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(A U T O N O M O U S)

DREAM KNOT

23MCA245 - Mini Project

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COMPUTER APPLICATIONS**



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ABSTRACT

Dream Knot is a web-based application designed to simplify and enhance the wedding planning process for couples and wedding planners. It provides a single platform for handling everything from guest lists and budgets to coordinating with vendors and managing tasks. The goal is to reduce stress and ensure a smooth planning experience. *Dream Knot* features an easy-to-use interface, customizable options, and robust data security to meet the needs of both couples and wedding professionals. With *Dream Knot*, couples can bring their dream wedding to life, and planners can efficiently handle multiple events while providing exceptional client service.

Roles:

1. Couples:

Plan and manage your wedding using the platform, including booking vendors, managing budgets, and tracking tasks.

2. Wedding Planners:

Access tools to coordinate and manage multiple weddings, communicate with clients and vendors, and track planning progress.

3. Vendors:

Manage your profiles, update availability, and handle bookings for services such as makeup, decor, and catering.

4. Administrators:

Oversee the system's functionality, manage user accounts, and ensure smooth operation and data integrity.

Modules:

1. Booking System:

- Easily book appointments with wedding planners, venues, makeup artists, decorators, and other service providers.
- Vendor Profiles: Access comprehensive information about each vendor, including services, pricing, reviews, and availability.

2. **Event Management:**

- **Wedding Venue Booking:** Find and book venues with detailed descriptions and availability.
- **Food and Catering:** Organize catering options, customize menus, and make bookings.
- **Guest Management:** Manage guest lists, RSVPs, and seating arrangements effortlessly.

3. **Planning Tools:**

- **My Checklist:** Personalized checklists to keep track of tasks and deadlines.
- **E-Invites:** Create, send, and manage digital invitations with tracking and RSVP management.

4. **Financial Management:**

- **Budget Tracking:** Monitor wedding expenses with detailed financial reports and budget planning tools.

5. **User Reviews and Ratings:**

- **Feedback System:** Users can leave reviews and ratings for vendors.
- **Vendor Ratings:** Overall ratings help other users make informed decisions.

6. **Service Provider:**

- **Service Provider Management:** Allows service providers (e.g., makeup artists, decorators) to manage their profiles and services.
- **Profile Management:** Service providers can update their profiles, including service rates, availability, and areas of expertise.

7. **Searching and Filtering:**

- **Categorization:** Vendors can be categorized by type (e.g., venue, catering) and price range.

8. **Chatbot Feature:**

- **Real-Time Support:** A chatbot to answer user questions and provide assistance in real-time.
- **Automated Suggestions:** Provides instant recommendations and information based on user queries.

Future Implementations:

1. Get Personalized Suggestions:

- Discover the Best Vendors: Suggest wedding vendors such as photographers and makeup artists based on your preferences and previous choices.
- Find Tailored Design Ideas: Recommending wedding themes and invitation styles that align with your preferences.

2. Effortless Budget Management:

- Track Your Expenses: Predict future expenses and suggest ways to save money based on your spending patterns, provides tips for staying within your budget by analyzing your spending.

3. Vendor Feedback Analysis:

- Summarized Feedback: Summarizes what people are saying about vendors to help you make better choices.

Technology Used:

- **Front-End:** HTML5, CSS3, and JavaScript frameworks (React :- for main project).
- **Back-End:** Node.js, Python.
- **Database Management Systems:** MySQL/MongoDB.