

CS305 – Software Engineering

Frontend-main Team

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a. Definitions :

- i. Django - Django is a Python-based free and open-source web framework that follows the model-template-views architectural pattern
- ii. HTML - Hypertext Markup Language is the standard markup language for documents designed to be displayed in a web browser.
- iii. CSS (Cascading Styling Sheets)- CSS which deals with all the styling part. Cascading Style Sheets is a style sheet language used for describing the presentation of a document written in a markup language such as HTML.

b. Technologies used:

The major technologies used in constructing these pages are:

- HTML (Hypertext Markup Language)
- CSS (Cascading Styling Sheets)
- Django

c. Product Perspective

- First, the user will have to sign in to his/her Google Drive.
- After successful sign in, user will on home page.

The home page will contain a search box, where the user can enter the text related to what he/she wants to search on.

- on successful search it will take youtube result from youtube API, drive result from drive API and database result from database API and show corresponding result /videos on home page

d. Design

our main design is doing search and showing result on home page

For home page:

(i).home.html

it has option of

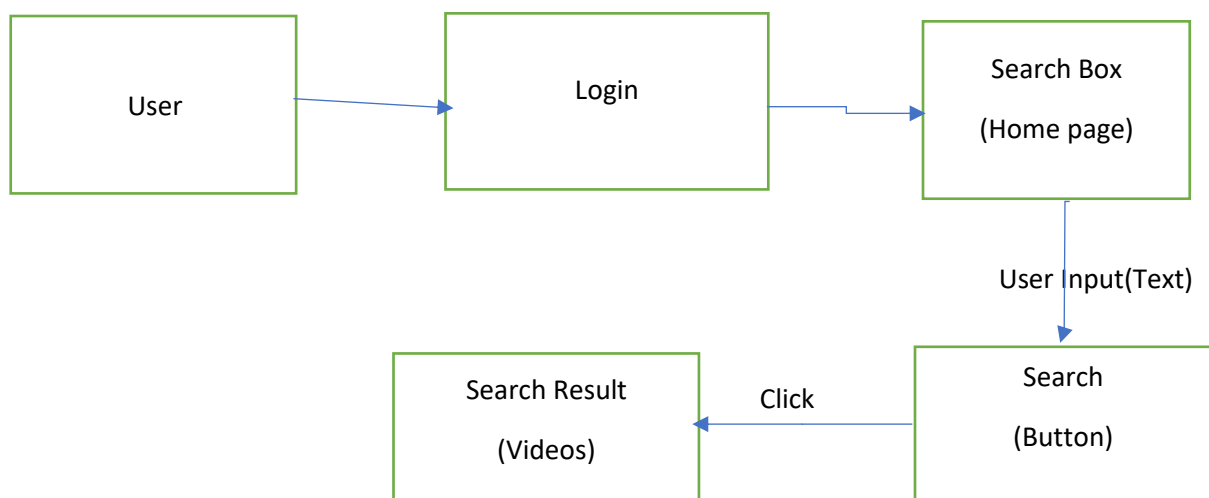
- Search

A user searches and gets youtube result from youtube API, drive result from drive API and database result from database API.

(ii).Base.html

It will have name of login person.

High Level Diagram



Low Level Diagram

