

PROJECT DEVELOPMENT PHASE

Utilization of Algorithms,Dynamic Programming,Optimal Memory Utilization.

Date	November 2 2023
Project Name	Project-How to Create a Reel Design Using Canva.

Utilization of Algorithms:

While Canva primarily relies on intuitive design features, you can explore the application of algorithms in specific areas. This may include implementing image processing algorithms for special effects, utilizing layout optimization algorithms for automated element placement, or integrating recommendation algorithms for tailored design suggestions. Keep in mind that algorithmic implementation may require programming skills and potentially integration with external libraries or Canva's API.

Dynamic Programming:

1.Automated Element Arrangement:

we could explore dynamic programming to optimize the layout of design elements, ensuring an aesthetically pleasing composition.

2.Efficient Resource Utilization:

The dynamic programming could help in managing memory and processing resources efficiently.

Optimal Memory Utilization:

In designing the reel using Canva, emphasis was placed on efficient memory usage. This was achieved by carefully selecting media formats, compressing images and videos, and using appropriate export settings. Additionally, the project prioritized clean and organized design practices to minimize unnecessary memory overhead. By adopting these strategies, the reel was developed with optimal memory utilization, ensuring smooth performance and efficient resource management.