



BD Wedding Management System

A Modern Solution for Wedding Planning in Bangladesh

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Proposal Details

Project Title

BD Wedding Management System

Date

October 26, 2023

Client Name

Sabuj Chandra Paul

Project Team

Md. Istiak Hussain, Urmi Ghose, Jannat Arbin Chowdhury Omi

Project Overview: Streamlining Wedding Planning

The BD Wedding Management System is a comprehensive platform designed to revolutionize wedding planning in Bangladesh. It simplifies the entire process for both administrators and clients, offering a seamless and integrated experience.

1

Admin Dashboard

Centralized control for efficient management of all operations.

2

Client Frontend

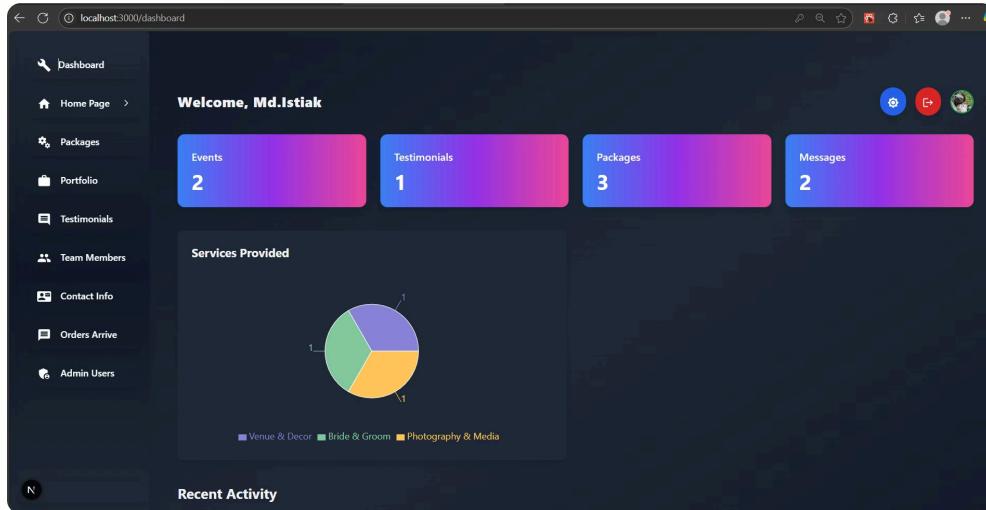
Intuitive interface for clients to plan and customize their dream wedding.

3

Server Backend

Robust foundation ensuring data security and smooth functionality.

Admin Dashboard: Full Control at Your Fingertips



Key Features

- User and Vendor Management
- Booking and Event Scheduling
- Content Management System (CMS)
- Financial Overview and Reporting

Tech Stack

- React.js for dynamic UI
- Node.js for server-side logic

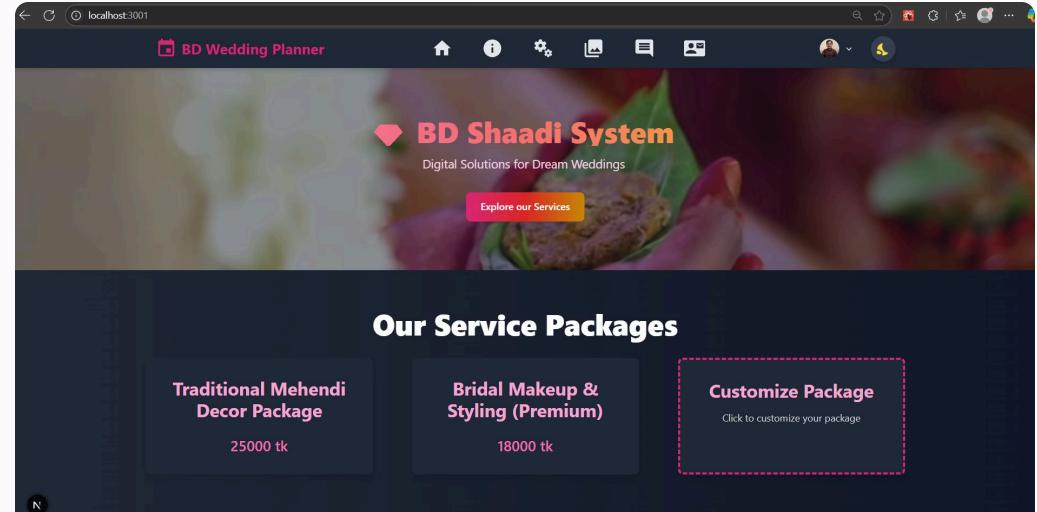
Client Frontend: Your Dream Wedding, Simplified

Key Features

- Personalized Wedding Planning
- Vendor Directory and Booking
- Guest List Management
- Budget Tracker

Tech Stack

- React.js for interactive user experience
- Tailwind CSS for responsive design



Server Backend: The Powerhouse



Key Features

- Secure API Endpoints
- Data Storage and Retrieval
- Authentication and Authorization
- Email Services

Tech Stack

- Node.js and Express.js for robust APIs
- MongoDB for flexible database management

Home page managing from admin dashboard

The screenshot shows the 'Hero Section Management' page of an admin dashboard. On the left is a sidebar with links: Dashboard, Home Page (selected), Packages, Portfolio, Testimonials, Team Members, Contact Info, Orders Arrive, and Admin Users. The main area has sections for 'Title' (with a rich text editor containing 'BD Shaadi System'), 'Subtitle' (with a rich text editor containing 'Digital Solutions for Dream Weddings'), 'Call to Action Text' (with a rich text editor containing 'Explore our Services'), and 'Background Video' (a video player showing a floral scene). A 'Save' button is at the bottom.

Home sections

For rich text → draft.js

import video here and saved in local storage with multer.

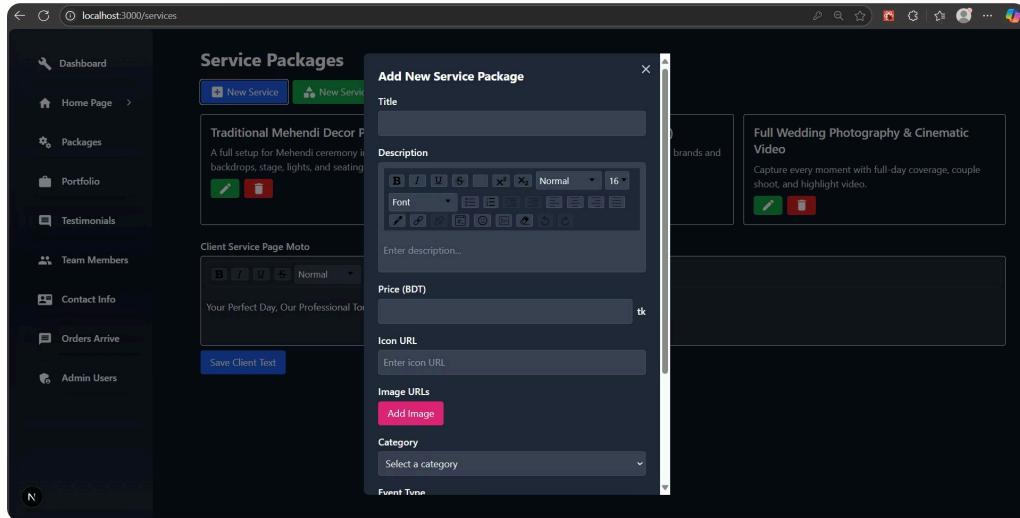
The screenshot shows the client home page for 'BD Wedding Planner'. At the top is a banner with 'BD Shaadi System' and 'Digital Solutions for Dream Weddings'. Below it is a section titled 'Our Service Packages' with three options: 'Traditional Mehendi Decor Package' (25000 tk), 'Bridal Makeup & Styling (Premium)' (18000 tk), and a 'Customize Package' button.

Client home sections

Return data from database.

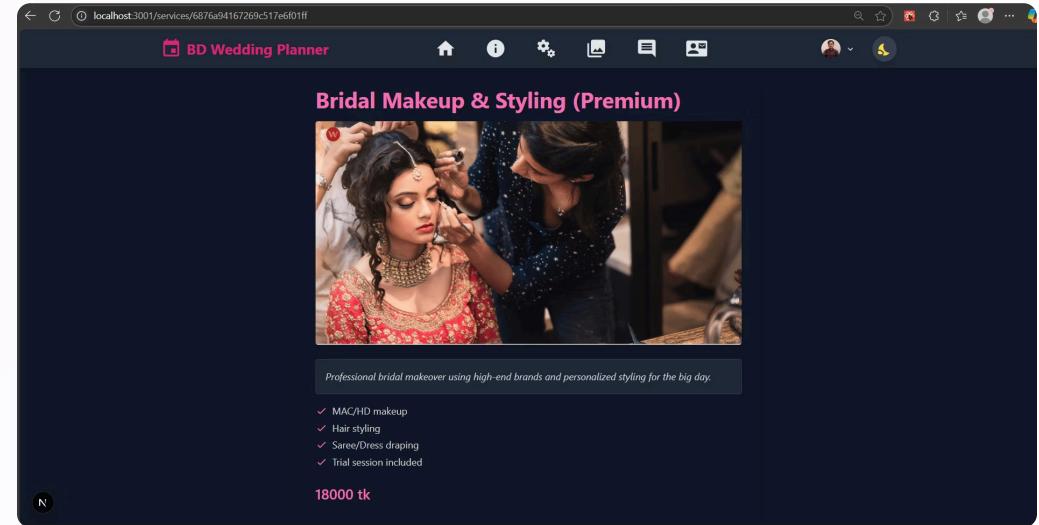
Customize Package option also available.

Service packages:



Adding services

Crud application for services.



Client packages rendering

access to booking services.

Testimonials managing

The screenshot shows a dark-themed web application interface. On the left is a sidebar with navigation links: Dashboard, Home Page, Packages, Portfolio, Testimonials (which is the active link), Team Members, Contact Info, Orders Arrive, and Admin Users. The main content area has a title 'Testimonials' and a table with one row:

Client Name	Email	Message	Display	Actions
Md.Istiak Hussain adil	istiakadi43@gmail.com	hi	<input checked="" type="checkbox"/>	<button>Delete</button>

Controlling Testimonial Cards

Here admin has two option:

1.Display Cards

2.Delete cards

The screenshot shows a dark-themed web application interface titled 'BD Wedding Planner'. The main content area has a title 'Client Testimonials' and a sub-section 'Add Testimonial'. It displays a testimonial card for 'Md.Istiak Hussain adil' with the message 'hi'. Below this is a rich text editor with a toolbar and a placeholder 'Enter your testimonial here...'. At the bottom right of the editor are 'Cancel' and 'Submit' buttons. The footer contains links for 'About Us', 'Quick Links' (About, Services, Portfolio, Contact), and social media icons for Facebook, Twitter, Instagram, and LinkedIn.

Testimonial adding:

1.Rich text available for adding text.

2.Send this as admin email by nodemailer.

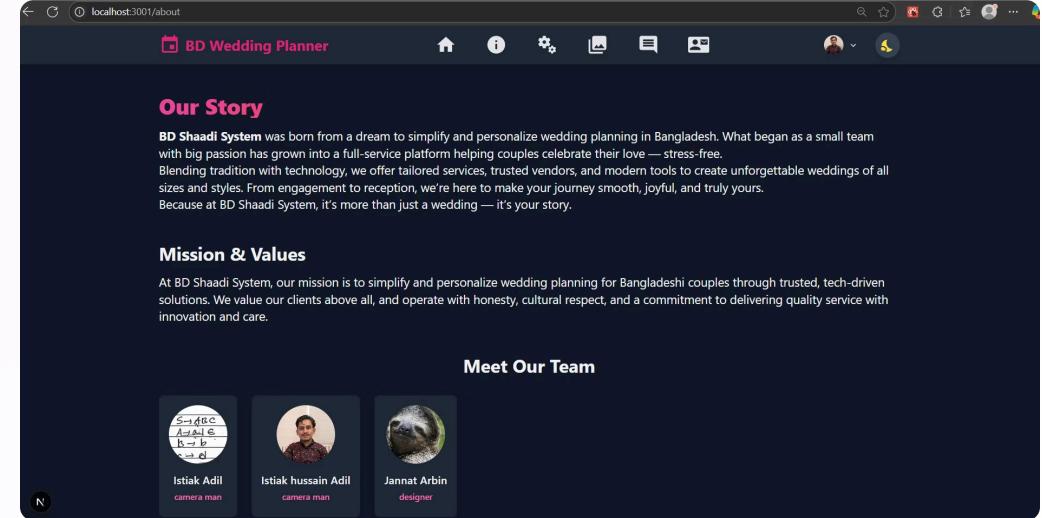
Team members :

The screenshot shows a dark-themed web application interface titled "Team Members Management". On the left, a sidebar menu includes "Dashboard", "Home Page", "Packages", "Portfolio", "Testimonials", "Team Members" (which is the active tab), "Contact Info", "Orders Arrive", and "Admin Users". The main content area is titled "Add a New Team Member" and contains the following fields:

- Full Name *: Input field with placeholder "Enter full name".
- Position / Role *: Input field with placeholder "Enter role or position".
- Short Biography *: A rich text editor with a toolbar.
- Write a brief bio: Input field with placeholder "Write a brief bio".
- Facebook Profile URL: Input field with placeholder "https://facebook.com/username".
- Instagram Profile URL: Input field with placeholder "https://instagram.com/username".
- Profile Photo:
 - Choose File: Input field with placeholder "No file chosen".
 - Display this member on the team page
- Add Member

Importing team member information:

1.CRUD operations for admin details.



Displaying in about page.

Contact Page

This screenshot shows the 'Contact Info / Settings Management' page. On the left, a sidebar lists various administrative options: Dashboard, Home Page, Packages, Portfolio, Testimonials, Team Members, Contact Info, Orders Arrive, and Admin Users. The main area is titled 'Contact Information' and contains fields for 'Phone Numbers' (01704080389) and 'Email' (istiaakadil@gmail.com). Below these are 'Business Hours' for each day of the week, with specific times set for Monday through Saturday. A blue button labeled 'Add Phone Number' is visible.

This screenshot shows the 'Contact Us' page for 'BD Wedding Planner'. It features a form for sending a message, including fields for Name (Md.Istiaak Hussain adil), Email (istiaakadil43@gmail.com), and a rich-text editor for the message body. To the right of the form is a sidebar with 'Contact Information' details: Phone (01704080389), Email (istiaakadil@gmail.com), Location (SubidBazar, Bangladesh), and Business Hours (Monday: 09:00 - 18:00, Tuesday: 09:00 - 18:00, Wednesday: 09:00 - 18:00, Thursday: 09:00 - 18:00, Saturday: 09:00 - 18:00, Sunday: 09:00 - 18:00, Friday: 14:00 - 20:00). At the bottom right is a Google Map showing the location of 'Nashaganj'.

Contact page content

Managing contact page informations like Business hours.Map etc

Contact page:

Sending Message.

Display office hours.

Live Location.

Inquiries:

The screenshot shows a dark-themed web application interface. On the left is a sidebar with navigation links: Dashboard, Home Page, Packages, Portfolio, Testimonials, Team Members, Contact Info, Orders Arrive, and Admin Users. The main content area is titled "Messages / Inquiries Management". It displays two booking entries. The first entry is for "Bridal Makeup & Styling (Premium)" from "Md.Istiak Hussain adil (istiakadi43@gmail.com)" with phone "+8801704080389". The second entry is for "Wedding Decoration" from "Md.Istiak Hussain adil (istiakadi43@gmail.com)" with phone "+8801704080389". Both entries show an "Event Date" of 7/30/2025 and a "Status" of "pending". A "Special Requests" section indicates "Emergency need" and "Unread". Payment details include "Payment Method: bkash" and "Payment Number/Account: 01704080389". Below the entries are buttons for "Pending", "Received", "Cancelled", and "Completed".

Orders information

Order details

Update status.

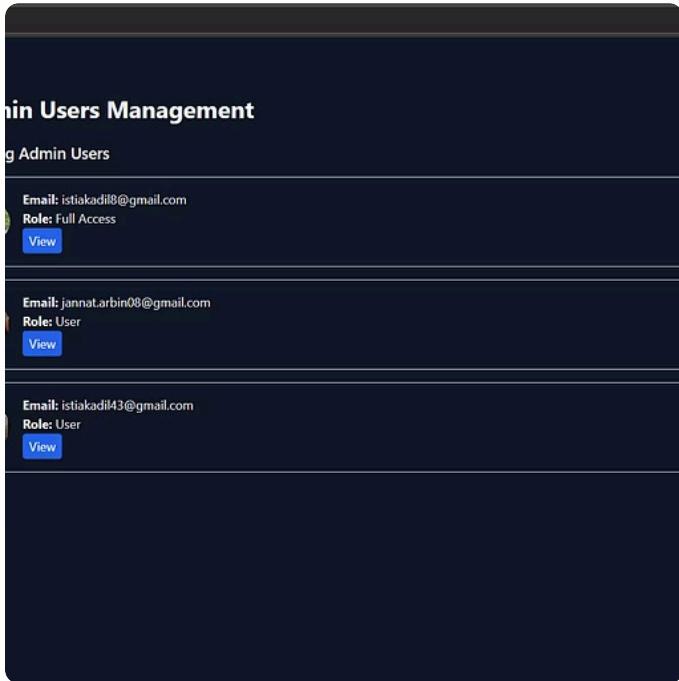
The screenshot shows a PDF document titled "Booking Details". The document contains the following booking information:

Booking ID:	6876b33467269c517e6f03d8
Package ID:	6876a94167269c517e6f01ff
Package Name:	Bridal Makeup & Styling (Premium)
Name:	Md.Istiak Hussain adil
Email:	istiakadi43@gmail.com
Phone:	+8801704080389
Event Date:	7/30/2025
Special Requests:	Emergency need
Payment Method:	bkash
Payment Account No.:	01704080389
Status:	pending
Created At:	7/16/2025, 1:59:48 AM

Display order information

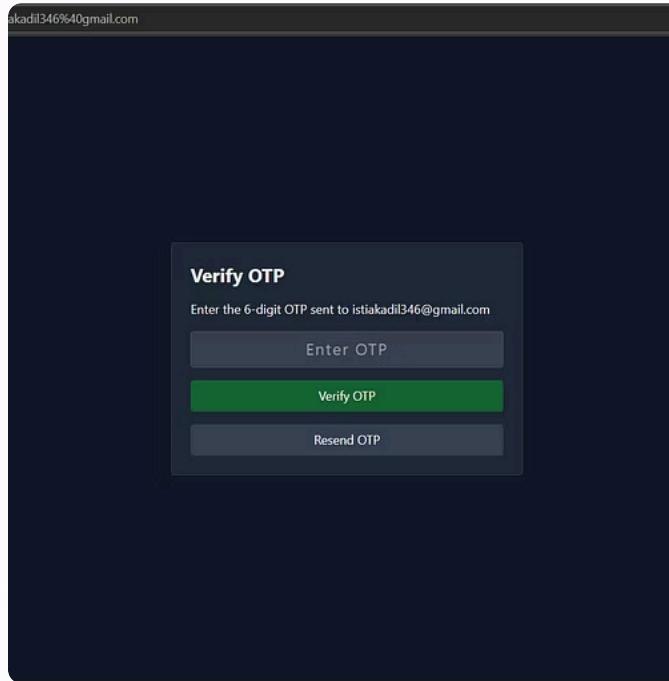
Using jsPDF, can download the booking details as pdf format.

New Admin including



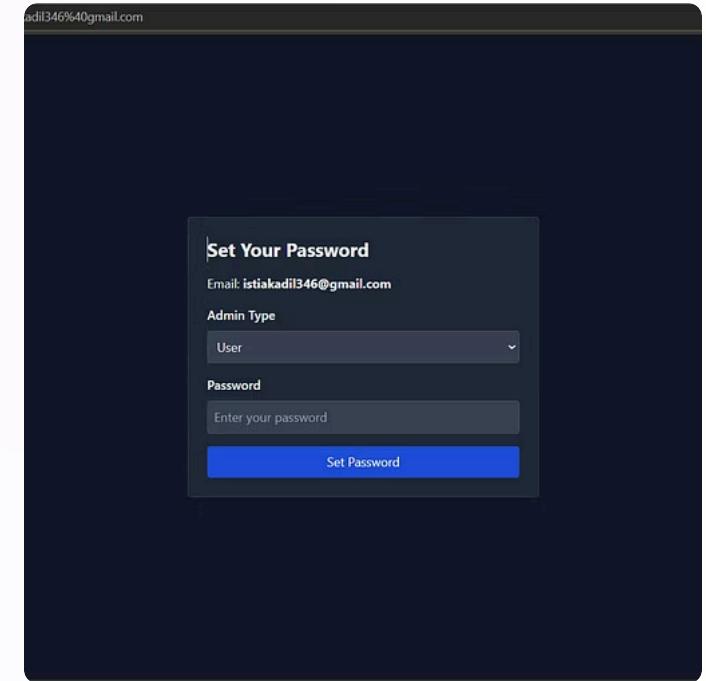
Create New Admin

Only full access role based admin can add new admin.



Verify otp

Using nodemailer , otp is verifying.



Giving role.

From here ,initial password and other informations are sending to verified email.

The screenshot shows the Client Dashboard of the BD Wedding Planner application. At the top, there's a header bar with the title 'BD Wedding Planner' and various navigation icons. Below the header, the main content area is divided into two sections: 'Personal Information' and 'Order Information'.
Personal Information: This section displays a user profile picture of a man, his name (Md.Istaik Hussain adil), phone number (+8801704080389), and address (Sylhet,Bangladesh).
Order Information: This section contains a table with two rows of order details.

Package ID	Package Name	Event Date	Payment Method	Payment Account Number	Status	Created At	Download PDF
6876a94167269c517e6f01ff	Bridal Makeup ...	7/30/2025	bkash	01704080389	pending	7/16/2025, 1:59:48 AM	Download
686e74759b3f708c1757fa39	Wedding Deco...	7/24/2025	bkash	01300000000	pending	7/9/2025, 11:52:22 PM	Download

Client Dashboard

1. Profile

2. Order Details

Core Objectives & Key Features



Dynamic Website Sections

Easily update and manage content with a comprehensive CMS.



CRUD Operations

Seamless creation, reading, updating, and deletion of data.



Google Maps Integration

Locate venues and vendors with interactive maps.



Social Media Integration

Share plans and moments effortlessly across platforms.



Robust Authentication

Secure user logins and data protection.



Dark Mode Support

Enhanced user comfort with a sleek, low-light interface.

Technology Stack: Powering Your Wedding Experience

Frontend	React.js, Tailwind CSS, Material-UI
Backend	Node.js, Express.js
Database	MongoDB
Authentication	JSON Web Tokens (JWT)
Email Service	Nodemailer
File Upload	Multer

Challenges & Learnings: Integrating diverse APIs and ensuring real-time synchronization were key challenges. We learned to prioritize modularity and robust error handling for scalability.

Conclusion & Team

The BD Wedding Management System offers an elegant, scalable, and user-friendly solution for modern wedding planning. Its robust design and comprehensive features ensure a seamless experience.



Md. Istiak Hussain

Project Lead & Full-stack Developer



Urmi Ghose

Frontend Specialist & UI/UX Designer



Jannat Arbin Chowdhury Omi

Backend Architect & Database Administrator