

Traditional Flow Diagram

Represents the manual process of creating and customizing invitations without AI support.

1. Signup/Login:

Users create a new account or log in to access the invitation creation features.

This step ensures secure access and allows saving or managing previous designs.

2. Select Categories (Birthday, Wedding, Anniversary, etc.):

Users specify the event type to filter templates relevant to occasions like birthdays or weddings.

This helps in personalizing the invitation with occasion-appropriate styles and details.

3. Select Template or Own:

Users choose a ready-made template from the library or upload/design their own invitation from scratch.

This offers flexibility to quickly start with a design or create something unique.

4. Enter Details (Based on Selected Template):

Users input event information as prompted by the template—such as names, date, time, venue, and RSVP info.

The app guides users to fill all necessary fields to complete the invitation.

5. Finalize the Design and Save:

Users review the invitation, make adjustments, and save the final version once satisfied.

This ensures all details are correct before sharing with guests.

6. Share (WhatsApp, Email, Instagram, etc.):

Users export and distribute the invitation digitally using platforms like WhatsApp, email, or social media.

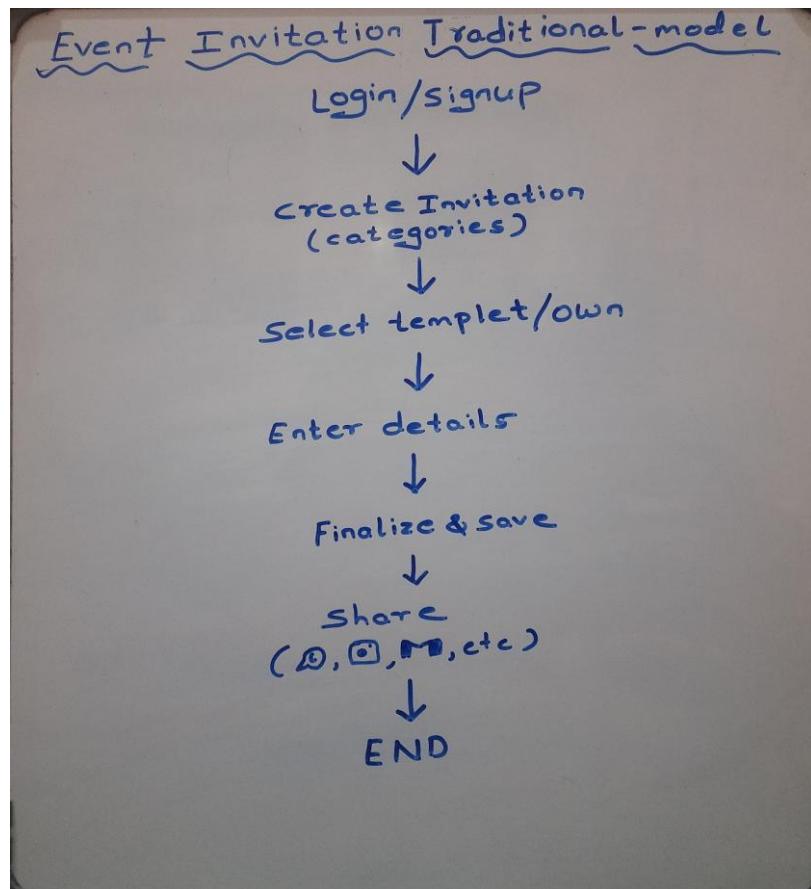
Multiple sharing options allow reaching guests conveniently and instantly.

7. End:

The invitation process is complete, and users can revisit saved invitations at any time.

Guests receive well-designed, accurate digital invitations ready for the upcoming event.

Figure 1: Traditional Flow Diagram



AI Model Flow Diagram

- 1. Login / Signup**
Users sign up or log in to their account to access AI-assisted creation tools. This ensures secure user identification and saves personalized preferences.
- 2. Enter Event Details & Preferences**
Users input key details like event type, theme, color, date, and tone of invitation. These inputs help the AI model understand the style and context for the design.
- 3. AI Model: Analyze & Generate Options**
The AI engine processes user inputs and automatically generates design suggestions. It recommends templates, layouts, and invitation text based on event preferences.
- 4. Show Top N Invitation Previews**
The system displays multiple AI-generated design previews for user review.

Each preview reflects a unique combination of color, layout, and style suited to the event.

5. User Selects

The user selects their preferred design and edits text, fonts, or images if required. This gives users flexibility to fine-tune AI-generated designs for a personalized touch.

6. Finalize & Save

Once finalized, the design is automatically saved under the user's account. This allows future edits and ensures the finalized version is ready to share.

7. Export / Share (WhatsApp / Email / Social)

Users can export invitations in image or PDF format and share digitally. The app supports direct sharing through WhatsApp, email, and social media platforms.

8. End

The entire AI-assisted invitation creation process concludes successfully. The user receives a creative, ready-to-share invitation with minimal manual work.

Figure 2: AI Model Flow Diagram

