

# Online Document Generator

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## Project Vision Document

**Version 2.0**

10/10/2021

**Revision History**

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

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# 1 Introduction

The documentation mainly focuses on the desired application that the stakeholders and the target users desire and describes the reasoning to why the application is needed and also details how the application meets these requirements and needs that are set by the stakeholders and the target users in the use-case and supplementary specifications.

## 1.1 Purpose

The purpose of this Project Vision Document is to put into detail who is developing this Web Protocol and what is being required by the stakeholder for the document generator that is being requested. The organization will be developing this document generator to allow a more electric and modernized way of completing their task. The document generator allows the user to select a template from the web protocol with that, they are able to edit the document by entering names, job title, adding banners, adding logos to the background and any other information that is required. Us the organization are making this document so that we are clear and communicating what is being required from the stakeholder to the stakeholder to ensure that no feature or detail is missing from the final product.

## 1.2 Scope

The Document Generator Web Application will be developed by our organization in the given timeframe where the application asks the user to select a document type and then ask for required input so the application can auto-generate the document and send out the email to selected clients.

### 1.2.1 In Scope

The web application must have a feature where the user is able to select a document type and then be able to fill out the necessary information which then once submitted, the application would auto-generate the entire document correctly. After that, the user will be able to manually verify the document themselves and then be able to send the document to the selected clients with minimal effort and low risk of error.

### 1.2.2 Out of Scope

TBD

## 1.3 Definitions, Acronyms, and Abbreviations

Term	Explanation
Web Application	An application software that runs on a web server.

## 2 Positioning

### 2.1 Business Opportunity

The business opportunity being met with this project is to speed up the efficiency of sending out documents for the training department using pre-made templates that we are able to choose from and edit them to our desired need. This ensures we are getting rid of miniscule errors made through manual creation.

### 2.2 Problem Statement

The Problem of	Of manually creating online documents using pre-designed templates.
affects	The Training Department and those who receive incorrect documents.
the impact of which is	Disrupting work efficiency and correctability.
a successful solution would be	<ul style="list-style-type: none"> <li>- Automate generation of documents, to increase work efficiency.</li> <li>- Manual verification of generated documents to correct mistakes.</li> <li>- Reduce the set limitation of using pre-designed templates.</li> </ul>

Table 1 Problem Statement

### 2.3 Product Position Statement

For	The Training Department
Who	Want to increase work efficiency.
The < Online Document Generator Web App >	Is an automation generation tool.
That	Gets rid of manual creation of documents.
Unlike	The alternative pre-designed templates.
Our product	Provides flexibility and freedom while providing a more error-free solution that requires less work.

Table 2 Product Position Statement

## 2.4 SWOT Analysis

<b>Strengths</b>	<b>Weaknesses</b>
Automation, increased work efficiency.	Time constraint, for additional features
Flexibility, creation of new documents.	Unclear future website and program integration. Or lack of reputation, unknown company.
Less error prone, manual check and certain input prompts.	Less unique styled documents or less efficient than competitors.
<b>Opportunities</b>	<b>Threats</b>
The need to speed up workflow through automation.	Similar companies offer the same services, but their program could be less detailed.
The expansion of automated workflow to other areas.	Program process could confuse users who are using it for the first time.
Creation of additional features to aid in designing documents. OR can be a service that specializes to the specific need rather than a broad, undetailed program.	Not as appealing compared to competitors.

### 3 Stakeholder and User Descriptions

This section provides a profile of the stakeholders and users involved in the project, and the key problems that they perceive to be addressed by the proposed solution. It provides the background and justification for why the requirements are needed.

#### 3.1 Stakeholder Summary

Stakeholder Name	Represents	Role
Vimal	Brought forward the need for the project and will be the end user as it will be implemented into their company once the project is completed.	The stakeholder will be assisting us while we complete the project. This includes training for languages/material we are not comfortable with.

Table 3 Stakeholder Summary

#### 3.2 User Summary

Username	Description	Responsibilities	Stakeholder
Ricky	Ricky coordinates events for IT Clan Consulting Services. With respect to the system, it would improve the efficiency at the rate the stakeholder can complete the documents for Ricky and improve the verification speed to ensure no errors.	The system being developed produces reports and helps coordinate Ricky's plan to schedule events accordingly to the desired date with his other events he has to plan.	Vimal is responsible for representing the user's interest.
Sean	Sean is a customer that purchases services from IT Clan Consulting Services. With respect to the system, it would improve the efficiency and accuracy when sending out documents to the specific consumer allowing no confusion or errors.	The system being developed produces documents to inform Sean if anything is being changed or updated from the stakeholder's company to Sean specifically or overall, to the company.	Vimal is responsible for representing the user's interest.

<b>Username</b>	<b>Description</b>	<b>Responsibilities</b>	<b>Stakeholder</b>
Jenny	Jenny is a student that is gaining training from IT Clan Consulting Services. With respect to the system, it would improve the efficiency and accuracy when sending out documents to the specific consumer allowing no confusion or errors.	The system being developed produces documents to inform Jenny if anything for her training has any important dates, in person training, meetings and etc. informing her and everyone else taking the same training of these events.	Vimal is responsible for representing the user's interest.

**Table 4 User Summary**



## 4 Stakeholder Requirements

ID	Requirement	Stakeholder
01	Requires us to create a web application that allows his workers to generate a document automatically, so it is sent to the selected clients' email.	Vimal
02	Have the web application accept pre-designed templates and input files.	Vimal
03	Allow the user to select document type to be generated from the list of templates.	Vimal
04	Once document type is selected, allow the user to input in the necessary fields required to generate the document.	Vimal
05	The user should then be able to manually validate the auto generated document.	Vimal
06	After validation, the user should be able to enter in the email address/s of the recipient and then the document generated should be sent to the email address/s.	Vimal

Table 5 Stakeholder Requirements

## 5 System Features

ID	Feature	Stakeholder Requirement ID
01	Accept pre-designed templates and input files so the web application can generate the documents.	02
02	Have the ability to select the document type so the user can specify what type of document they want to be generated.	03
03	Allow the user to input data corresponding to the document selected so the application can generate the document for the user.	04
04	Require the user to manually verify the auto-generated document so there are no errors.	05
05	Take input for the email address/s for the recipients of the generated documents so the user can send out the documents to specific person/people.	06

**Table 6 System Features**

## **6 Assumptions**

- Assumption that we have the resource and material to complete the project
- Assumption that we delivery what the project intends to accomplish
- Assumption that we will be in scope with all features on expected due date
- Assumption that our application will integrate perfectly with end users

## **7 Constraints**

### **User Satisfaction**

- Easy to use so the user can traverse through the process smoothly.
- The listed requirements for the application should be met so the application is functional and efficient.

### **Responsiveness**

- User should be able to view the generated document quickly and be able to fix any errors present.
- Web application should be able to accept the templates at a quick rate.
- Web application should be able to accept input at a quick rate.
- Web application should be able to generate the document efficiently.

### **Communication**

- Project members are in different time zones therefore ease of communication is not always smooth.

### **Quality**

- The web application should have a neat and responsiveness layout that is easy to navigate and function for the user.
- The theme of the web application should match the websites' theme, so they are uniform.

### **Time**

- The stakeholder requires us to finish the application in the time scope of Monday, September 20, 2021 to Friday, April 1, 2022.
- Project is required to have sprints submitted before deadlines.