

Personalized Video Content Generation

Adverstory

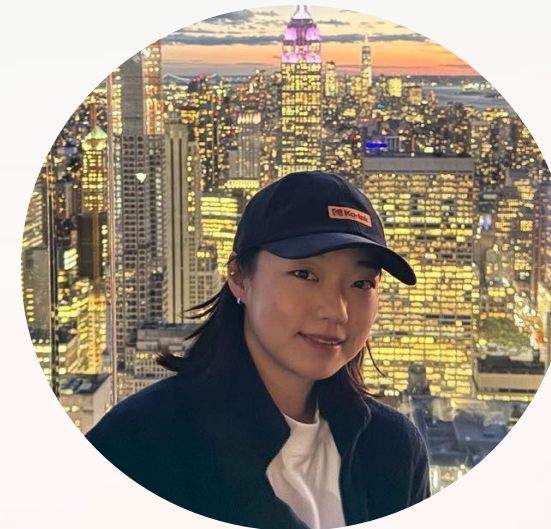
Meet Our Team



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Project Objective

Create a system that generates personalized video content based on user preferences, providing unique and dynamic experiences for everyone

Key Features

- Retrieve relevant content based on user preferences
- Personalize video generation to match individual tastes and interests
- Continuously improve by adapting to new user behavior and preference

User-Centric Personalization

Users don't need to input prompt every time
– our system learns from past preferences
and generates tailored content

Data-Driven Continuous Learning

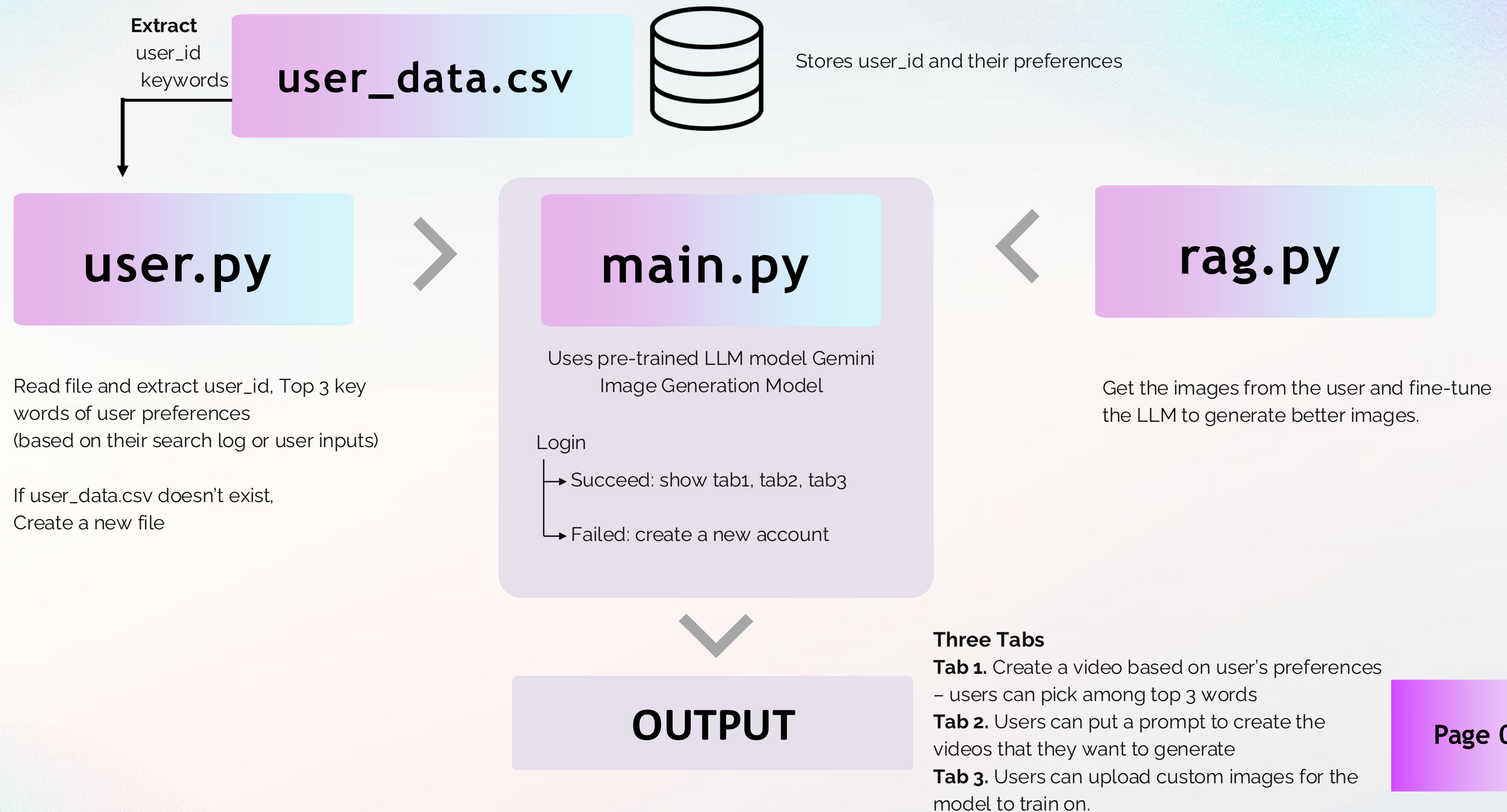
Unlike existing solutions that generate videos based on one-time text prompts, our system stores user preferences and continuously refines video recommendations

Improved User Experience with RAG

By augmenting the model's knowledge with real-time retrieval, RAG ensures that generated content is more personalized and aligned with user preferences

Key Differentiators

Structure



Output

Log-in

Existing users can utilize stored information to create videos
New users can set their initial preferences

Existing User

User Login

Enter your User ID

2

Welcome back, 2!

New User

User Login

Enter your User ID

10

User ID not found. Would you like to create an account?

Enter your preferences (comma-separated)

animals, trucks, sports

Press Enter to apply

Create Account

Input

- User has three options
- Stored preferences
 - Input prompt
 - Uploaded file

Video Content Generation

Generate from Keywords Custom Prompt RAG Image Upload

Generate Video from Your Keywords

Select keywords to generate video (up to 3)

animals

Generate Video

Generating video from selected keywords

Select keywords to generate video (up to 3)

Choose an option

animals

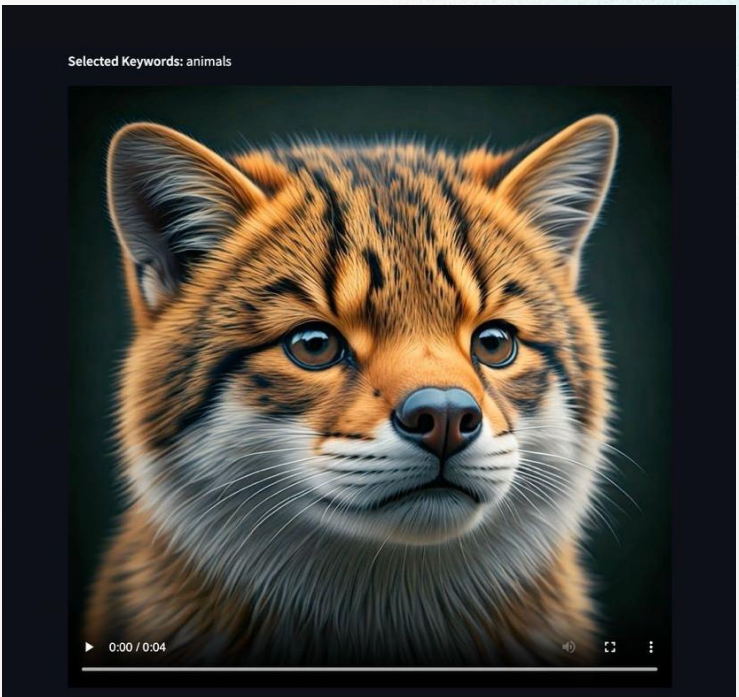
trucks

sports

Can choose up to three preferences of the user

Video Generator

Creates 3-6 second video according to the input prompt



**THANK
YOU**
