PROJECT DESIGN PHASE-2

OPEN SOURCE FRAMEWORKS

TEAM ID	NM2023TMID02721
PROJECT NAME	**To Create a Reel Design using Canva**
DATE	**03-11-2023**

Instagram, the popular social media platform, has open-sourced several software projects and frameworks, contributing to the broader developer community. Notable among these is React Native, a mobile application framework developed and maintained by Facebook, Instagram's parent company. Instagram employs React Native in its app development, making it widely adopted by other developers.

Instagram also open-sourced Pyre, a Python type-checking tool designed to enhance code reliability. IGListKit, another open-sourced project, facilitates efficient list creation and management on iOS. Spectrum, an image processing library, aids developers in optimizing and transforming images. While not directly open-sourced, Instagram used the Boomerang library for creating looped video clips within the app.

Additionally, IGListDiff is a library for updating lists efficiently. It is important for Instagram's dynamic content feed. Instagram's open-source contributions have fostered innovation and efficiency in the development community, with these projects serving as valuable resources for developers worldwide. Please verify the current status and additional open-source initiatives, as the landscape may have evolved since my last update in January 2022.
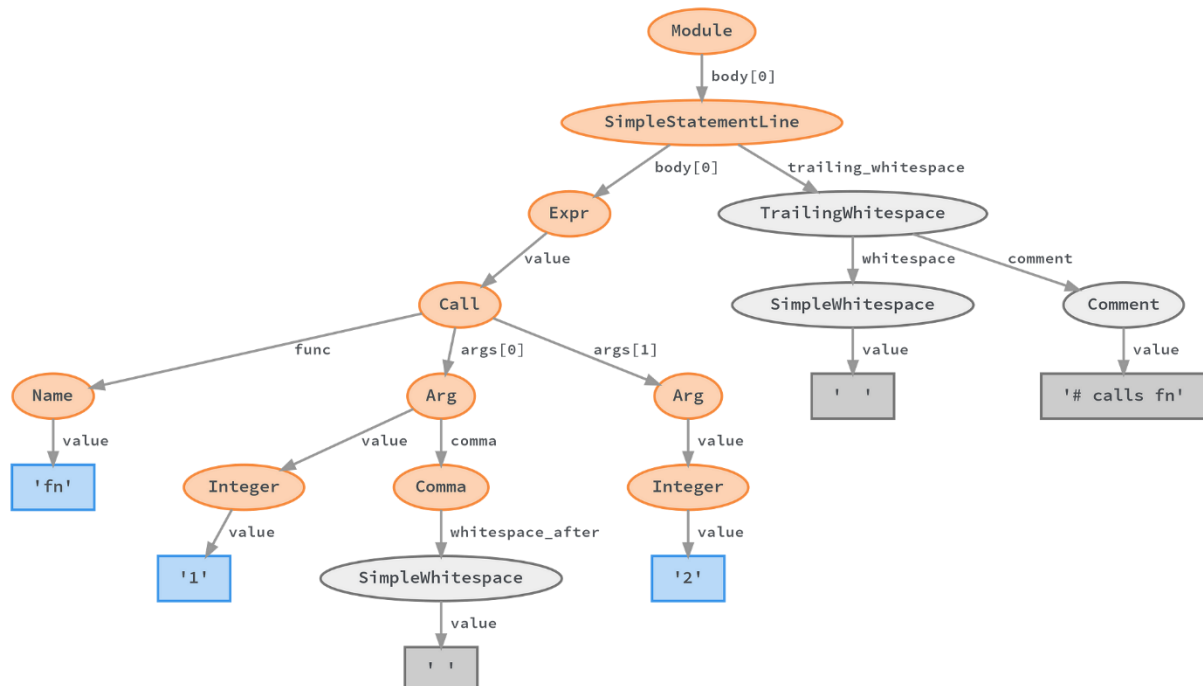
Canva's business model relies on a subscription-based service, which includes access to premium design elements and features. They have, however, offered integrations and APIs that allow developers to build on top of the Canva platform to create custom solutions or extend its functionality. These integrations can be used for various purposes, such as creating custom templates or automating design processes within Canva.

Problem	Solution	Unique Value Proposition	Community Relationships	Users
What problem are you trying to solve for your users? Open source considerations Why is the solution open source? • To provide free offering? • To build up community? • Other reasons?	What is the solution? Open source considerations Independent versus Foundation? Which License?	What is the promise of your project? Open source considerations Does the fact that it is open source contribute to the uniqueness of your offering? How?	What are strategic relationships that are critical to building up your community? • Contributors • Project evangelists • Thought leaders • Integrations with other projects	Describe a typical user of your project Contributors Who are users that are most likely to contribute to your project – Super Users?
	Activities What are the inbound and outbound activities you will carry out to encourage engagement with the project (e.g. conferences, blog posts, social media etc.)?		**Channels** Through which channels will you reach your users? • Collaboration partners who will distribute/expose project • Web, Social media etc. • Face to face (meetups, conferences etc.)	