

## Project Design Phase-I Solution Architecture

Date	04.11.2023
Team ID	NM2023TM1D04226
Project Name	How to create a reel design using canva
Maximum Marks	4 Marks

### Solution Architecture:

- Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions. Its goals are to:
- **Requirements Analysis:** Understand and document the specific requirements and objectives of the solution. This includes functional, non-functional, and technical requirements.
- **System Components:** Define the major components and modules that will make up the system, including hardware, software, databases, and external services.
- **Technology Stack:** Choose the appropriate technologies, frameworks, and tools that best fit the project's needs, taking into account factors like scalability, performance, and security.
- **Data Management:** Design the database schema and data storage strategies. Consider data security, backup, and recovery.
- **Scalability:** Plan for scalability to accommodate future growth and increased usage. This may involve load balancing, distributed systems, and cloud services.

### Example - Solution Architecture Diagram:



