



BD Wedding Management System

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Prepared For: Sabuj Chandra Paul

1. Introduction

The BD Wedding Management System is a web-based platform crafted to streamline and modernize the wedding planning process in Bangladesh. It offers tools for both administrators and clients, ensuring a smooth experience from planning to execution.

2. Background of the Project

Planning weddings in Bangladesh often involves multiple vendors, scattered communications, and overwhelming logistics. Our motivation is to digitize and centralize the management process, enhancing organization, communication, and client satisfaction.

3. Objectives

- Streamline the wedding management workflow
- Provide dynamic service and portfolio management
- Create a responsive and user-friendly interface
- Ensure secure authentication and admin control

4. Scope

The system includes an admin dashboard, client-facing website, and secure backend. It handles bookings, portfolios, testimonials, and user profiles. However, payment gateway and mobile app versions are out of scope for this phase.

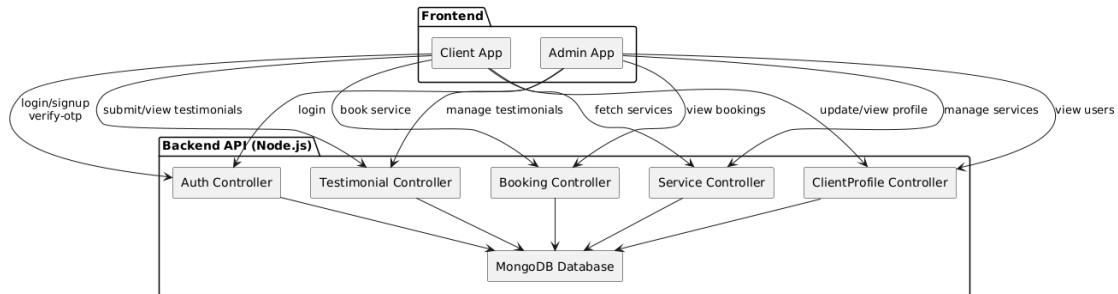
5. Literature Review / Related Work

Several wedding planning websites exist globally, like The Knot and WeddingWire. Locally, services like BDWed and BiyeBazaar offer listings, but lack full-featured dashboard and content control. Our system incorporates ideas from CMS and modern design patterns.

6. Methodology

- Frontend: React (Next.js), Tailwind CSS, MUI
- Backend: Node.js, Express
- Database: MongoDB (Mongoose)
- Authentication: JWT, Passport
- Email: Nodemailer, SendGrid
- Uploads: Multer

Development was done in agile sprints with GitHub for version control.



7. Implementation / Development

The client interface includes dynamic pages: Home, Services, Portfolio, Testimonials. Admin dashboard allows real-time content editing, dark mode, and secure login. MongoDB schema manages events, users, and testimonials.

(Screenshots and sample code would be added here.)

Admin Pages:

The image shows two screenshots of a web application's admin interface.

Top Screenshot (Admin Login):

A dark-themed login form titled "Admin Login". It contains fields for "Email Address" (filled with "istiakadil@gmail.com") and "Password" (filled with "*****"). A purple "Log In" button is at the bottom.

Bottom Screenshot (Admin Dashboard):

A dark-themed dashboard with a sidebar on the left containing navigation links: Dashboard, Home Page, Packages, Portfolio, Testimonials, Team Members, Contact Info, Orders Arrive, and Admin Users. The main area displays a welcome message "Welcome, Md.istiak" and four cards: Events (2), Testimonials (1), Packages (3), and Messages (2). Below this is a pie chart titled "Services Provided" showing the distribution of services: Venue & Decor (purple), Bride & Groom (green), and Photography & Media (yellow).

localhost:3000/home/hero-section

Hero Section Management

Title

BD Shaadi System

Subtitle

Digital Solutions for Dream Weddings

Call to Action Text

Explore our Services

Background Video

Choose File No file chosen

Save

localhost:3000/home/footer

Contact Info

Address

Hetimganj,Sylhet,Bangladesh

Email

istiakadil346@gmail.com

Phone

01900000000

Social Media Links

Facebook

<https://www.facebook.com/istiak.adil.2024>

Twitter

<https://x.com/istiakadil>

Instagram

https://www.instagram.com/9li9_4d1/

LinkedIn

https://www.linkedin.com/in/9li9_4d1/

Save

The image displays two screenshots of a web application interface, likely a management system for service providers, running on localhost:3000/services.

Screenshot 1: Service Packages

This screenshot shows the main service packages page. On the left is a dark sidebar with navigation links: Dashboard, Home Page, Packages, Portfolio, Testimonials, Team Members, Contact Info, Orders Arrive, and Admin Users. The main content area has a title "Service Packages" and two service cards:

- Traditional Mehendi Decor Package**
A full setup for Mehendi ceremony including floral backdrops, stage, lights, and seating arrangements.
Edit and Delete icons.
- Bridal Makeup & Styling (Premium)**
Professional bridal makeover using high-end brands and personalized styling for the big day.
Edit and Delete icons.

Below these cards is a "Client Service Page Moto" section with a rich text editor and the placeholder text "Your Perfect Day, Our Professional Touch. 😊". A "Save Client Text" button is at the bottom.

Screenshot 2: Add New Service Package

This screenshot shows a modal dialog titled "Add New Service Package". It contains the following fields:

- Title**: A text input field.
- Description**: A rich text editor with a toolbar and a placeholder "Enter description...".
- Price (BDT)**: A text input field containing "tk".
- Icon URL**: A text input field with a placeholder "Enter icon URL".
- Image URLs**: A button labeled "Add Image".
- Category**: A dropdown menu with a placeholder "Select a category".
- Event Type**: A dropdown menu with a placeholder "Select an event type".

The background of the modal shows the same service packages listed as in Screenshot 1.

localhost:3000/portfolio

Dashboard

Home Page >

Packages

Portfolio

Testimonials

Team Members

Contact Info

Orders Arrive

Admin Users

+ New Category Categories

New Event

Name: Gaye holud

Category: Select a category

Title: Holud Shondha

Images URLs: Add Image

Description:

Enter description

Cancel Save

localhost:3000/testimonials

Dashboard

Home Page >

Packages

Portfolio

Testimonials

Team Members

Contact Info

Orders Arrive

Admin Users

Testimonials

Client Name	Email	Message	Display	Actions
Md.Istiak Hussain adil	istiakadil43@gmail.com	hi	<input checked="" type="checkbox"/>	Delete

[localhost:3000/team](#)

Team Members Management

Add a New Team Member

Full Name *

Position / Role *

Short Biography *

Facebook Profile URL

Instagram Profile URL

Profile Photo

Choose File No file chosen

Display this member on the team page

Add Member

[localhost:3000/team](#)

Manage About Page Content

Our Story

BD Shaadi System was born from a dream to simplify and personalize wedding planning in Bangladesh. What began as a small team with big passion has grown into a full-service platform helping couples celebrate their love — stress-free.

Blending tradition with technology, we offer tailored services, trusted vendors, and modern tools to create unforgettable weddings of all sizes and styles. From engagement to reception, we're here to make your journey smooth, joyful, and truly yours.

Because at BD Shaadi System, it's more than just a wedding — it's your story.

Mission & Values

At BD Shaadi System, our mission is to simplify and personalize wedding planning for Bangladeshi couples through trusted, tech-driven solutions. We value our clients above all else and operate with honesty, cultural respect, and a commitment to delivering quality service with innovation and care.

Save About Content

Existing Team Members

Name	Role	Bio	Image	Facebook	Instagram	Visibility	Action
Istiaq Adil	camera man	this is me		Facebook	Instagram	Visibility	Edit

localhost:3000/contact

Contact Info / Settings Management

Contact Information

Phone Numbers
01704080389

Add new phone number Add Phone Number

Email
istiaakadil8@gmail.com

Business Hours

Monday	09:00 AM	-	06:00 PM	x
Tuesday	09:00 AM	-	06:00 PM	x
Wednesday	09:00 AM	-	06:00 PM	x
Thursday	09:00 AM	-	06:00 PM	x
Saturday	09:00 AM	-	06:00 PM	x
Sunday	09:00 AM	-	06:00 PM	x
Friday	02:00 PM	-	08:00 PM	x

localhost:3000/messages

Messages / Inquiries Management

Booking: Bridal Makeup & Styling (Premium)
From: Md.Istiaak Hussain adil (istiaakadil43@gmail.com)
Phone: +8801704080389
Event Date: 7/30/2025
Special Requests:
Emergency need
Status: pending
Payment Method: bkash
Payment Number/Account: 01704080389

Pending Received Cancelled Completed

Booking: Wedding Decoration77xbxbxb
From: Md.Istiaak Hussain adil (istiaakadil43@gmail.com)
Phone: +8801704080389
Event Date: 7/24/2025
Special Requests:
emergency
Status: pending

The image shows two screenshots of a web application interface, likely a dashboard for managing users.

Screenshot 1: Admin Users Management

The URL is `localhost:3000/adminUsers`. The page title is "Admin Users Management". On the left, there is a sidebar with the following menu items:

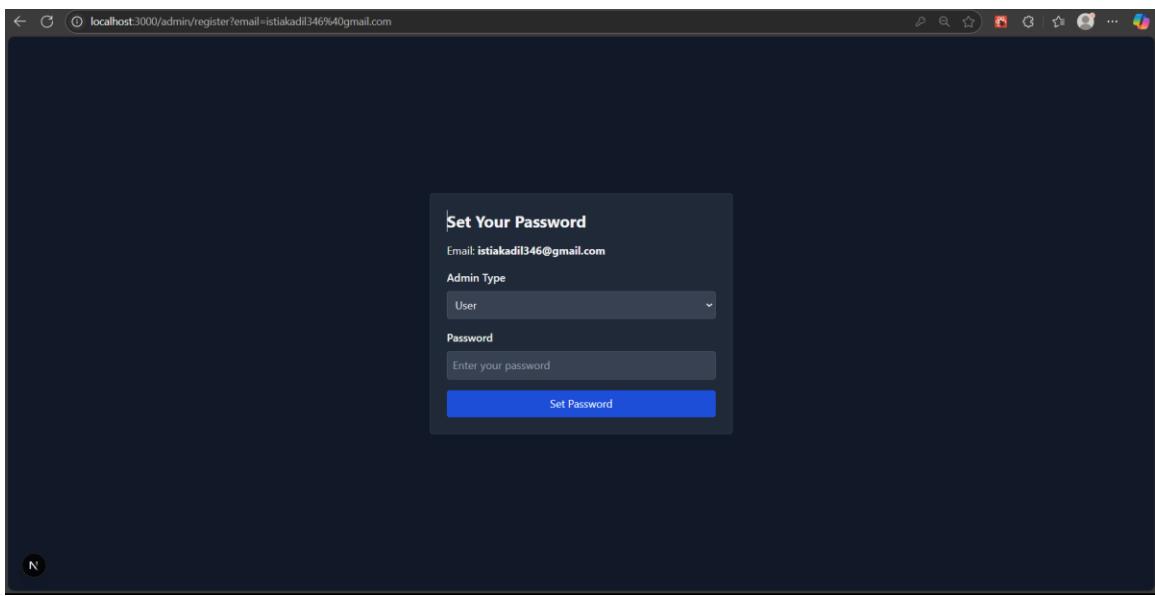
- Dashboard
- Home Page
- Packages
- Portfolio
- Testimonials
- Team Members
- Contact Info
- Orders Arrive
- Admin Users

The main content area is titled "Existing Admin Users" and lists three users:

- Email: istiakadil@gmail.com, Role: Full Access, View button
- Email: jannat.arbin08@gmail.com, Role: User, View button
- Email: istiakadil3@gmail.com, Role: User, View button

Screenshot 2: Verify OTP

The URL is `localhost:3000/admin/verify-otp?email=istiakadil346%40gmail.com`. A modal dialog box is displayed with the title "Verify OTP". It contains the following text: "Enter the 6-digit OTP sent to istiakadil346@gmail.com". Below this is an input field labeled "Enter OTP" and a green "Verify OTP" button. At the bottom of the dialog is a "Resend OTP" button.



Client Pages:

The screenshot displays two client pages from the BD Shaadi System website.

Top Page (Service Packages):

- BD Shaadi System** logo with tagline "Digital Solutions for Dream Weddings".
- Explore our Services** button.
- Our Service Packages** section:
 - Traditional Mehendi Decor Package**: 25000 tk
 - Bridal Makeup & Styling (Premium)**: 18000 tk
 - Customize Package**: Click to customize your package

Bottom Page (Event Gallery):

- Event Gallery** heading.
- All** and **Gaye holud** filters.
- Image thumbnails for various events, including "Mehendi Ceremony" and "Wedding".
- What Our Clients Say** section featuring a testimonial from **Md.Istiak Hussain adil**.

localhost:3001/about

BD Wedding Planner

Our Story

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Mission & Values

At BD Shaadi System, our mission is to simplify and personalize wedding planning for Bangladeshi couples through trusted, tech-driven solutions. We value our clients above all, and operate with honesty, cultural respect, and a commitment to delivering quality service with innovation and care.

Meet Our Team

Istiak Adil
camera man

Istiak hussain Adil
camera man

Jannat Arbin
designer

localhost:3001/services

BD Wedding Planner

Our Services

Your Perfect Day, Our Professional Touch. 😊

Traditional Mehendi Decor Package

Bridal Makeup & Styling (Premium)

Full Wedding Photography & Cinematic Video

About Us

Quick Links

Contact

Follow Us

localhost:3001/packages/6876a94167269c517e6f01ff

Name
Md.Istiak Hussain adil

Email
istiakadil43@gmail.com

Phone
+8801704080389

Event Date
mm/dd/yyyy

Special Requests
Enter special requests here...

Account Number
Enter your account number

Pay With

Submit Booking

localhost:3001/services/6876a94167269c517e6f01ff

BD Wedding Planner

Bridal Makeup & Styling (Premium)



Professional bridal makeover using high-end brands and personalized styling for the big day.

- ✓ MAC/HD makeup
- ✓ Hair styling
- ✓ Saree/Dress draping
- ✓ Trial session included

18000 tk

localhost:3001/services/6876a9416/269c517e6f01ff

Book this service

Name
Md.Istiak Hussain adil

Email
istiakadi43@gmail.com

Phone
+8801704080389

Event Date
mm/dd/yyyy

Special Requests

Enter special requests here...

Account Number
Enter your account number

Pay With

VISA CREDIT CARD AMERICAN EXPRESS iKash নগদ PAYPAL

Submit Booking

BD Wedding Planner

Mehedi Shondha

Turmeric ceremony with friends and family.
Includes stage, decorations, traditional food, music, and dress.

RADIT'S
Mehendi Ceremony

About Us
This is the footer of our BD wedding management footer

Portfolio Contact Phone: +880000000000

Instagram LinkedIn

localhost:3001/testimonials

BD Wedding Planner

Client Testimonials

Add Testimonial

Md.Istiak Hussain adil

Testimonial

Enter your testimonial here...

Cancel Submit

About Us

This is the footer of our BD wedding management footer

Quick Links

- About
- Services
- Portfolio
- Contact

Contact

Hetingonj,Sylhet,Bangladesh

Email: istiakadil8346@gmail.com

Phone: 01900000000

Follow Us

Facebook Twitter Instagram LinkedIn

localhost:3001/contact

BD Wedding Planner

Contact Us

Name

Md.Istiak Hussain adil

Email

istiakadil8346@gmail.com

Message

Enter your message here...

Send Message >

Contact Information

Phone: 01704080389

Email: istiakadil8@gmail.com

Location: SubidBazar, Bangladesh

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

Nashaganj ... View larger map

Zakiganj,Sylhet,Bangladesh

Map Data Terms Report a map error

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 titled 'Client Dashboard'. It contains two sections: 'Personal Information' and 'Order Information'.
Personal Information: This section displays a profile picture of a man and some basic details:
Name: Md.Istiaik Hussain adil
Phone: +8801704080389
Address: Sylhet,Bangladesh
Order Information: This section shows a table of orders with the following columns: Package ID, Package Name, Event Date, Payment Method, Payment Account Number, Status, Created At, and Download PDF.

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	
686e74759b3f08c1757fa39	Wedding Deco...	7/24/2025	bkash	01300000000	pending	7/9/2025, 11:52:22 PM	

8. Results / Analysis

The deployed system met all project objectives: responsive UI, admin features, dark mode, authentication, and service browsing. Admins can manage all content without touching code.

9. Challenges Faced

- Integrating secure JWT login
- Dark mode dynamic theming
- Synchronizing frontend-backend data flow
- Image preview with uploads

Challenges were resolved through team pair programming and continuous testing.

10. Conclusion

BD Wedding Management System delivers a scalable and visually elegant solution tailored for wedding organizers. With full admin control and client interaction, it enhances digital transformation in event planning.

11. Future Scope

- Integration with payment gateways
- Mobile app version for Android/iOS
- Real-time chat for vendors and clients
- AI recommendations for budget-based planning