Requirement Analysis

Date	3 November 2023
Team ID	NM2023TMID09736
Project Name	How to create a Reel using Canva

A. Functional Requirements:

FR No.	Functional Requirement	Sub Requirement(Story/Sub-Task
FR-1	Video Recording and Editing	Camera Access
FR-2	Duration Limit	Established Limit

B. Non-functional Requirements:

FR No.	Non-Functional Requirement	Description
NFR-1	Performance	Instagram Reels should load quickly, with minimal latency, to provide a seamless user experience. Videos should start playing promptly after being selected.
NFR-2	Scalability	The system should be able to handle an increasing number of users and content uploads without a significant decrease in performance.
NFR-3	Reliability	Instagram Reels should be available and accessible to users around the clock with a high uptime rate, minimizing service interruptions.
NFR-4	Security	User data and uploaded Reels should be encrypted to protect against unauthorized access.
NFR-5	Privacy	Instagram Reels should adhere to privacy regulations and maintain user privacy by protecting sensitive user data.

Flow Charts:

THE INSTAGRAM
REELS ALGORITHM

**Create a Reel.
Shared to profile?**

**Reel only appears
in Reels Feed.
Does anyone
engage?**

**Reel appears in
follower's feed &
Reels Feed.
Do users engage?**

**Reel stops
circulating. Time
to re-think your
Reel strategy
& try again!**

**Reel continues to
circulate & rank
higher on hashtags
as engagement
increases.**

**Reel begins to appear on
selected #hashtags &
ranks higher in Reels Feed.
Do new users engage?**