



SVNT TAP

Scope

A youtube enthusiast can survey how trending his video / idea can become given the trends and analysis of youtube in the US.

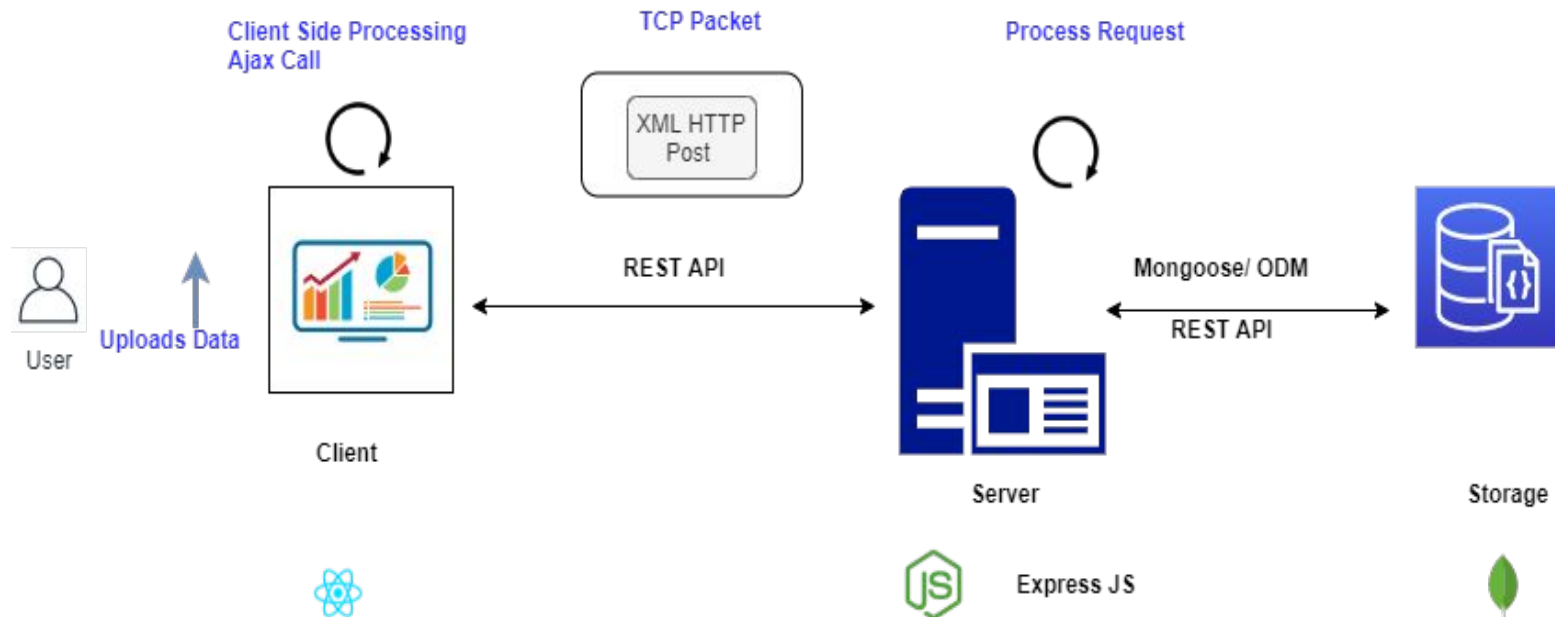
User Story

- 1 User Story

User provides some inputs including: **youtube user-name**, **title** of upcoming video, **category** of content, **comments**, **tags** and **ratings**.

Application predicts possible **views** and **suggest recommendations** if any.

Approach



Tasks and Priority

1. Design for front end application. **high**
2. Front End Application.
3. Connecting Front End to Data Analysis Service with API Infrastructure. **high**
4. Maintaining user session, recording user activity. **high**
5. Authentication and Security.
6. Data Analytics Prediction Service **high**

Limitations and Future Enhancement

1. **Time Based**- A user might use the service obtain high views from the model, however by the time he uploads his video say in a weeks time, trends would have shifted.
 2. **Biased Data**- A user with high subscribers will always have high views for the first 1 or 2 days doesn't mean the video is trending.
 3. **Loosely Coupled Services**- Aim to make the Node server independent of Express JS components so that in future MongoDB can be replaced with a different one.
 4. **Authentication and Security**
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