



## Instagram - Srs

Software Engineering (Lovely Professional University)

**SOFTWARE ENGINEERING (CSE320)**

**PROJECT  
ON**

**‘INSTAGRAM’**

**[SYNOPSIS]**

Submitted by:

**Name:** Abhishek Kumar Gautam

**Reg. No:** 11805563

**Section:** K18TM

**Roll No:** 50

**LOVELY PROFESSIONAL UNIVERSITY  
PHAGWARA, PUNJAB**

## **Functional Requirements:**

### **F1 . Sign Up**

Input – Phone No/Email Address , name , password

Output – Account created.

### **F2 . Login**

Input - Username , password

Output – if valid then you are navigate to Home screen.

### **F3 . Story**

Input – Select image or video from gallery , create a new story using different tools available there.

Output – Story Created.

### **F4 . Post**

Input – Image /Video, Filter, Caption, Location, Tag

Output – Post created.

### **F5 . Follow**

Input – Click on follow button.

Output – Increment in following list.

### **F6 . Edit Profile**

Input – Profile Picture, Name, Username, Website, Bio, Category, Email, Gender

Output – Profile updated.

### **F7 . Followers**

Input – Click of 'followers' button

Output – Display list of followers.

#### **F8 . Like**

Input – Click on 'Heart' shaped icon

Output – Increment in likes count and change the icon colour to RED.

#### **F9 . Comment**

Input – Click on 'Comment' icon and write comment.

Output – Increment in comments count and display comment.

#### **F10 . Share**

Input – Click on 'Share' Icon and select whom you want to send or you can put it on your story.

Output – Send successful.

#### **F11 . View Insights**

Input – Click on 'View Insights' button

Output – Reach, Impressions, profile visits, Bookmarks.

#### **F12 . Promote**

Input – Click on 'Promote' button , select where to send people and select target audience. Select budget and payment method.

Output – Payment successful. Promotion created.

#### **F13 . Bookmark**

Input – Click on 'Bookmark' icon

Output – Post is Save in collection.

#### **F14 . View Story**

Input – Click on 'Story' icon on top.

Output – Story appear. You can send message to that person.

### **F15 . Search**

Input – Click on 'Search' icon . Type username and select from category.

Output – Display list of profiles related to username.

### **F16 . Message**

Input – Click on 'Message' button

Output – Take the user to chat box.

### **F17 . IGTV**

Input – Video and title with short description.

Output – IGTV video created and displayed on the profile page in IGTV section.

### **F18 . Highlight**

Input – List of stories , Title and image for highlight.

Output – Highlight created and displayed on the profile page.

### **F19 . Post with multiple images**

Input – Click on multiple icon. Select multiple images. Filter, Caption, Tag

Output – Post with multiple images created.

### **F20 . Archive**

Input – Select stories archive / posts archive

Output – Display all stories / posts as history.

### **F21 . Name Tag**

Input – Select Emoji and Scan name tag.

Output – Name tag is ready to share.

### **F22 . Saved**

Input – Create new collection. Select from existing collection.

Output – Bookmarked post will appear.

### **F23 . Close Friends**

Input – Make a private group of your close friends.

Output – Close friends list created.

### **F24 . Discover people**

Input – Select ‘Suggested’ or ‘Contacts’ option.

Output – List of profiles appear with ‘Follow’ button.

### **F25 . Settings**

Input – Click on ‘Settings’ button

Output – List appear with various options – Invite friends, Notifications, Business, Privacy, Security, Ads, Help, About, Add Account, Logout .

## **Non-Functional Requirements:**

1. Accessibility
2. Adaptability
3. Maintainability
4. Performance/response time
5. Platform/Device compatibility
6. Privacy (Compliance to privacy laws)
7. Data Integrity
8. Security (Cyber and physical)
9. Scalability (Horizontal or vertical)
10. Extensibility (adding features and customizations)