

# Custom Wedding Website

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My goal is to design a magical and fully interactive wedding website that brings the bride's vision to life through theme-driven visuals, real-time updates, secure guest access, and collaborative planning tools.

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## Summary

For this project, I'm building a custom wedding website for my best friend, who recently asked me to be her Maid of Honor. The site will act as the digital hub for her wedding—hosting RSVP, gift registry, guest info, a live-updating schedule, and a collaborative photo gallery.

The project will be co-designed with the bride, beginning with a shared vision board that defines the structure and style of the site. Guests will need a special invite code to access the site, adding a layer of security and exclusivity. The website will alert the bride and me when someone RSVPs, and the gift registry will automatically hide purchased items to prevent duplicates—without revealing what was selected.

Other planned features include an interactive day-of timeline, a “Meet the Crew” page for wedding party introductions, and a gallery for uploading and sharing photos. The visual design will draw inspiration from Disney's Up, Haunted Mansion, Beetlejuice, and Tim Burton aesthetics.

## Challenges to Complete

1. **Vision Board + Page Mapping:** Collaborate with the bride to design each page's layout and content.
2. **Secure Entry System:** Develop a homepage that requires unique invite codes before granting access to the full site.
3. **RSVP Functionality:** Build a working form with Twilio or similar API for text alerts.
4. **Gift Registry Logic:** Design a dynamic list that hides items once claimed without revealing the selection.
5. **Schedule Display:** Code a real-time updating schedule for the wedding day with visuals and text.
6. **Photo Upload Page:** Allow guests and the photographer to upload images for viewing and sharing.
7. **Responsive Design & Theming:** Match the wedding's mixed theme using scroll effects, icons, and custom styling.

**Note: Several of these features rely on the completion of prior ones (e.g., visual theming depends on finalized vision board; real-time alerts depend on successful form handling).**

## Week-by-Week

Week 3:

- Complete and finalize the shared vision board
- Set up GitHub repo and create A3 folder structure
- Build and test secure invite-code entry page

Week 6:

- Finish RSVP form with text alerts
- Complete gift registry logic and testing
- Finalize Meet the Crew and Venue Info pages

Week 9:

- Implement live wedding day schedule with visual updates
- Add scroll-triggered animations and styling
- Build and test photo upload functionality

## List of Issues We Will Face

1. **New to Real-Time Scheduling & Alerts:** I'll be learning how to trigger live updates and integrate APIs like Twilio for the first time.

2. Back-End Logic: The registry and RSVP systems may require data handling or light database logic, which will need extra time and planning.
3. Time Management: Since the wedding is approaching quickly, I'll need to prioritize and time features carefully to deliver a working version in under two months.

## Technologies to Use

- HTML/CSS - Page layout, structure, and styling JavaScript - Interactivity, form validation, live updates
- Twilio (or similar) - Text alerts for RSVPs
- GitHub - Version control and file hosting
- Google Drive/Dropbox API - Photo uploads and storage
- Canva/Figma - Vision board and wireframing