**INTRODUCTION:**

Instagram is a free, online photo-sharing application and social network platform. Instagram allows users to edit and upload photos and short videos through a mobile app. Users can add a caption to each of their posts and use hashtags and location-based geotags to index these posts and make them searchable by other users within the app. Each post by a user appears on their followers’ feeds and can also be viewed by the public when tagged using hashtags. Users also have the option of making their profile private so that only their followers can view their posts. Instagram users can like, comment on and bookmark others' posts, as well as send private messages to their friends via the Instagram Direct feature.

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| **Req-ID** | **REQUIREMENTS** | **DESCRIPTION** | **INPUTS** | **PROCESS** | **OUTPUT** |
| 1 | Create new account | A new user can create an account by giving the proper credentials. | User first name  User last name  Email ID  Phone no.  Date of Birth  Password | Retrieves the provided info and creates a new account | New account created |
| 2 | Upload display picture | User can add a display picture | Click on “photo”, select image to upload and click tap done. | User Clicks on “photo”, the “select “to select the image and then done to upload the image | Display picture uploaded |
| 3 |  |  |  |  |  |
| 4 | Search / Find Friends | The user can search and find other users. | User clicks on search bar and Enters the name of person. | User clicks on search bar  User Enters the name of person.  List of users of the given name displayed | Name of the person displayed |
| 5 | Send request | The user can send friend request to other users. | Tap on add friend | When user selects / clicks on “add friend”, a friend request sent displayed. | Request sent |
| 6 | Accept request | The user can accept friend request from other users | Friend request from another user. | When user clicks on accept button, the friend is added to his/her friend list. | Request accepted |
| 7 | Share Post | The user can share photos, videos or any information. | Click on the share post | User clicks on share, which is then transferred to write post and then the user clicks on share now button to share the post. | Post published / shared by the user |
| 8 | Send Message | The user can send instant personal messages to other users in his friend list and should be notified about successful delivery | Message typed by the user. | Click on message icon  Search and select the receiver  Type the message and click on send | 2 ticks marks to denote that message has been sent. |
| 9 | Send Files/ Attachments | User can send audio, video or images as attachments to other users | Required file attached. | Send the attached file to the intended receiver | Attachments sent with a tick to denote it. |
| 10 | Comments | Allows user to interact with other users. | Click on comments bar  Enter the comment  Click on post to post the publish the comment | Publish the comment on user’s attachment. | Comments published. |
| 11 | Upload pictures or videos | Users can upload videos or images in his/her account | Click “add video / add image” button, choose file, add description if any and post | Click on “photo/video”  Select photos/videos to be uploaded  Click on “upload” | Display uploaded images or videos successfully |
| 12 | Edit Profile | Allows user to add nicknames, about you etc and modify their profile | Upload name, about you, nicknames etc. | Check the information provided and process the request to edit. | Display information as given by user |
| 13 | Update profile | Allows user to update names, about you, display picture etc and update their profile | Request the user to update name, about you, nicknames, display picture, cover picture etc. | Check the information provided and process the request to update. | Display the updated information |
| 14 | Change Password | Allows user to update the password for more security |  | User selects Settings & Privacy, then tap Settings, followed by Security and Login, then scroll down and tap Change password. User updates the password and re-type new password, then tap Save Changes. | Update password |
| 15 | Create groups | Allows user to create groups by adding people from friend list | Click in the top right of Facebook and select Group.  Enter group name, choose the privacy option and then add people to group.  Click Create. | When user clicks on “groups”, transfer to “see all” and add name, description, people. Select the privacy setting and then select “save”. | New group created |
| 16 | Share stories | Allows user to share a post, images, videos or content through “Stories” | Click on create a story, add video or photo and click share. | When user clicks on “create a story”, transfer to “create a photo story” Select the privacy setting and then select “Share to story”. | Stories shared |
| 17 | Follow pages | Allows the user to follow a page for updates from that page | Click in the top left of any page on Facebook.  Enter the name of the Page and choose from the results.  Go to the Page  Click Follow |  | The Page “follow “button changes to “Following”. |
| 18 | Privacy Settings | Allows the user to set the privacy accordingly. | Request User to opt for different privacy setting options like who can view the profile, friend list etc. | Check the information provided, process the request and apply to update the settings. | Applied changes are reflected on user’s account. |
| 19 |  |  |  |  |  |
| 20 | Notifications | Users are updated about the Facebook activities | Tap on globe icon and click on see all. | Display the list of notifications when user clicks the globe icon | List of notifications displayed. |