Wedding Planning management System (WPMS)

Requirements Project Initiation

by

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1. Introduction

This document serves as a reference point for the project development team, including the project manager, stakeholders, and other interested parties, to understand the Wedding Planning Management System (WPMS) project's goals and to guide the development process. It is an essential document that is required to ensure the successful delivery of the Wedding Planning Management System (WPMS). This document's aim is to establish the project team's understanding on:

- The primary challenges that led to the development of WPMS
- All stakeholders involved in the development of the WPMS
- The system objectives, which define the fundamental business-level improvements The Knot wants to experience once WPMS is deployed
- Any known constraints that may limit the design of WPMS
- Definitions for terms and acronyms relevant to the WPMS project

2. Project Background

A wedding planning management system (WPMS) is a software application that helps couples and wedding planners manage the various aspects of planning and organizing a wedding. The need for such a system arises from the complexity of planning a wedding, which involves coordinating multiple tasks and stakeholders, and the desire to streamline the planning process to reduce stress and avoid mistakes.

Planning a wedding on our own can be difficult and overwhelming. There are several issues to consider if someone wants to plan his/her wedding which includes:

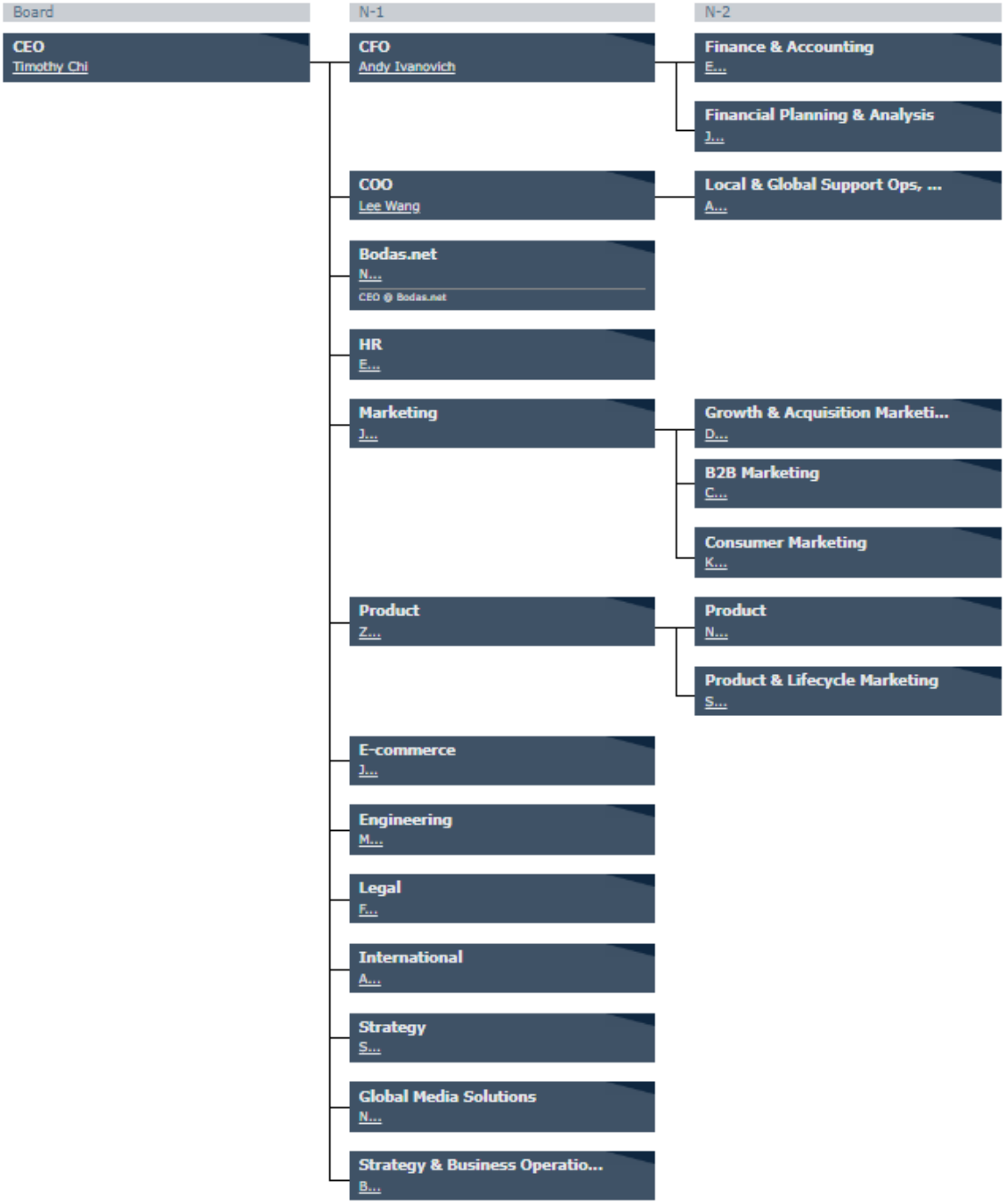
- Selecting a perfect venue
- Budgeting for the occasion
- Creating and managing guest list
- Coordinating and scheduling vendors
- Creating and sending invitations to the guests
- Tracking RSVPs
- Managing seating arrangements

The WPMS development project is in response to these challenges that people face regarding their wedding planning and create a comprehensive and reliable solution that simplifies the wedding planning process and provides a valuable service to its users.

3. Stakeholders

The Knot Organizational Chart

Source
https://www.theofficialboard.com/org-chart/the-knot-worldwide



Potential stakeholders

System owner: The system owner of a wedding planning management system is the individual, organization, or entity that has ultimate responsibility for the system's development, deployment, and maintenance. The system owner is typically a senior-level executive or a board of directors representing the organization that develops and operates the system.

Investors: The investors are individuals or organizations that provide funding for the project and have a financial stake in its success.

Developers: They are the individuals or teams responsible for designing, coding, testing, and deploying the system. They work in close collaboration with other stakeholders, such as system owners, and users, to ensure that the system meets the requirements and provides the desired functionalities.

System administrators: The system administrators are responsible for managing and maintaining the system's technical infrastructure, security, and performance.

Regulators: The regulators are government agencies or industry bodies that provide guidelines, standards, or regulations that the system must comply with, such as data privacy laws or industry certifications.

Marketing and sales team: The marketing and sales team is responsible for promoting the system, acquiring users, and generating revenue.

Vendors: The vendors are businesses that provide wedding-related products or services, such as florists, photographers, caterers, and event venues. The system may allow them to create a profile, showcase their products, and receive leads and bookings from couples and wedding planners.

Family and friends: The family and friends of the couples may use the system to RSVP to the wedding, view the registry and get updates on the event.

4. System Objectives

Development Objectives

The system objectives outline the enhancements WPMS hopes to achieve after WPMS is installed.

Development objectives are required to ensure that WPMS project is successful and meets the stakeholders' needs. These development objectives provide a clear direction and purpose for the project, guide the design and development process, and help measure the project's progress and success.

Objective #1: Offer tools to manage guest lists, budgets, vendors, timelines, and other wedding-related tasks.

> **Who benefits and how:** Simplified and automated wedding planning process which makes it more efficient and organized for couples and wedding planners.
>
> **How / when to measure:** Once WPMS has been developed, does it ensure these?

Objective #2: The system aims to provide communication and collaboration among stakeholders, such as couples, wedding planners, vendors, and guests. The system may offer messaging, chat, video conferencing, and other communication tools to facilitate real-time interaction and feedback.

> **Who benefits and how:** Beneficial to couples, vendors, wedding planners, and guests because it enables them to interact with each other and remain updated about all the happenings without missing any important task.
>
> **How / when to measure:** After the system has been deployed, does it provide this functionality?

Objective #3: Provide personalized and relevant recommendations to couples and wedding planners based on their preferences, budget, and other factors. The system may use machine learning algorithms to analyze data and make suggestions for vendors, venues, themes, and other aspects of the wedding.

> **Who benefits and how:** Couples and wedding planners receive the best possible recommendations based on their financial abilities and other preferences.
>
> **How / when to measure:** Once WPMS is developed, does it provide this functionality?

Objective #4: Provide a web-based or mobile-based interface that can be accessed anytime, anywhere, and from any device. The system may also offer features such as online RSVPs, gift registry, and digital invitations to make.

Who benefits and how: Increases accessibility and convenience for the users to make the wedding planning process become more accessible and convenient.

How / when to measure: Once WPMS has been developed, does it have enough accessibility options?

Objective #5: Implement robust data security measures, such as encryption, firewalls, and access controls.

Who benefits and how: Ensures the security and privacy of the users' data.

How / when to measure: Once WPMS has been developed, does it provide robust security for its users?

Objective #6: The system aims to provide data analysis and reporting capabilities to the stakeholders as well as offer dashboards, analytics, and reporting tools to visualize and report data in a meaningful way.

Who benefits and how: Developers and owners gain insights into the wedding planning process, track progress, and identify areas for improvement.

How / when to measure: Once WPMS has been developed, does it have this functionality?

Objective #7: Provide the functionality to give rating/feedback/review the service provided by WPMS.

Who benefits and how: Developers and owners will have direct feedback from the customers and can make changes in the system based on these feedbacks.

How / when to measure: Once WPMS has been developed, does it have this functionality?

Longer-Term Objectives

Longer-term objectives are those which can be measured after the completion of the development of WPMS project and has been on the market for some time.

Objective #8: Increase the total number of clients in the first year by ten percent.

Who benefits and how: Developers will change and improve the system based on clients' recommendations and as a result, more clients will come as the system is better than before. The Knot will profit from increased number of clients and keep growing and become stronger in the industry.

How / when to measure: Compare the number of clients twelve months after the deployment of WPMS with its initial users.

Which development objective(s) support achievement of this objective: The enhancement of the system associated with **Objective #7** (Provide the functionality to give rating/feedback/review the service provided by WPMS) is intended to help the developers gain direct feedback from The Knot's clients.

5. Known Constraints that Limit the System Design

Software constraints are limitations or restrictions that affect the design, development, and deployment of a software system.

Constraint #1 – Local government authority approval: The Knot's operations are not limited within one area; it is a global organization. As a result, the WPMS needs to be approved by the concerned authority of any particular city or area where it will be functioning.

Rationale: The Knot must comply with local Government regulations.

How / when to measure: Once WPMS development is complete, is the system obedient with the local government authority's regulations?

Constraint #2 – Vendor integration: The system may have to integrate with external vendors, such as event venues, florists, or catering services, which could require coordination and communication.

Rationale: The Knot needs to make sure that its WPMS has vendor integration.

How / when to measure: After the development of WPMS is complete, is the system integrated with external vendors?

Constraint #3 – Availability: The system may have to operate 24/7 to accommodate users in different time zones or to handle last-minute changes and emergencies.

Rationale: The Knot's WPMS system must be capable of accommodating all its users around the world at any given time.

How / when to measure: After the completion of WPMS project, is the system online 24/7 while serving its users without any interruption?

6. Terminology and Acronyms

WPMS: Wedding Planning Management System.

RSVP: This initialism from the French Phrase – “Répondez s'il vous plait”, meaning “Respond, if you please”.

Rationale: Reason of including the respective constraint.