IBID

Vision

Version <1.0>

Revision History

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Vision

# Introduction

Welcome to the documentation for my bidding application designed specifically for volunteers of the student organization I am currently part of. IBID comes as a solution for decluttering of the office which is way too crowded. This application provides a simple and efficient way for volunteers to bid on their favorite items available in our organization's office.

Gone are the days of the manual bidding process, which can be time-consuming and prone to errors. With our bidding application, volunteers can easily place bids on items they are interested in from the comfort of their own devices.

Our organization recognizes the importance of creating a fair and transparent bidding process for all volunteers, and this application has been designed with those principles in mind. With this application, volunteers can view current bids and track the status of their own bids, ensuring they have a clear understanding of the current bidding situation.

We are confident that this bidding application will enhance the bidding process for our volunteers and ultimately lead to a more organized and efficient system for our organization. Thank you for using our bidding application and we hope this documentation will provide you with all the necessary information to utilize it effectively.

## Purpose

The purpose of this Vision document is to provide a comprehensive overview of the bidding application for volunteers of a student organization to bid for items in the organization's office. This document aims to identify the key features, goals, and objectives of the application, as well as its target audience, and to provide a clear understanding of the project's scope and requirements. It will serve as a guide for stakeholders, including project managers, developers, and users, to ensure that the project is developed and delivered successfully, meeting the needs of the organization and its volunteers.

## Scope

This Vision document is associated with the development of a bidding application for volunteers of a student organization to bid for items in the organization's office. The document outlines the key features, goals, and objectives of the application, as well as its target audience, and provides a clear understanding of the project's scope and requirements.

The document will be used to guide the development of the application, and will be referenced throughout the development process to ensure that the project is developed in alignment with the identified scope and requirements. Any changes to the scope or requirements will be documented and communicated to stakeholders.

This Vision document will also influence and be influenced by other project-related documents, such as the Requirements Specification and Test Plan. It will serve as a foundation for these documents, ensuring consistency in the project's scope and requirements.

## Definitions, Acronyms, and Abbreviations

## References

## Overview

The rest of this Vision document is organized into several sections, each providing specific information related to the development of the bidding application for volunteers of a student organization to bid for items in the organization's office.

The Positioning section describes the problem statement and the product position statement, outlining the purpose and objectives of the application.

The Stakeholder and User Descriptions section provides a summary of the stakeholders and users involved in the project, including their roles, responsibilities, and expectations.

The Product Requirements section identifies the functional and non-functional requirements of the application, including the key features and functionalities necessary for the application to meet its objectives.

Overall, this document serves as a guide for stakeholders, including project managers, developers, and users, to ensure that the project is developed and delivered successfully, meeting the needs of the organization and its volunteers.

# Positioning

## Problem Statement

The problem of inefficient and disorganized item bidding affects the volunteers of a student organization, who are required to bid on various items to assist with their organizational duties. The current bidding system is manual, time-consuming, and error-prone, resulting in an overall poor experience for volunteers.

The stakeholders affected by this problem are the volunteers, who are tasked with completing their duties efficiently and effectively, as well as the organization, which relies on volunteers to carry out its operations.

The impact of this problem is a decrease in productivity, as volunteers spend excessive time and effort on bidding tasks instead of completing their assigned tasks. Additionally, there is a risk of errors and miscommunications in the bidding process, resulting in further delays and inefficiencies.

A successful solution would provide an efficient and organized bidding system, allowing volunteers to bid on items quickly and easily, with clear communication and documentation of the bidding process. This would result in improved volunteer satisfaction, increased productivity, and reduced risk of errors and delays.

## Product Position Statement

For volunteers of a student organization who require an efficient and organized bidding system for items necessary to complete their organizational duties, the IBID web application is a bidding platform that streamlines the bidding process, ensuring clear communication and documentation of bids.

Unlike the current manual system, IBID provides a centralized platform for bidding on items, allowing volunteers to easily view available items and place bids. IBID also ensures clear communication and documentation of the bidding process, reducing the risk of errors and delays.

Our primary differentiation from other bidding applications is our focus on the specific needs of student organization volunteers, with a user-friendly interface and streamlined process designed for efficient bidding on organizational items.

In summary, the IBID web application is a unique solution that addresses the specific needs of student organization volunteers, providing an efficient and organized bidding system that streamlines the bidding process and reduces the risk of errors and delays.

# Stakeholder and User Descriptions

## Stakeholder Summary:

Student Organization: The primary stakeholder is the student organization for which the IBID application is being developed. The organization requires an efficient and organized bidding system for items necessary to complete their organizational duties. They are interested in a system that streamlines the bidding process and ensures clear communication and documentation of bids.

Volunteers: The volunteers of the student organization are the primary users of the IBID application. They require a user-friendly platform that allows them to easily view available items and place bids. They are interested in a system that reduces the risk of errors and delays, ensuring that they can complete their organizational duties in a timely and efficient manner.

## User Summary:

Registered Volunteers: These are the users who have registered with the IBID application and can log in to view available items and place bids. They are interested in a user-friendly interface that makes it easy for them to view items and place bids. They also require a system that ensures clear communication and documentation of the bidding process, reducing the risk of errors and delays.

Admin Users: These are the users responsible for managing the IBID application, adding new items, and overseeing the bidding process. They are interested in a system that is easy to manage and provides detailed documentation of the bidding process.

## User Environment:

The IBID application will be accessed via the internet by registered volunteers and admin users. The application will be designed to work on a variety of devices, including desktops, laptops, tablets, and smartphones. The application will be available 24/7 to registered volunteers, allowing them to view available items and place bids at their convenience. The admin users will have access to the system at all times to manage the bidding process and oversee the system.

## Stakeholder Summary

| **Name** | **Description** | **Responsibilities** |
| --- | --- | --- |
| Executive Management | The leadership team of the organization | Provides overall strategic direction and funding for the project |
| IT Department | The internal IT team of the organization | Ensures the application meets the organization's IT standards and is compatible with existing systems |
| Procurement Department | The department responsible for purchasing goods and services for the organization | Approves any necessary purchases related to the development of the application |
| Finance Department | The department responsible for managing the organization's finances | Ensures the project stays within budget and provides funding as needed |
| Marketing Department | The department responsible for promoting the organization and its activities | Ensures the application is effectively promoted to target users and supports the organization's overall branding and messaging |
| Board of Directors | The governing body of the organization | Oversees the project's progress and ensures it aligns with the organization's mission and values |

## User Summary

| **Name** | **Description** | **Responsibilities** | **Stakeholder** |
| --- | --- | --- | --- |
| Volunteer | A member of the student organization who will use the bidding application to bid for items in the organization's office. | View and bid on available items. | Student organization |
| Office Manager | The person responsible for managing the organization's office and inventory. | Add, edit, and remove items available for bidding. | Student organization |

# Product Requirements

The following are the product requirements for the bidding application:

Standards:

* The application must comply with relevant web development standards and guidelines.
* The application must adhere to applicable privacy laws and regulations.

Hardware and Platform Requirements:

* The application must be accessible from any modern web browser.
* The application must be hosted on a reliable and secure web server.
* The application must be scalable to accommodate increasing user traffic and data storage needs.

Performance Requirements:

* The application must respond to user requests in a timely manner, with minimal latency.
* The application must be able to handle a large number of simultaneous user connections without experiencing significant slowdowns or errors.

Environmental Requirements:

* The application must be designed to operate in a secure environment, protecting user data and preventing unauthorized access.
* The application must be accessible to users with disabilities, following accessibility guidelines and best practices.