FLOPAN

Project Synopsis

Of Flopan

BACHELOR OF TECHNOLOGY

COMPUTER SCIENCE AND ENGINEERING

Submitted by: Guided by:

Bazgha Razi

MDU Roll No:

DELHI GLOBAL INSTITUTE OF TECHNOLOGY

Bhagdurgarh, Jhajjar, Haryana 124201

Affiliated to

Maharshi Dayanand University

CONTENT

<u>CERTIFICATE</u>

This is to certify that Bazgha Razi, student of 6th semester B.Tech (CSE), has successfully completed her project synopsis of Flopan.

ACKNOWLEDGEMENT

It has been great honour and privilege to undergo project synopsis of Flopan.

I have taken efforts in this synopsis. However, it would not have been possible without the kind support and help of may individuals. I would like to extend my sincere thanks to all.

I am highly indebted to my professors for their guidance and constant supervision as well as for providing necessary information regarding the synopsis and for their support in completing this synopsis. Their constant guidance helped me to complete the assigned task on time.

Bazgha Razi

B.Tech(CSE)

Title

Flopan, derived from the word floating panel.

Technologies Used

Frontend

HTML

CSS

JavaScript

Backend

Pip Web API

Screen Capture API

Version Control

Github

IDE

VS Code

Web Browser

Microsoft Edge

Google Chrome

Overview

Flopan stands for floating panel. It is a special type of multi-window mode addon which is based on pip(picture in picture) concept.

In pip method, we can float the video while browsing to other tabs or applications.

Goals/Objectives

- Flopan is an upgraded version of PIP based addons.
- It lets the user watch a video in a small window pinned to a corner of the screen while navigating between apps or browsing content on the main screen.
- It not only provide floating window for videos but also we float any application or tab while using other.
- It helps you to read two articles simultaneously without switching to tabs.
- It helps during any research.
- It's also very useful for making notes.
- We can resize the flopan screen and also move it according to our requirement.

Features

- Start Button: It is created for starting the addon/ extension.
- Screen Select Option: It is a feature in which we can select any tab, screen and application that we want to see in the floating window.
- Floating Window: It is a small window pinned in the bottom right corner of the screen. We can also resize and move floating window as per our requirements.
- Close Button: It is required to close the floating window mode.

Methodology/ Planning of Work

- First I have to create a popup page for starting the addon.
- Then I'll work on the frontend part.
- Then I'll work with the APIs and backend part.

References

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