Designing a song using Artificial Intelligence

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Motivation Behind the Song

The primary motivation behind creating this song was to celebrate the rich heritage, natural beauty, and cultural diversity of Chattogram, a region close to my heart. I wanted to craft lyrics that not only highlight the scenic landscapes, such as hills, rivers, and sea, but also reflect the warmth and unity of its people through mentions of local traditions, foods, and festivals.

Moreover, the song aims to inspire pride among locals and interest among tourists by showcasing the unique spots like Patenga Beach, Foy's Lake, and Maheshkhali Island. Using AI tools allowed me to blend traditional themes with modern musical elements, creating a piece that is both authentic and appealing to younger audiences.

This project also motivated me to explore how technology can assist creative expression, and how AI can be a collaborative partner in songwriting — helping with idea generation, refining language, and producing melodies that complement the emotional tone of the lyrics.

Task 2 – Documentation of Process

The Steps I Followed

1. **Idea Generation:** First, I decided on the theme of the song – to highlight Chattogram's heritage, natural beauty, and famous tourist

spots.

- 2. Lyric Drafting: I wrote verses and a chorus mentioning hills, rivers, the sea, local food, and the friendly nature of the people.
- 3. **Refinement:** I refined the lines to match rhythm and ensure they fit with the melody.
- 4. **Finalization:** I arranged all verses, chorus, and bridge into the final song structure.

AI Technologies Used

- Suno.com: An AI-based music generation platform used to create melody, background instrumentation, and tempo.
- ChatGPT (GPT-5): Used for lyric ideas and refinement to match theme and emotion.

Application of AI

- 1. Used Suno.com to generate melody, instrumental background, and tempo, then customized the AI output to match the cultural theme.
- 2. Used ChatGPT to brainstorm and refine lyrics so that they complement the melody and enhance emotional impact.
- 3. Combined AI-generated melody with custom-edited lyrics to produce a complete, performance-ready song.