

# KukuBot – Personalized AI Storyteller

## Consumer/Client Orientation & Value Addition

**Consumer Need:** Kuku FM users crave fresh, relevant, and bite-sized audio content that fits their mood, interests, and routine.

**Value Addition:** KukuBot offers daily, short-form personalized audio stories tailored to each listener's preferences using generative AI. This enhances emotional connection, promotes daily app engagement, and creates habit loops that improve retention.

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## Objective of the Proposed Tool/Feature

To develop a generative AI-powered daily storytelling feature that delivers engaging, 2–5 minute personalized audio narratives. This tool aims to:

- Increase average session duration
  - Boost daily app opens
  - Improve user satisfaction through customization
  - Strengthen loyalty and reduce churn
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## Generative AI Tools, Techniques & Data Sources

### Tools & Techniques:

- **LLMs (e.g., GPT-4)** fine-tuned for narrative generation
- **Text-to-Speech (TTS):** Google WaveNet, ElevenLabs for realistic voices
- **Reinforcement Learning:** For content optimization based on user feedback
- **Sentiment Analysis:** To measure emotional response to stories

### Data Sources:

- User preferences (genre, tone, pace)
  - Listening history and engagement metrics
  - Manual or inferred mood inputs
  - Story feedback and ratings
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## **AI Integration Plan**

### **Creation Phase:**

- LLM generates short, structured yet creative audio stories
- TTS renders content in chosen voice and tone

### **Operational Phase:**

- Automatically push daily stories at user-preferred time
- Update preferences via interactive feedback loop

### **Analysis Phase:**

- Monitor listens, skips, duration, and reactions
  - Use metrics to retrain models and refine recommendations
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## **Implementation Plan**

### **Phase 1 – Prototype & Beta (Month 1–2):**

- Launch with premium users
- Story categories: Thriller, Romance, Sci-Fi, Motivation
- Narrator selection & mood tagging

### **Phase 2 – Public Rollout (Month 3–4):**

- Daily push notifications: "Your story is ready!"
- Streak-based rewards and shareable story snippets

### **Phase 3 – Expansion (Month 5+):**

- Voice-command support ("Hey Kuku, tell me a story")
  - Interactive fiction with branching paths
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Key Challenges & Solutions

Challenge	Solution
Content quality & consistency	Fine-tune LLM, human QA review during beta
Voice monotony	Multiple narrators, celebrity/AI collabs
TTS compute costs	Cache top stories, optimize audio delivery
Privacy concerns	Opt-in data usage, anonymized behavioral data
Unsafe content	Implement moderation filters and content flagging

Metrics & KPIs to Measure Success

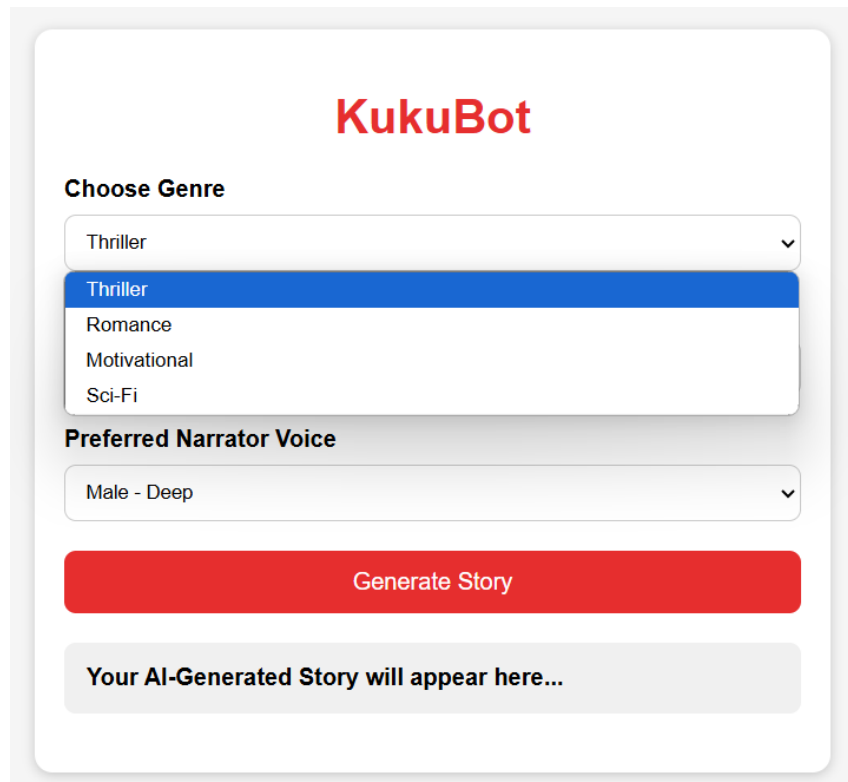
KPI	Target
Avg. session length	+15%
Daily app opens	+25%
Retention (7-day)	+20%
User feedback ratings	>4/5 on 80% stories
Story share rate	≥10% of listeners

Conclusion:

KukuBot will transform Kuku FM into a hyper-personalized, habit-forming audio platform powered by generative AI. By delivering emotionally resonant, daily story content, Kuku FM can significantly boost engagement, retention, and user satisfaction.

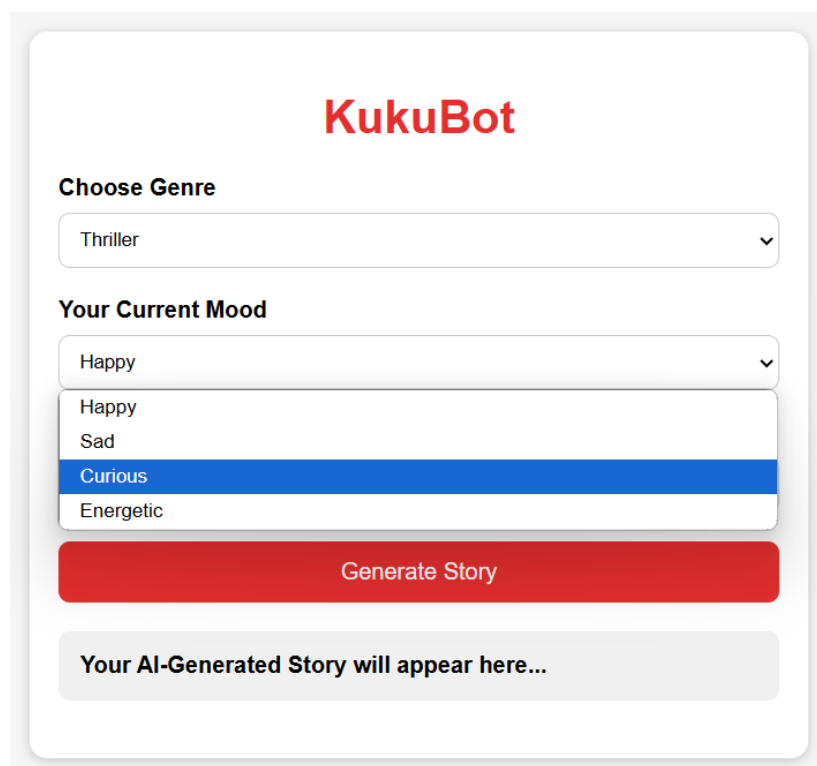
## Prototype/Mockup of the Proposed Solution:

### 1. We Need to Choose the Genre



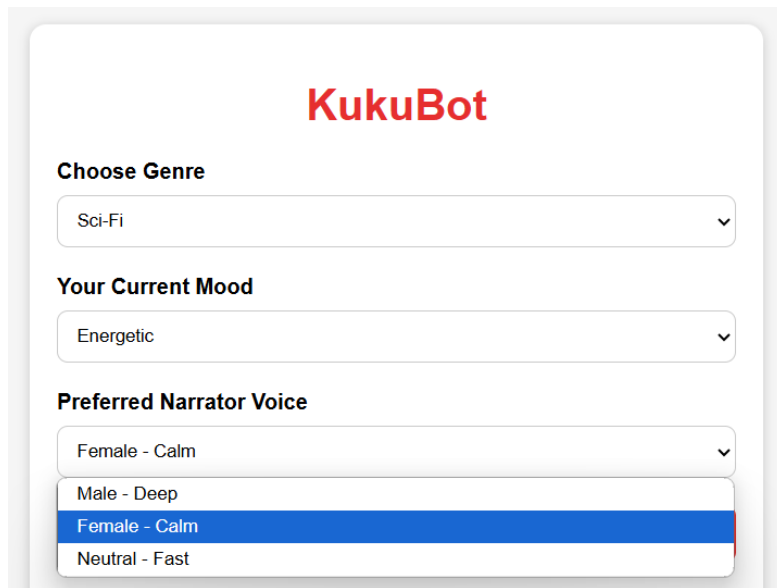
The image shows a web interface for 'KukuBot'. At the top, the name 'KukuBot' is displayed in a large, bold, red font. Below it, the section 'Choose Genre' is followed by a dropdown menu. The dropdown is open, showing a list of genres: 'Thriller' (highlighted with a blue background), 'Romance', 'Motivational', and 'Sci-Fi'. Below the genre selection, there is a section 'Preferred Narrator Voice' with a dropdown menu showing 'Male - Deep'. A large red button labeled 'Generate Story' is positioned below these options. At the bottom, a light gray box contains the text 'Your AI-Generated Story will appear here...'.

### 2. We Need to Choose the Mood



The image shows a web interface for 'KukuBot'. At the top, the name 'KukuBot' is displayed in a large, bold, red font. Below it, the section 'Choose Genre' is followed by a dropdown menu showing 'Thriller'. Below the genre selection, there is a section 'Your Current Mood' with a dropdown menu. The dropdown is open, showing a list of moods: 'Happy', 'Sad', 'Curious' (highlighted with a blue background), and 'Energetic'. A large red button labeled 'Generate Story' is positioned below these options. At the bottom, a light gray box contains the text 'Your AI-Generated Story will appear here...'.

### 3. We need to Choose Narrator Voice



The screenshot shows the KukuBot interface with the 'Preferred Narrator Voice' dropdown menu open. The menu lists four options: 'Female - Calm', 'Male - Deep', 'Female - Calm', and 'Neutral - Fast'. The 'Female - Calm' option is highlighted in blue.

**KukuBot**

**Choose Genre**

Sci-Fi

**Your Current Mood**

Energetic

**Preferred Narrator Voice**

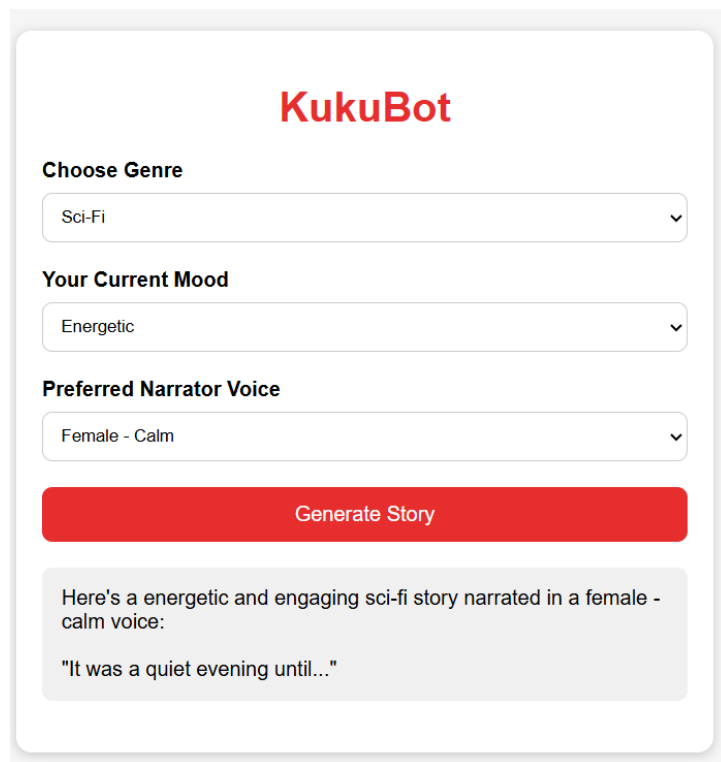
Female - Calm

Male - Deep

Female - Calm

Neutral - Fast

### 4. Finally After clicking on Generate Button, The Story Begins..



The screenshot shows the KukuBot interface after clicking the 'Generate Story' button. The 'Generate Story' button is red and labeled 'Generate Story'. Below it, a text box displays the generated story: 'Here's a energetic and engaging sci-fi story narrated in a female - calm voice: "It was a quiet evening until..."'

**KukuBot**

**Choose Genre**

Sci-Fi

**Your Current Mood**

Energetic

**Preferred Narrator Voice**

Female - Calm

**Generate Story**

Here's a energetic and engaging sci-fi story narrated in a female - calm voice:

"It was a quiet evening until..."

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For More Detailed View:- [GitHub Repository](#)