

Project Design Phase-II
Technology Stack (Architecture & Stack)

Date	04 October 2023
Team ID	NM2023TMID04324
Project Name	How to Create Brand name ,Brand Mail, and Brand Logo in Canva
Maximum Marks	4 Marks

Table-1 : Components & Technologies:

S.No	Component	Description	Technology
1.	User Interface	Canva's web-based user interface.	HTML, CSS, JavaScript
2.	Application Logic-1	Canva's proprietary logic for design requests.	Java / Python
3.	Database	User data storage.	MySQL, NoSQL
4.	Cloud Database	Possible cloud-based data storage.	AWS or RDS or GCP Cloud SQL
5.	File Storage	Asset and project storage using cloud and local systems	Amazon S3,Google Cloud Storage
6.	External API-1	Canva might integrate with external APIs to provide additional design assets, such as stock images, illustrations, or icons. The specific APIs used by Canva are internal information.	Canva integrates with undisclosed external APIs for additional design assets.
7.	Machine Learning Model	Canva may employ machine learning models for features like image recognition, text extraction, or design suggestions. The exact machine learning models and technologies used by Canva are not usually publicly disclosed.	Canva may leverage machine learning models for functions like image recognition and text extraction, with specific models undisclosed

8.	Infrastructure (Server / Cloud)	Hosting on undisclosed servers or cloud.	Canva is hosted on undisclosed servers or cloud infrastructure, chosen for scalability and reliability.
----	---------------------------------	--	---

Table-2: Application Characteristics:

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	Canva is not based on open-source frameworks	Canva uses a proprietary tech stack, not open-source frameworks.
2.	Security Implementations	Canva implements security measures to protect user data and designs, but the specific security technologies and protocols used are proprietary and not disclosed.	Encryption, TLS
3.	Scalable Architecture	Canva's architecture is designed for scalability, but the internal architecture details are not made public.	Canva's architecture is designed for scalability, possibly with microservices, but specifics are undisclosed.