

Team 649



www.shik-shak-show.tech




SHIK SHAK
— SHOW —




Current issues in movie website search functionality.


2




Was it Anawelle or Annabill or Anebelle? So confusing....




Where is the top rated movies list?



Ohhh no this video is lagging again, why can't I get better streaming



The movie started with pirates but after that uhhh no suggestions my battery is draining.....



I am unable to recall the movie name. But the plot was something like....



OUR SOLUTIONS....



1

Autocomplete the query to be searched

2

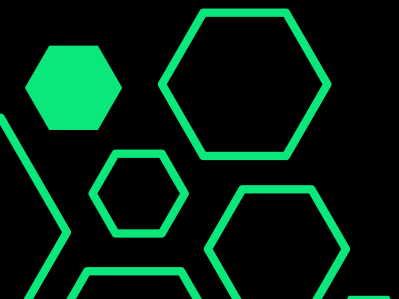
Fuzzy search overrides the typos in input text

3

Semantic search retrieves information contextually relevant to the plot query

4

Adaptive video streaming adjusts video quality as per network bandwidth





AUTOCOMPLETE

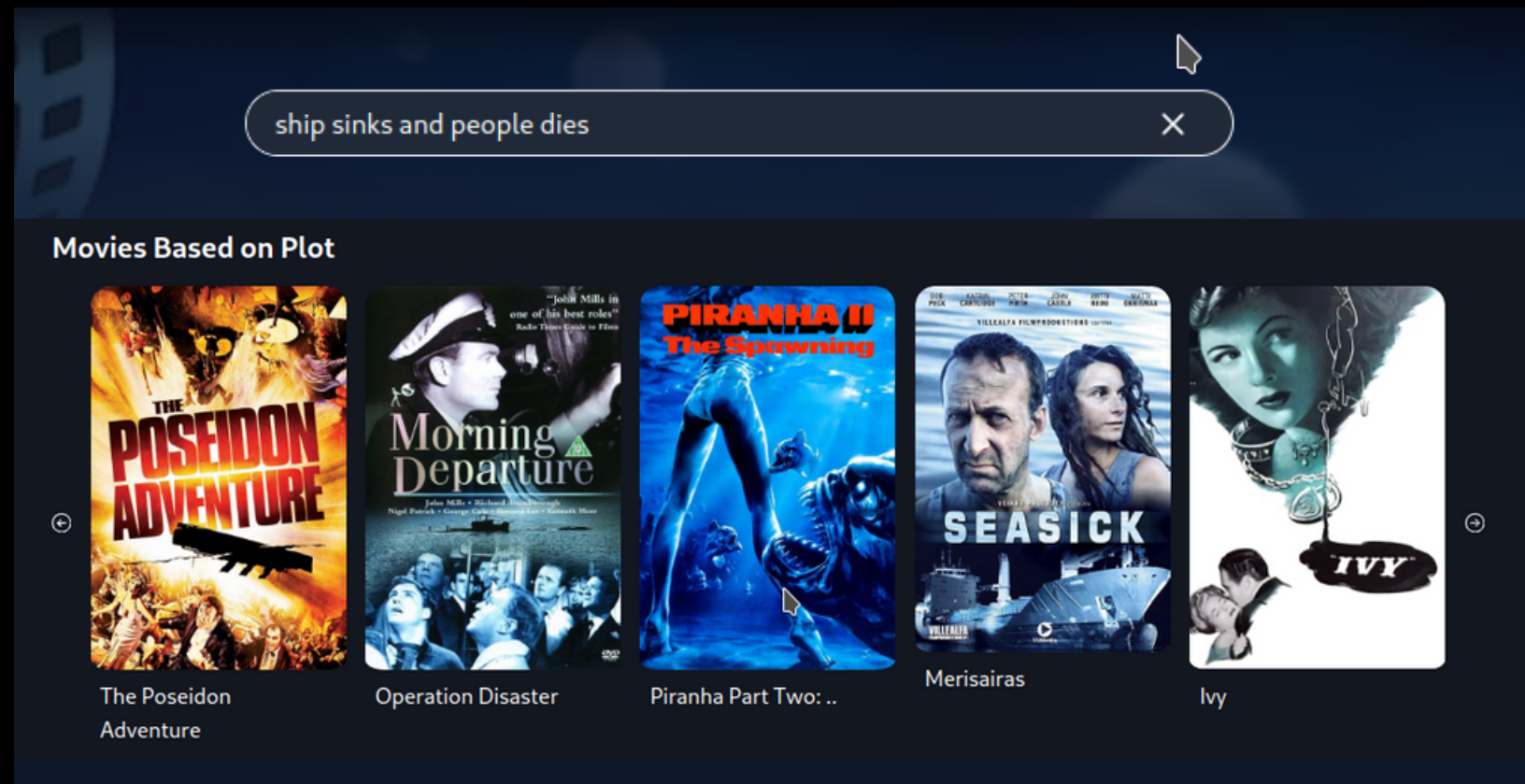
- Suggestions provided on a search-as-you-type basis.
- **edgeGram** tokenization strategy used to match input prefix.
- **Weighted search** on the fields title, cast, genres, and directors.

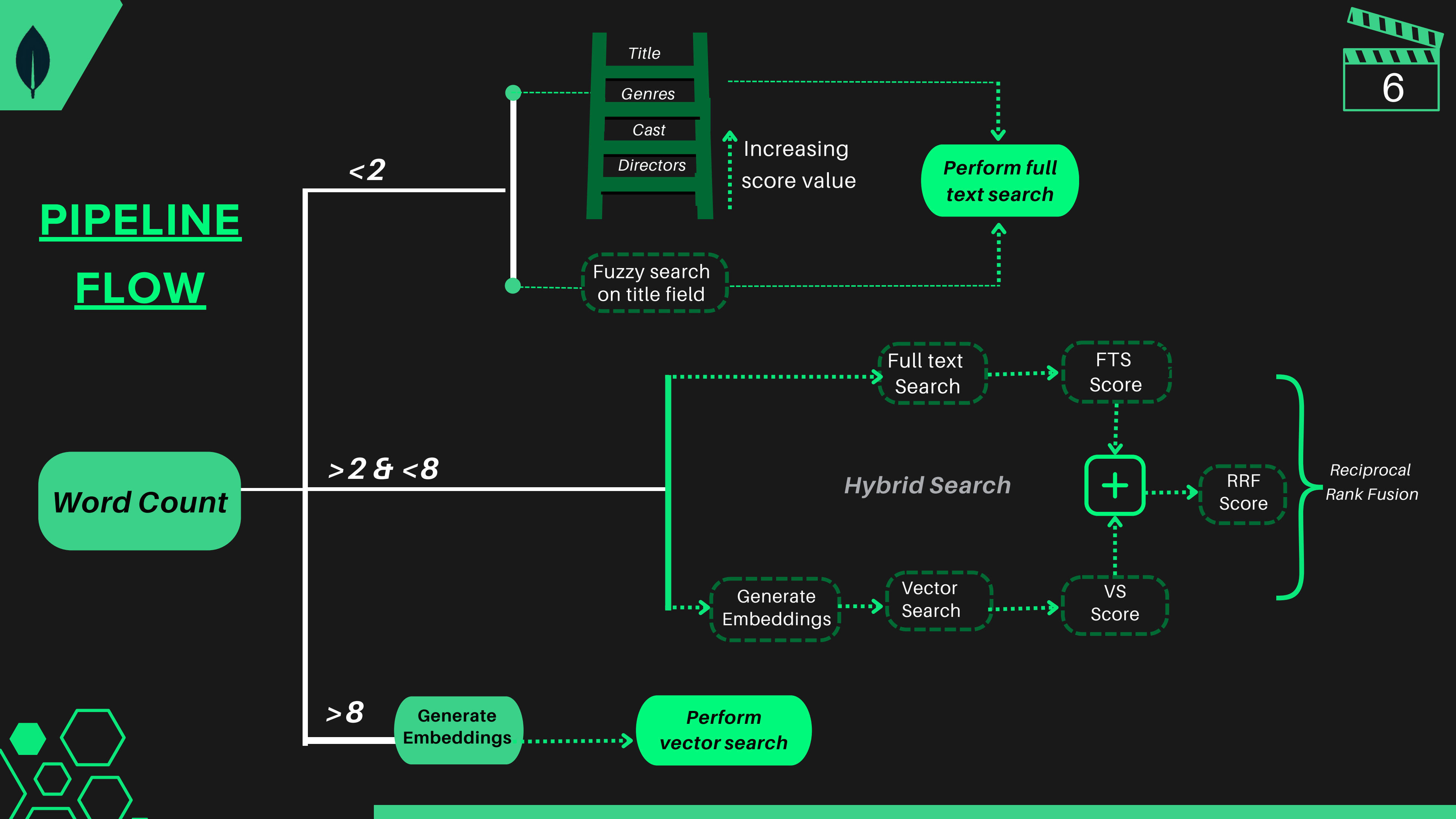




HYBRID SEARCH

- Results from **semantic** search with **full-text** search combined using **Reciprocal Rank Fusion**.
- Misspellings and typographical variations handled by fuzzy search.
- Result optimized by semantic search through **Euclidean** similarity function.







Select Your Plan

FREE

- ✓ AI Powered Search
- ✓ Adaptive Streaming upto 480p
- ✗ Premium Movies

₹0 /month

SELECT PLAN

SILVER

- ✓ AI Powered Search
- ✓ Adaptive Streaming upto 480p
- ✓ Premium Movies

₹99.99 /month

SELECT PLAN

GOLD

- ✓ AI Powered Search
- ✓ Adaptive Streaming upto 1080p
- ✓ Premium Movies

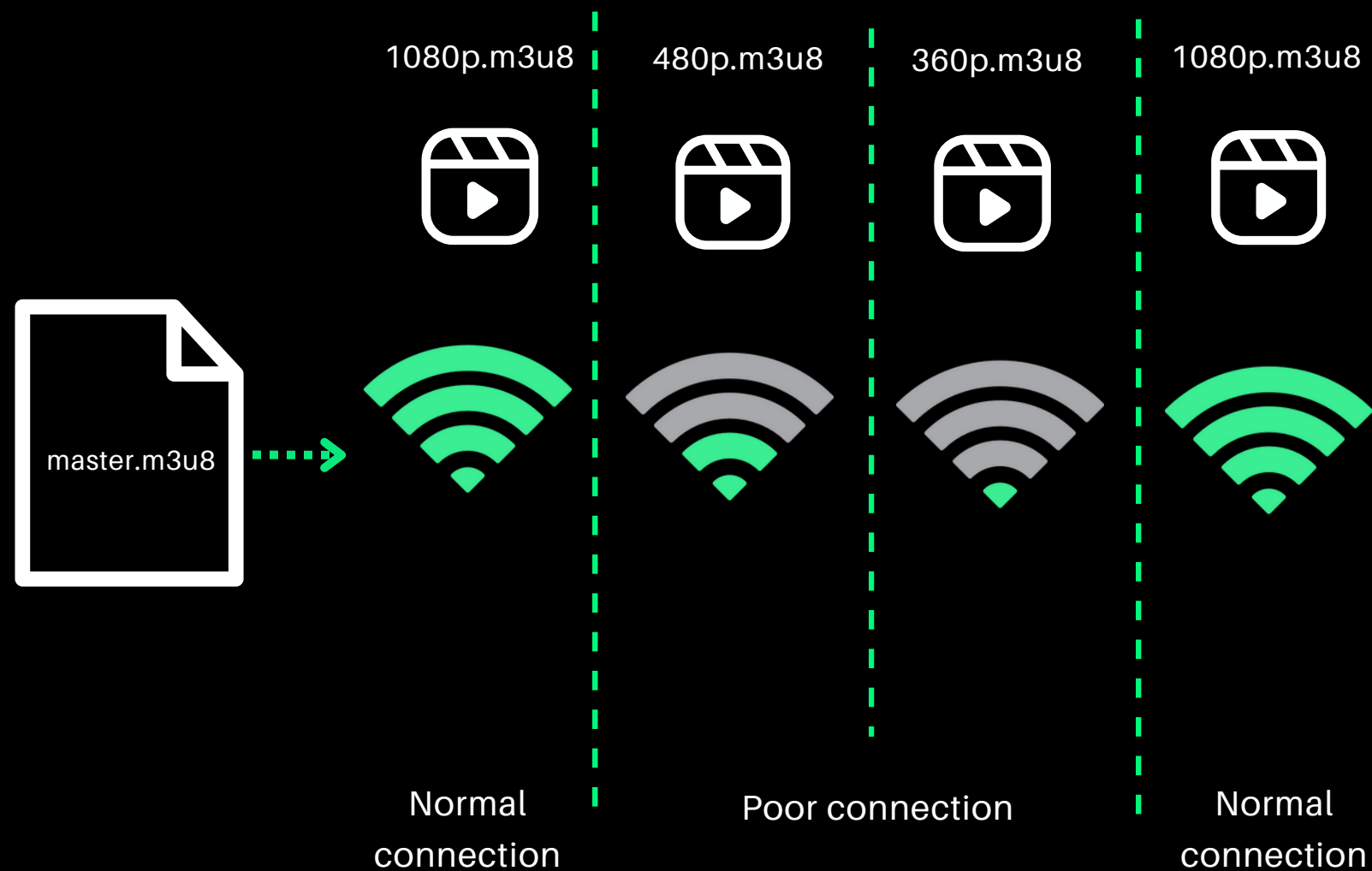
₹199.99 /month

SELECT PLAN



Subscription Model

- Three subscription statuses kept for users namely **Gold, Silver,** and **Free**.
- Free subscription status given to the user during signup.
- Gold and Silver subscriptions can be purchased and changed later after logging in.



▶ ADAPTIVE STREAMING

- Adaptive video streaming implemented via **HLS** Protocol.
- Videos loaded **chunk-wise**, enabling instant playback.
- Video quality dynamically adjusted as per **bandwidth** and device conditions.



WEBSITE **WALKTHROUGH**





THANK
You!

