

A Project Abstract on
AI Wedding Vow Generator

fulfilment of
grade for the subject

Artificial intelligence and Machine learning(24AD2001)

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- **Problem Statement** : Writing wedding vows is often an emotional yet challenging task for couples. Many struggle to put their feelings into words, balance tradition with personal expression, or overcome anxiety about public speaking. Traditional methods rely on templates or professional writers, which may lack personalization. This project aims to build an AI-powered system that generates personalized, meaningful wedding vows by combining natural language processing (NLP) and user-provided inputs such as relationship details, tone preference, and cultural/religious context.

➤ **Objectives**

- * To design a system that generates personalized wedding vows using AI and NLP.
- * To allow customization based on tone (romantic, humorous, formal, etc.).
- * To ensure vows reflect cultural or religious sensitivities when needed.
- * To use user-provided relationship stories, memories, or preferences as input.
- * To provide couples with multiple vow suggestions to choose from.
- * To demonstrate how AI can enhance creativity and reduce stress in personal life events.

➤ **Proposed Methodology**

-Data Collection*

- * Collect a dataset of wedding vows, speeches, and cultural vow traditions.
- * Include diverse writing styles (romantic, modern, traditional, humorous).

-Preprocessing*

- * Clean and organize vow text into structured training data.
- * Label samples by tone, style, and cultural/religious relevance.

-Feature Extraction*

- * Use NLP techniques (tokenization, embeddings) to capture meaning and style.
- * Incorporate user inputs such as partner's name, personal anecdotes, and emotional tone.

-Model Development*

- * Fine-tune a large language model (LLM) for vow generation.
- * Implement prompt-engineering to balance personalization and fluency.
- * Provide an interactive interface where users can refine generated vows.

Expected Outcome

- * An AI-based vow generator capable of producing *unique, personalized wedding vows*.
- * Options for different tones: romantic, light-hearted, poetic, or traditional.
- * A user-friendly interface where couples can input preferences and receive multiple vow drafts.
- * A tool that helps couples reduce stress, spark creativity, and craft vows that feel authentic.
- * A demonstration of how AI can meaningfully enhance emotional and cultural aspects of human life..

Abstract

Wedding vows are among the most meaningful parts of a marriage ceremony, but many couples find it difficult to express their emotions in words. This project proposes an *AI-powered Wedding Vow Generator* that uses natural language processing and machine learning to create personalized vows. By taking inputs such as names, relationship stories, emotional tone, and cultural or religious context, the system produces vows that feel authentic and meaningful.

It is useful because it:

- * Helps couples easily write vows that capture their true feelings.
- * Offers multiple tones (romantic, humorous, formal, poetic).
- * Supports cultural and religious personalization.
- * Reduces stress and saves time during wedding preparations.

The system fine-tunes a language model with wedding-related text and leverages prompt-engineering for customization. It provides couples with multiple vow drafts, which they can edit and finalize. By blending AI creativity with human personalization, this project shows how artificial intelligence can support emotional expression in important life events, making wedding ceremonies more memorable and heartfelt.

-Basepaper reference :

https://www.researchgate.net/publication/390815866_The_Use_of_AI_in_Wedding_Planning