

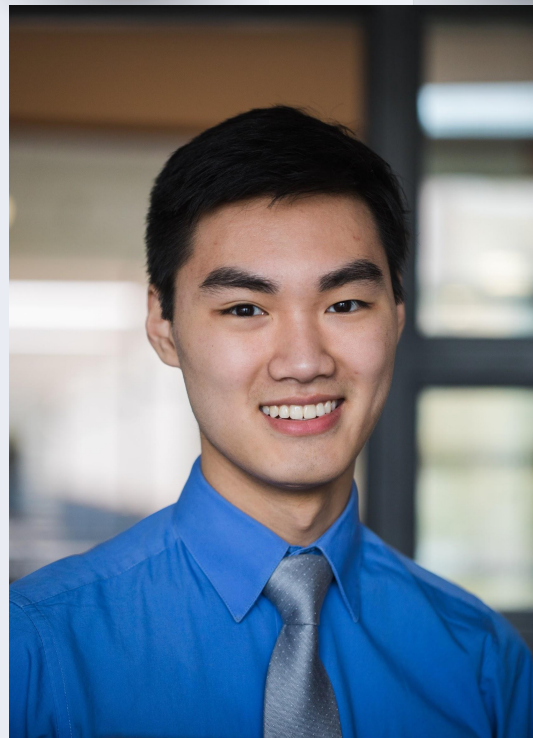
# **SAP SVNT: Silicon Valley Next Talent**

# Hello!

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## Persona

### ❑ 3rd party service for small Youtube accounts

- ❑ Given information regarding average views, subscribers, video parameters
- ❑ Determine insights on video popularity
  - ❑ Video trending probability
  - ❑ Likes, dislikes, views



## Authentication & Login

### POST /register

Registers a user & immediately starts an active session.

```
// Maps a session token to a username.
```

```
private Map<UUID, String> map =  
new ConcurrentHashMap<>(1000);
```

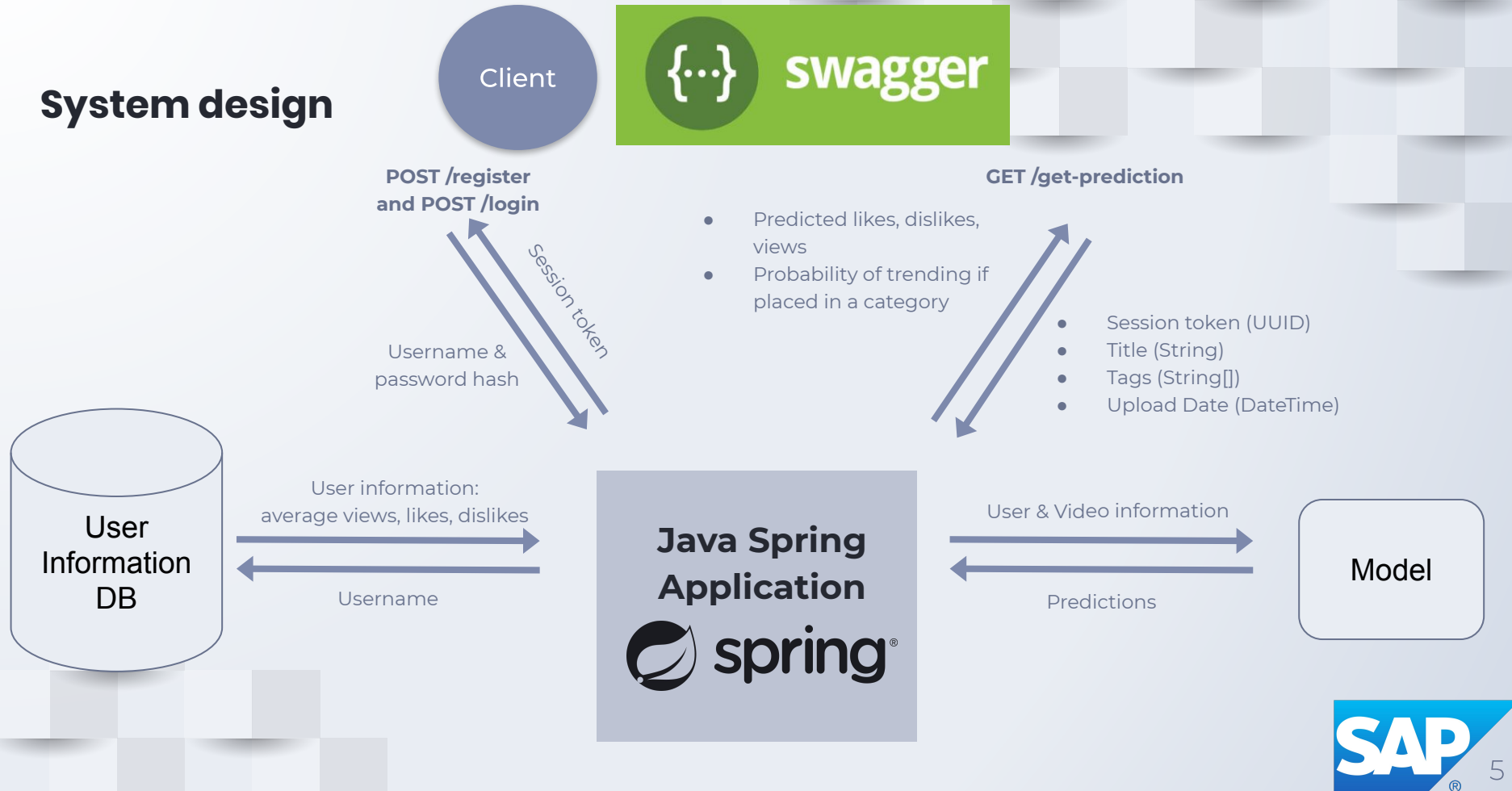
### POST /login

Creates a new session by adding a session token to a concurrent hash table.

### GET /get-prediction

Authenticates a user, retrieves YouTube channel information, and predicts hypothetical video metrics. ***Uses a stub method, meant to be replaced with a model.***

# System design



**If we had more time...**

## **Google OAuth**

Allows a user to login via their Google credentials, already attached to a YouTube account

## **YouTube API**

Allows the application to retrieve account information directly from YouTube.




# THANKS!

**Any questions?**

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