### Title:

**SnapCapp: Simplified Visual Stories App**

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### Problem Statement:

### Current visual-sharing apps like Snapchat can feel complex due to their numerous features, including social interactions like chatting, streaks, and stories, which can overwhelm users who just want a simple, creative tool for self-expression. There is a need for an app that focuses solely on creating and sharing personalized visual content without social features like chat.

### Proposed Solution:

SnapCapp will offer a streamlined experience for capturing and personalizing photos and videos without the distractions of social interaction features. A unique and simple addition to the app will be **“Mood Filters”**, where users can select their mood manually, and the app will suggest filters, stickers, and effects based on that selection. This adds an extra layer of personalization without requiring advanced technology like machine learning.

### Key Features:

**Mood Filters** (Unique Feature):

* 1. Users can manually choose from predefined moods (e.g., Happy, Calm, Excited, etc.), and the app will suggest filters and stickers accordingly.
  2. This simple feature adds a personalized experience by adjusting the look and feel of their images/videos based on mood.

**Quick Captures**:

* 1. One-tap access to the camera for instant photo or video capture with pre-set or customizable filters.
  2. Easy navigation between filter options and photo modes.

**Custom Filters & Stickers**:

* 1. A variety of mood-based filters and stickers that users can apply to their photos and videos.
  2. Users can create and save custom stickers from their own images or text inputs.

**Basic Editing Tools**:

* 1. Crop, rotate, and adjust brightness, contrast, and saturation before saving.
  2. Add text and draw on images directly within the app.

**Offline Usage**:

* 1. All features work offline, as everything is processed and saved locally on the phone.
  2. No need for an internet connection or external server storage.

### Modules:

### ****User Interface (UI)****:

* 1. Clean and minimalist design.
  2. Camera screen with easy access to filters, stickers, and the mood selection menu.
  3. Navigation options for viewing and managing saved images in the gallery.

**Mood Filters**:

* 1. A set of predefined moods (e.g., Happy, Sad, Excited, etc.).
  2. Based on the selected mood, the app will show a set of matching filters and stickers to enhance user creativity.

**Capture & Gallery**:

* 1. Core module for capturing photos and videos.
  2. Includes options for saving images locally and viewing them in the gallery.

**Image Processing & Editing**:

* 1. Module to handle photo and video editing: applying filters, stickers, text, and drawing.

**Storage**:

* 1. Local storage for saving images, custom stickers, and preferences directly on the device (SQLite or file-based storage).