the knot

Wedding Planning Management System (WPMS)

Data Requirements
(Draft for discussion purposes)

by

Ashique Arman

CS6905 – Software Requirements Analysis

University of New Brunswick

April 08, 2023

Table of Contents

1. Introduction

This document outlines the conceptual data requirements for The Knot's Wedding Planning Management System (WPMS). The purpose of this document is to provide a preliminary version of the data requirements that will be reviewed and updated as the development of the WPMS progresses.

The data requirements outlined in the document are based on the information provided by the user (the client) and their specific wedding booking needs. The document is intended to be useful for both technical and non-technical users of the WPMS, as it provides a clear picture of the data model and can help identify areas where the system can be optimized or improved.

The document is still in draft form and will be subject to review and updates as the development of the WPMS continues. The Knot staff members who are involved in the project will participate in upcoming discussions to refine and update the data requirements outlined in the document.

Overall, the document is an important resource for anyone involved in the development or use of the WPMS, as it provides a clear understanding of the data requirements and how they relate to the user's needs.

2. Data Area – Booking a wedding

Data Area Description

This data area represents the data captured in the process of booking a wedding. Here, user means the client who is going to book his/her wedding.

Entity Relationship Model
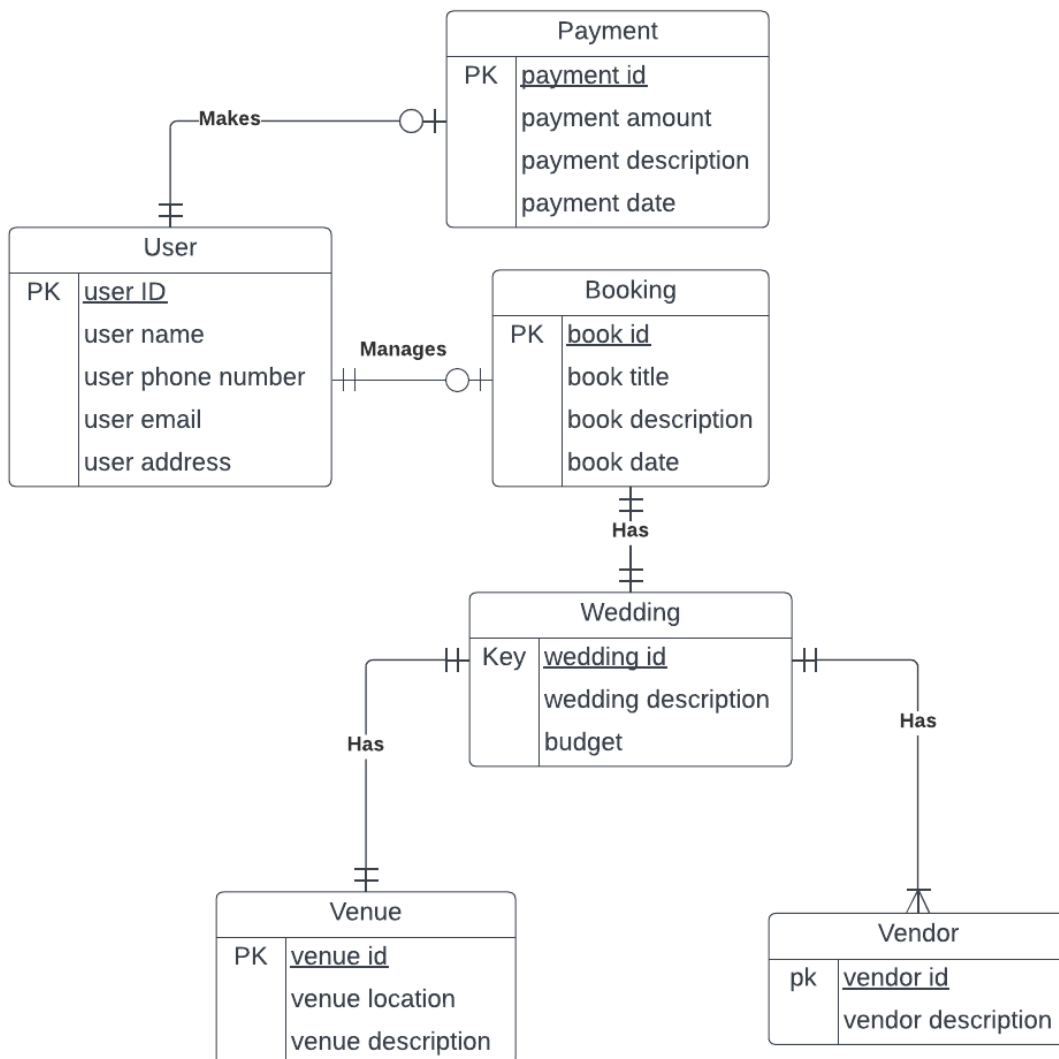
Entity & Attribute Descriptions

The Knot's wedding planning process requires that the client who wishes to get his/her wedding planned through The Knot book it through The Knot's web portal. The attributes listed below are based on The Knot's interface of booking a wedding.

User

The user of The Knot is typically the individual who is getting married and is getting help from The Knot to assist him/her with the wedding planning process.

Attributes for: **User**

Attribute Name	Description (where the meaning is not obvious)
<u>user Id</u>	A unique way to identify each user
User name	The full legal name of the user
User phone number	The phone number of the user
User email	The email address of the user
User address	The home address of the user

Booking

The user will place a booking through The Knot website.

Attributes for: **User**

Attribute Name	Description (where the meaning is not obvious)
<u>book Id</u>	A unique way to identify each booking
book title	The title of the booking
book description	The description containing details about the booking
book date	The date the booking was made

Payment

The user makes the payment to confirm the booking of his/her wedding.

Attributes for: **Payment**

Attribute Name	Description (where the meaning is not obvious)
payment Id	A unique way to identify the payment made by the user
payment amount	The amount of the payment made
payment description	The details of the payment
payment date	The date of the payment

Wedding

This is the wedding event that is booked by the user.

Attributes for: **Wedding**

Attribute Name	Description (where the meaning is not obvious)
wedding Id	A unique way to identify a wedding booked by the user.
wedding description	Detailed description of the wedding event.
budget	Budget of the wedding.

Venue

The location of the wedding.

Attributes for: **Venue**

Attribute Name	Description (where the meaning is not obvious)
venue Id	A unique way to identify the venue.
venue location	The address of the venue.
venue description	The details of the venue.

Vendor

The user chooses vendor according to his/her need.

<p align="center">Attributes for: **Vendor**</p>

Attribute Name	Description (where the meaning is not obvious)
vendor Id	A unique way to identify the vendor.
vendor description	The details of the vendor.