

# Cakes by Dia Website - Project Summary

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## Overview

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A beautiful, professional, and elegant website for **Cakes by Dia**, a premium cake business specializing in sophisticated wedding and celebration cakes.



## Implemented Features

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### 1. Brand Identity Implementation

- **Colors:**
  - Primary Mauve: #A94A58
  - Secondary Taupe: #AE8877
  - Primary Cream: #DDC0A8
  - Secondary Pink: #F3DBDF
- **Typography:**
  - Cinzel Decorative (titles) - Elegant serif for headings
  - Questrial (subtitles) - Clean sans-serif for subheadings
  - Montserrat (body text) - Modern sans-serif for content

### 2. Multi-Language Support (ES/PT)

- Spanish (ES) as default language
- Portuguese (PT) as secondary language
- Persistent language selection stored in browser localStorage
- Easy language switcher in navigation bar
- All content translated for both languages

### 3. Website Sections

#### Hero Section

- Eye-catching landing with animated elements
- Brand colors and typography
- Call-to-action button to gallery

#### About Section

- Brand story and values
- Three key attributes: Sophisticated, Modern, Elegant
- Animated content with scroll triggers

#### Gallery Section

- Masonry grid layout with 15 professional cake images
- Hover effects and click-to-expand lightbox
- Responsive design for all screen sizes
- Images from professional cake designers

## Menu Section

- Four specialty categories:
- Wedding Cakes
- Celebration Cakes
- Custom Designs
- Available Flavors
- No pricing information (as requested)
- Beautiful card layouts with icons

## Contact Section

- Full-featured contact form with:
- Name, Email, Phone (optional), Message fields
- Form validation
- Icons for each field
- Saves submissions to PostgreSQL database
- Opens Gmail compose window with pre-filled data
- Success/error feedback messages
- Direct email link: [contato@cakesbydia.com](mailto:contato@cakesbydia.com)

## Footer

- Simple, minimalist design
- Brand tagline
- Copyright information

## 4. Technical Features

### Responsive Design

- Mobile-first approach
- Works seamlessly on mobile, tablet, and desktop
- Hamburger menu for mobile navigation

### Animations

- Framer Motion for smooth transitions
- Scroll-triggered animations
- Hover effects on cards and buttons
- Parallax elements in hero section

### Database Integration

- PostgreSQL database
- Prisma ORM for type-safe database queries
- Contact form submissions stored with:
- Name, Email, Phone, Message
- Language preference
- Timestamp

### Performance Optimizations

- Next.js Image component for optimized images
- Static generation where possible
- Proper font loading strategies

- Lazy loading for images

## 5. API Routes

- `/api/contact` - POST endpoint for contact form submissions
- Validates required fields
- Saves to database
- Returns success/error responses



## Deployment

The website is built and ready for deployment. A checkpoint has been saved with all the code and database schema.



## Project Structure

```
cakes_by_dia_website/  
├── nextjs_space/  
│   ├── app/  
│   │   ├── api/contact/  
│   │   ├── layout.tsx  
│   │   ├── page.tsx  
│   │   └── globals.css  
│   ├── components/  
│   │   ├── navigation.tsx  
│   │   ├── hero-section.tsx  
│   │   ├── about-section.tsx  
│   │   ├── gallery-section.tsx  
│   │   ├── menu-section.tsx  
│   │   ├── contact-section.tsx  
│   │   ├── footer.tsx  
│   │   ├── client-wrapper.tsx  
│   │   └── ui/  
│   ├── lib/  
│   │   └── language-context.tsx  
│   ├── prisma/  
│   │   └── schema.prisma  
│   ├── public/  
│   │   ├── favicon.svg  
│   │   ├── og-image.png  
│   │   └── cakes-gallery.json  
│   └── .env (database configuration)
```



## Design Highlights

1. **Elegant Color Palette:** Soft mauve, taupe, cream, and pink tones create a sophisticated and warm atmosphere
2. **Beautiful Typography:** Three complementary fonts create visual hierarchy
3. **Smooth Animations:** Scroll-triggered animations and hover effects enhance user experience
4. **Professional Gallery:** High-quality cake images in masonry layout with lightbox
5. **User-Friendly Forms:** Clear labels, icons, and validation for easy contact

## Contact Form Functionality

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When a user submits the contact form:

1. Form data is validated
2. Submission is saved to PostgreSQL database
3. Gmail compose window opens with pre-filled data to contato@cakesbydia.com
4. Success message is displayed to the user

## Language Support

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The website supports:

- **Spanish (ES)** - Default language
- **Portuguese (PT)** - Secondary language

Users can switch languages using the language selector in the navigation bar, and their preference is saved for future visits.

## All Requirements Met

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-  Brand identity from PDF implemented
-  Professional cake images in gallery
-  About section (expandable with custom content)
-  Menu section without pricing
-  Contact form with Gmail integration and database storage
-  Multi-language support (ES/PT)
-  Responsive design
-  PostgreSQL database
-  Elegant, professional aesthetic

## Next Steps

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The website is ready for preview and deployment. You can:

1. Preview the website using the dev server
2. Deploy to production using the Deploy button
3. Add custom content to the About section
4. Add more cake images to the gallery as needed

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**Built with:** Next.js 14, React 18, TypeScript, Tailwind CSS, Prisma, PostgreSQL, Framer Motion