6 System Features

# Assumptions

* Involvement of Tyler Durden will likely be infrequent due to his work related responsibilities.
* Time dedicated to the project will not be consistent from week to week due to exterior academic factors.
* Acquiring a domain for our online application and data base will have monthly upkeep costs.
* Different time tables will disrupt group member attendance of regular meetings.

# Constraints

* A dedicated external online service needed to host the online application and the data base.