CSCI 5601 – Milestone

Group Information

Group Name: Yellow

Group Project: Photos++ on phones

Purpose, Objectives and Background

Study Purpose

The purpose of the study is to understand how a good user experience(UX) can be provided to the users to organize, track and share memories on a phone. The study explores how users can organize photos or videos based on an event or a particular moment and share those photos or videos to specific target groups such as visually impaired users and old-age users. The study also examines how these photos can be shared while protecting the privacy of the users.

Objectives

We hope to learn the following from the study:

- How to do data elicitation using techniques like contextual enquiry
- How to analyze the collected data using affinity diagrams
- How to design and build a low fidelity prototype
- How to evaluate the prototype through cognitive walkthroughs

Literature Review

The need to undertake the study with 5 referenced papers arises to understand if currently some solutions are available that address our problem statements. Accordingly, in [1], the researchers are studying the problem of effectively organizing many photos from a single photo event stream. The findings of the study indicated that subjects valued the chronological order of the chapters more than maximizing screen space usage, and the participants found that the chapter-based photo organization approach was beneficial. This aligns well with our study's purpose of organizing photos.

In [2], the researchers provide valuable recommendations for designing solutions that enhance the small group photo management experience, enable sharing, and facilitate meaningful interactions with photos within the context of mobile devices. Besides this, the researchers in [3] suggest photo blurring while sharing photos to protect the privacy of the user. The researchers then calculate an optimum threshold for photo blurring accepted by the users. Privacy is one of the key considerations while sharing images and videos with others. Accordingly, one of the main themes of our project is photo or video sharing and privacy. Our prototype for the project can leverage photo and video blurring to protect the privacy of the users while sharing photos or videos.

To make our prototype universal, we kept in mind some other target groups such as old aged and visually impaired people. The study in [4], sheds important light on the requirements and difficulties older people

face while using digital technology by evaluating their interactions with computers and the internet. When organizing media content on phones, older users may experience physical and cognitive challenges, such as difficulty using small touchscreens and complicated interfaces. Their capacity to track and share photographs and videos can also be impacted by educational and cultural limitations, such as insufficient awareness and differing levels of digital literacy. In addition, the researchers in [5] explored the issues that persons with visual impairments encounter while sharing and organizing images and created a remedy that was specially created to address the needs of visually impaired users. They created an accessible smartphone application that enables users to browse through their photo library using audio cues and allows visually impaired users to capture photos along with audio recordings for background noise and descriptions. Our prototype can utilize such features.

Data Gathering, Data Analysis and Results of the Contextual Inquiry

Data Gathering

During the data gathering process, several interviews were conducted to gain insights into the themes of organizing and sharing photos on a phone. The main themes explored were:

Theme 1: Organizing photos/videos on phone based on event/moment.

The study aimed to understand individuals' current photo organization methods and their willingness to use an app for organizing photos based on events/moments. Interviews were conducted to identify challenges and gather feedback on potential features.

Theme 2: Organizing and sharing photos by specific target groups.

The theme explored individuals' experiences sharing photos with non-tech-savvy target groups, revealing methods and challenges encountered. Participants sought suggestions for improving accessibility and ease of sharing. Theme

Theme 3: Photo sharing and Privacy

The third theme explored privacy concerns and risks in sharing personal photos. Interviews examined current methods, privacy issues, and attitudes, as well as approaches to securing privacy and obtaining consent.

The data gathering process involved conducting interviews with participants who were asked a set of main questions, with additional probing and follow-up questions to delve deeper into their experiences, preferences, and suggestions. The interviews were designed to be open-ended, allowing participants to share their own perspectives and experiences without being influenced by specific app features or solutions. In addition to the main themes, general questions were asked to gather more background information and opinions related to photo management and sharing. These questions aimed to understand participants' current app usage, difficulties faced in sharing photos, willingness to adopt new apps, and considerations regarding privacy and data protection.

The data gathered from these interviews will serve as valuable insights for further exploration and development of solutions related to organizing and sharing photos on mobile devices.

Data Analysis and Results

The data gathered from the interviews was analyzed using an affinity diagram to identify patterns, themes, and key insights. The affinity diagram process involved categorizing the interview responses into related groups to find common themes and connections. This analysis helped in understanding the participants' perspectives on organizing and sharing photos on mobile devices.

The results of the affinity diagram process revealed the following themes:

Theme 1: Organizing photos/videos on the phone based on event/moment:

Participants shared their current methods of organizing photos in their phone galleries. Some relied on manual sorting, while others mentioned using existing features within their gallery apps, such as tagging or album creation. However, many participants expressed frustration in finding specific photos, especially when trying to recall them based on events or moments. The desire for an app that automatically organizes photos based on events or moments was evident. Participants felt that such an app would alleviate the burden of manual organization and enhance their ability to locate desired photos quickly. '

Theme 2: Organizing and sharing photos by specific target groups:

Participants highlighted the challenges they faced when attempting to share photos with specific target groups, particularly individuals who are not tech-savvy, such as older family members. They mentioned difficulties in explaining the sharing process and the need for simpler methods that cater to the technological limitations of these individuals. Participants expressed a desire for a user-friendly app that would facilitate easy sharing, possibly through simplified interfaces or step-by-step guidance.

Theme 3: Photo sharing and Privacy:

Privacy concerns were a prominent theme discussed during the interviews. Participants raised concerns about sharing personal photos on public platforms and the potential risks associated with it. They emphasized the importance of protecting the privacy of individuals appearing in the photos, especially those who may not be aware of their photos being shared. Participants expressed a need for features that enable easy privacy management, such as blurring or obscuring faces and providing clear consent mechanisms for sharing photos publicly.

These themes are directly aligned with the objectives set in the initial section, which aimed to understand the challenges faced by individuals in organizing and sharing photos on mobile devices. The results highlight the participants' desire for more efficient and intuitive ways to organize their photos based on events or moments. Additionally, the need for user-friendly sharing methods that cater to non-tech-savvy individuals and the importance of privacy considerations were emphasized.

The results of the affinity diagram process provide valuable insights for the development of solutions in the field of photo organization and sharing. They inform the direction for designing apps or features that

automate photo organization, simplify the sharing process for specific target groups, and enhance privacy controls. These findings will guide the subsequent phases of the research, focusing on ideation and prototype development to address the identified themes and meet the participants' needs and preferences.

Sketching, Data Modeling and Prototype Description

Sketching

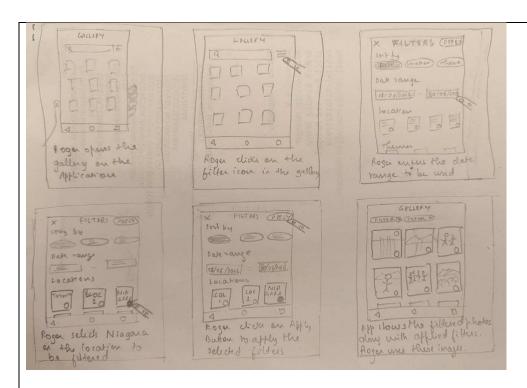
The process of creating these 10x10 designs based on our affinity diagram involves conducting user research, collecting insights, and generating a comprehensive affinity diagram. This diagram helped us identify common themes, pain points, and desired features related to photo management and sharing. With the affinity diagram as our foundation, we brainstormed ideas for potential designs that addressed the identified user needs and preferences. We decided to go with three of the five design themes that we came up with, based on the analysis those 3 themes were the main pain points that came up repeatedly in user research.

The first theme was user authentication for sharing and receiving photos. User would authenticate by using face recognition system, only after authentication the user would be able to see the gallery. And upon selecting a particular photo he would get options to secure the image by options like blurring or masking faces of other people that the user doesn't want other people to see. And after sharing the photos the user on the receiving end has to authenticate again to see if the user is in the photo or not. And if present he can see the photo or else can't access it.

The second theme was based on guiding new users through apps' various functionality. To make the user friendly with the app there were various ways used to help the user i.e., User guide, like video of how to use a particular tool, voice command and assistance, demos of features. Links were given as well to get familiar with the app.

The third theme was searching and sorting images, i.e., finding images quickly and easily. Apps will have various filters options like filtering images based on date, location and theme . Upon selecting any one filter the images will be presented to the user.





Data Modeling

Persona description:- Farhan is an experienced photographer and works for clients and wants to find and search images as and when necessary. He is also avid traveler and an extrovert. He is frustrated as he cannot find images easily and also wants to share the images securely to the person receiving on the other end. And as he is new to the app or anyone would be so, he needs a guide through the app of what functionality works how and how to access it.

Motivational scenarios:

Scenario 1: Sunny likes taking her travel group to various beautiful places. This travelling party includes his friends. They went to Rainbow Beach and took numerous photos with their smartphones. Sunny wants to safely share these pictures with her travelling companions. Sunny opens app's share dialogue. Options such as masking and face authentication are available in the app's sharing dialogue. In order to hide faces in the background that are not members of the travelling party, Sunny selects the images she wants to share and uses masking to blur them. She then decides which group or members will receive the images. The group members then receive a notification that images have been shared.

Scenario 2: Michael wants to show the pictures of a recent trip he took with his grandchild. However, he lacks tech knowledge and is unfamiliar with the functions of photo gallery apps. First time user Michael uses our app.

Michael visits the local library to learn more about the app. When he installs and launches the app, he sees the user manual and instructions for navigating the app. He receives prompts with demonstrations of the app's features, voice prompts, a brief video on how to use the app, FAQs, and other useful resources.

Scenario 3: Zoro, Jack, and Brook, three of Roger's friends, all enjoy travelling. Throughout the year 2022, they travelled across Canada, stopping at a number of different places. In June 2022, Roger and his companions travelled to the Niagara Falls.

Now, Roger wants to update his Instagram profile with the photos he took at Niagara Falls. So that he can find the images quickly, he wants to search and filter his photos. For this, the app offers text and filters. On the app, Roger applies the necessary filters. He is then shown the filtered images by the app. Then Roger posts these photos to Instagram.

Prototype Description

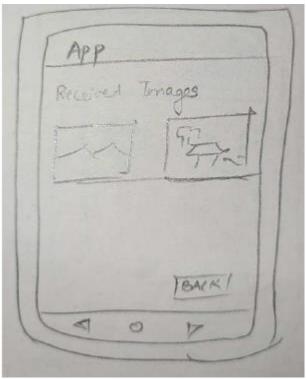
We developed our prototype by rough sketching using just paper & pencil. After carefully taking the themes and features into consideration from affinity diagram we made our Low fidelity prototypes for each of the features and listed down their normal use cases and alternative use cases.

Feature1: Sharing images

- This image describes the main function of masking the person's face. We considered the security perspective of the user for choosing this feature. The user selects the images then choses on whom the masking is to be applied, either he wants to blur the photo or add an emoticon. After successfully masking the image the user can share the image. And only after proper authentication on the receiver's end the the receiver can see the image.

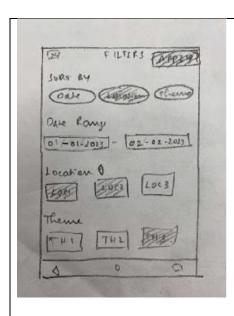






Feature2: Quick search

- The user can type in particular keywords and find images based on the keywords.
- We have created a filters feature which let's the user filter based on location, date and the themes. On selecting the selection the user is presented with the filtered images based on the selection.
- Upon setting the filters that the user wants, he is presented with the filtered images based on the selection.



Cognitive Walkthrough Description

Feature 1: Sharing

Task: Sharing images securely with masking/blurring.

Use Cases:

- The user opens the sharing dialog from the gallery.
- The app displays the sharing dialog with a list of images. The user selects the required photos from the list. The clicks on the button to move ahead. The app checks if at least one image is chosen.
- The app shows the masking dialog to the user. The user selects portions of the image to be masked. The user chooses between emoticon masking and blurring for the selected portions. The user confirms selection by clicking on the button.
- The app validates the selections and masking options chosen by the user. The app then scans the visible faces to identify the recipients.
- The app then proceeds to the next screen for mode of sharing. The user confirms the recipients and chooses the mode of sharing. The app verifies the recipients and mode of sharing.
- The app sends the images to the selected recipients. The app shows success notice to the user.
- The recipients receive notification on their phone from the app for the shared images.
- The recipient opens the app to receive the images. The app scans the recipients face to authenticate the transfer.
- The app then displays the shared images to the user.

Feature 2: Searching

Task: Quickly search for required images

Use cases:

- The user opens the gallery on the app. The app shows the gallery dialog with search bar and filter icon. The user enters keyword for search. The app verifies if the keyword is valid.
- The user clicks on the filter's icon to open filter dialog. The app opens the filter dialog with default sorting option as date.
- The user selects required sorting from given options. The app switches from the default sorting option to the selected.
- The user enters the start date and the end date.
- The user chooses the required locations from the list or by setting location. The app verifies if the selected locations are valid.
- The user chooses the required themes from the list.
- The user confirms selections by clicking on the Apply.
- The app verifies the filter and sorting selections. The app displays the filtered images to the user. The app also shows the selected filters

Feature 3: User accessibility

Task: Provide help to user for any task.

Use cases:

- The user opens the help button on the app.
- The app shows the help dialog with both text and voice search
- The user clicks on voice search option.
- The app requests the user to speak for help.
- The app then processes the user's request.
- The app shows various links related to the user's request (Sharing in this case).
- The user selects the link that suits them the most.
- The app then shows a video dialog with text instructions at the bottom.
- The user clicks on the play icon to play the tutorial.

 The can forward or rewind the video to understand the functionality.
- The user scrolls down to look at text instructions.
- The user exits the help using the close.

References

- [1] Jesse Prabawa Gozali, Min-Yen Kan, and Hari Sundaram. 2012. How do people organize their photos in each event and how does it affect storytelling, searching and interpretation tasks? In Proceedings of the 12th ACM/IEEE-CS joint conference on Digital Libraries (JCDL '12). Association for Computing Machinery, New York, NY, USA, 315–324. https://doi.org/10.1145/2232817.2232875.
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- [3] Yasuhiro Tanaka, Akihisa Kodate, Yu Ichifuji, and Noboru Sonehara. 2015. Relationship between Willingness to Share Photos and Preferred Level of Photo Blurring for Privacy Protection. In Proceedings of the ASE BigData & Data & SocialInformatics 2015 (ASE BD& Data & Sociation for Computing Machinery, New York, NY, USA, Article 33, 1–5. https://doi.org/10.1145/2818869.2818931.
- [4] Allegra W. Smith. 2019. User experience design for older adults: experience architecture and methodology for users aged 60+. In Proceedings of the 37th ACM International Conference on the Design of Communication (SIGDOC '19). Association for Computing Machinery, New York, NY, USA, Article 17, 1–9. https://doi.org/10.1145/3328020.3353952.
- [5] Susumu Harada, Daisuke Sato, Dustin W. Adams, Sri Kurniawan, Hironobu Takagi, and Chieko Asakawa. 2013. Accessible photo album: enhancing the photo sharing experience for people with visual impairment. In Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '13). Association for Computing Machinery, New York, NY, USA, 2127–2136. https://doi.org/10.1145/2470654.2481292.

Appendices

Appendix A – Persona

Appendix B -- Tasks, Scenarios, Use Cases and Prototype for each feature

Appendix C – Cognitive Walkthrough Sheets

Appendix D – Work Breakdown

Note: each Appendix should start on a new page.

Appendix A – Persona



Farhan Qureshi

Bio

Farhan is an experienced and passionate photographer who has been capturing moments through his lens for over a decade. He obtained a degree in Fine Arts with a specialization in Photography and has since honed his skills through various projects and assignments. Farhan has worked for both private clients and commercial enterprises, gaining a reputation for his creativity, attention to detail, and ability to capture emotions in his photographs.

Goals

- Every image is stored according to it's characteristics.
- · wants to find the images easily.
- · Can share fast and in a secure way

General info

Age Location Occupation Marital Status

Halifax Photographer Single Typically uses 5 apps

Technical Comfort

Habits

- · He is photogenic, an avid traveller and uses to manage images.
- He sarches for a specific image based on time or how recent was it clicked.
- He is very active on social media and wants to share photos with friends and family.

Frustrations

- · Gets annoyed when can't find the image
- · Gets annoyed when can't share image easily
- Gets frustrated when image is not shared securely
- · when someone sees the shared image which was not meant to be seen by the person.
- · annoyed when there is no help section or tutorial on how to use new features
- · gets annoyed when no other option than typing for opeing features

Personality Extrovert Creative Not creative Casual Professional Observant Ignorant

What He'd Like in an App

- · Efficient image searching feature
- Image storing feature based on the type of image
- Easy and secure way to share the image
- authentication of people present in the photos
 help in Navigation to features
 voice assistant option

Appendix B – Task, Scenario, Use-cases and Prototype images

Features	Description of the feature
Sharing images with	This feature enables users to safely share images while protecting the
masking and authentication	privacy of the user. The user can mask/blur the faces of unknown
	members on the images. The feature also detects the known faces to
	show the list of possible recipients from this image.
	Finally, the feature provides ways to safely share the images.
User accessibility	This feature enables novice user to use the app in an easy and productive way.
	It aids user with hands on practice
Quick search	This feature enables quick searching of images. The user can nm use
	various and sorting and filtering options to be able to quickly find the
	required images. The filtering includes options like date,
	location, and theme.

Feature1: Sharing images.

Task Name: Sharing images securely with masking/blurring.

Task Scenario: Sunny enjoys visiting various scenic locations with here travel group. There are 4 other members in this travel group, Jenny, Audrie, John, and Mike. They visited Rainbow beach last week and clicked a lot of images on everyone's phones. Sunny wants to share these photos with her travel group securely. Sunny opens the app's share dialog. The app's sharing dialog provides options like masking and face authentication. Sunny chooses the images that she wants to share and applies masking to blur faces in the background, who are not part of the travel group. She then chooses the members/group with whom the images are to be shared. The group members then receive a notification that images have been shared.

Use-Case

Normal Case

- 1. The user opens the sharing dialog from the gallery.
- 2. The app displays the sharing dialog with list of images.
- 3. The user selects the required photos from the list.
- 4. The clicks on the button to move ahead.
- 5. The app checks if at least one image is chosen.
- 6. The app shows the masking dialog to the user.
- 7. The user selects portions of the image to be masked.
- 8. The user chooses between emoticon masking and blurring for the selected portions.
- 9. The user confirms selection by clicking on the button.
- 10. The app validates the selections and masking options chosen by the user.
- 11. The app then scans the visible faces to identify the recipients.
- 12. The app then proceeds to the next screen for mode of sharing.
- 13. The user confirms the recipients and chooses the mode of sharing.
- 14. The app verifies the recipients and mode of sharing.
- 15. The app sends the images to the selected recipients.
- 16. The app shows success notice to the user.
- 17. The recipients receive notification on their phone from the app for the shared images.
- 18. The recipient opens the app to receive the images.
- 19. The app scans the recipients face to authenticate the transfer.

The app then displays the shared images to the user.

Alternative Case

- 5.1. No images are selected. The app asks the user to select at least 1 image.
- 11.1. App is not able to recognize any faces. The app asks the user to manually selectrecipients.
- 14.1. Some recipients are invalid. The app notifies the user of invalid recipients.
- 18.1. The user is not able to authenticate by face match. The app requests user to entersecret code for transfer instead.

Prototype Images (you may have more or fewer images than rows – add and delete as necessary)

Image 1: Steps ____1___



Image 2: Steps _____2-5____



Image 3: Steps _____6-9



Image 4: Steps _____10-11____



Image 5: Steps ____12-14____



Image 6: Steps _____15-16____



Image 7: Steps ____17____

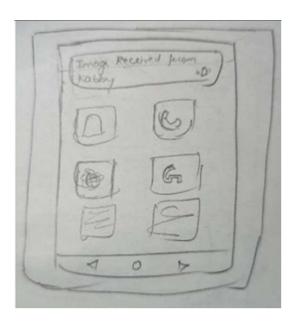
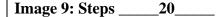
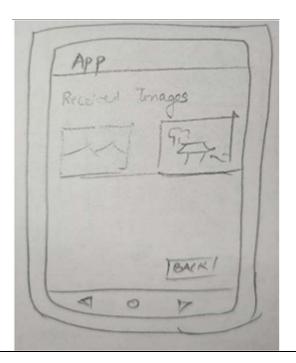


Image 8: Steps ____18-19____







Feature2: Quick Search

Task Name: Sorting and filtering for quick search

Task Scenario: Roger and his friends Zoro, Jack, and Brook love to travel. They have visited several locations all around Canada during the year 2022 as a part of their Canada wide trip. During this trip Roger and his friends visited the Niagara Falls in June 2022. Roger now wants to add the images from Niagara Falls to his Instagram profile. So, he wants to search and filter his photos so that he can find the images easily. The app provides text and filters for thispurpose. Roger applies the required filters on the app. The app then shows him the filtered images. Roger then uses these images for Instagram.

Use-Case

Normal Case

- 1. The user opens the gallery on the app.
- 2. The app shows the gallery dialog with search bar and filter icon.
- 3. The user enters keyword for search.
- 4. The app verifies if the keyword is valid.
- 5. The user clicks on the filter's icon to open filter dialog.
- 6. The app opens the filter dialog with default sorting option as date.
- 7. The user selects required sorting from given options.
- 8. The app switches from the default sorting option to the selected.
- 9. The user enters the start date and the end date.
- 10. The app verifies if the dates are valid.
- 11. The user chooses the required locations from the list or by setting location.
- 12. The app verifies if the selected locations are valid.

- 13. The user chooses the required themes from the list.
- 14. The user confirms selections by clicking on the Apply.
- 15. The app verifies the filter and sorting selections.
- 16. The app displays the filtered images to the user.
- 17. The app also shows the selected filters

Alternative Case

- 4.1. The keyword contains invalid characters. The app asks user to fix this.10.1. The user dates are invalid. The app asks user to fix the dates.
- 12.1. The entered location(s) are invalid. The apps ask user to select valid locations.
- 16.1. No images match the selected filters. The apps notify user that no images match filters

Prototype Images (you may have more or fewer images than rows – add and delete as necessary)

Image 1: Steps ____1-4___



Image 2: Steps ____5-6___

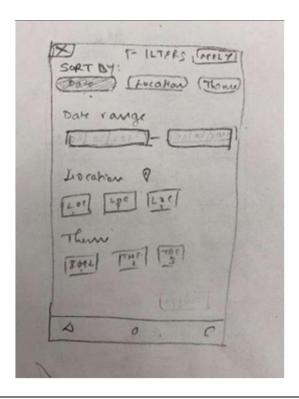


Image 3: Steps _____7-8____

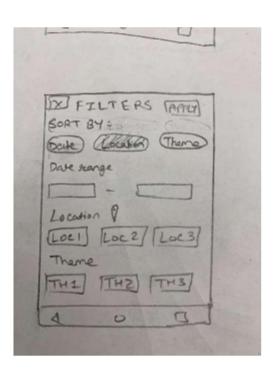


Image 4: Steps _____9-10____

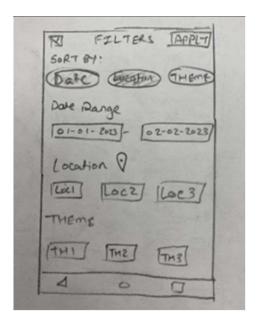


Image 5: Steps ____11-12___



Image 6: Steps ___13____



Image 7: Steps ____ 14_____

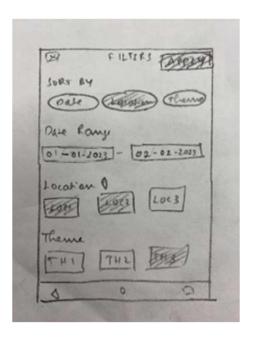


Image 8: Steps ____15-17____



Feature3: User accessibility

Task Name: Provide help to user for any task.

Task Scenario: Joe(70y) and his friends Jane, John, and Jack got together during a reunion. Joe clicked a lot of photos of the event to preserve the memories. Jack requested Joe to share the photos containing him. Joe is not very tech savvy, so he uses the Help section of theapp. Joe is not very good at typing, so he uses the voice search options to navigate to the required section. Joe watches the tutorial to share photos and shares images with Jack.

Use-Case

Normal Case

- 1. The user opens the help button on the app.
- 2. The app shows the help dialog with both text and voice search.
- 3. The user clicks on voice search option.
- 4. The app requests the user to speak for help.
- 5. The app then processes the user's request.
- 6. The app shows various links related to the user's request (Sharing in this case).
- 7. The user selects the link that suits them the most.

- 8. The app then shows a video dialog with text instructions at the bottom.
- 9. The user clicks on the play icon to play the tutorial.
- 10. The can forward or rewind the video to understand the functionality.
- 11. The user scrolls down to look at text instructions.
- 12. The user exits the help using the close button

Alternative Case

- 3.1. The user has not given sound permission to the app. App prompts user to give access.
- 5.1. The app cannot recognize the instructions from the voice. App shows message to notifyuser.

Prototype Images (you may have more or fewer images than rows – add and delete as necessary)

Image 1: Steps ____1__

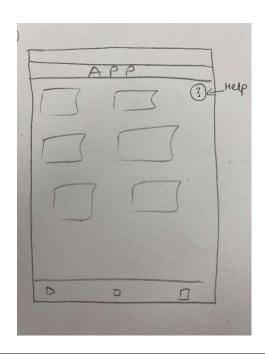


Image 2: Steps _____2___

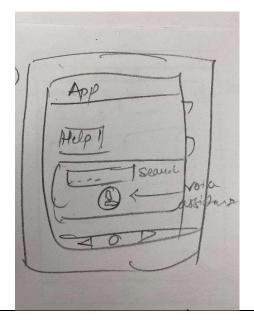


Image 3: Steps ____3___

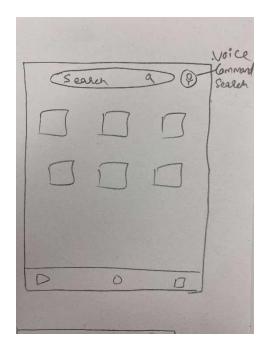


Image 4: Steps ____4__



Image 5: Steps ____5___



Image 6: Steps ____6___

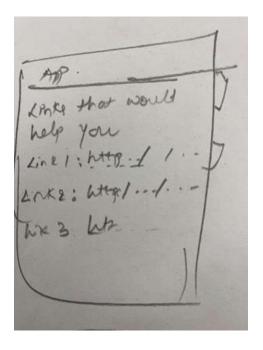


Image 7: Steps _____7___

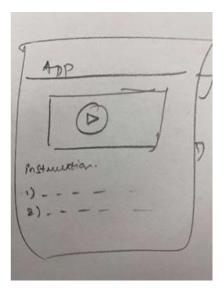


Image 8: Steps _____8-10____

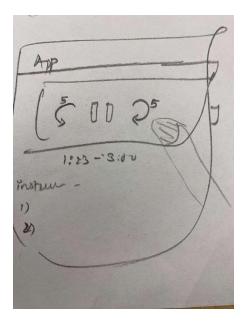


Image 9: Steps ____11____

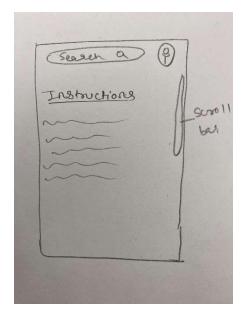
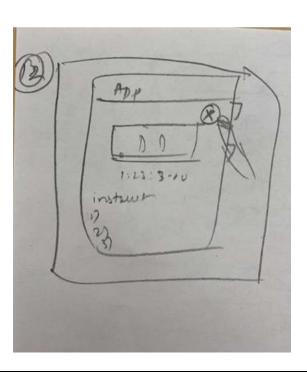


Image 9: Steps ____12___



Appendix C - Cognitive Walkthrough Sheets

Eval	luati	on	1	

Names of Evaluators: Saumya Shah

Date of Evaluation:	_19/07/23

Instructions:

In pairs, the evaluators will be walkthrough the system for each task. For each step of the use-case the evaluators will answer three questions – if Farhan will know what action to take, how to do the action, and then if Farhan can tell if the actions taken is correct (yes, no or maybe with a short reasons). Give any problems (a "No" or "Maybe" a severity rating from 1 to 5 (where 1 is minor and 5 is critical).

Description of System:

Mobile application to organize, search and share images. The system aims to make the sharing, organizing, and searching of photos easier for the user. The app lets the user organize images based on criteria like location, theme, and date. The app also provides text search and filters to easily find required images. The user is also given an option to share images securely while maintaining privacy of users in the image. It also provides masking options to hide faces.

Typical Users:

Farhan, who enjoys travelling with their group of friends. Uses an app to organize and share photos. He is also an Instagram influencer who likes to post images from travel. He uses the app to quickly search and filter images and then easily share it on instagram.

Joe, a 70-year-old person, is not very tech savvy. They find it difficult to share images. They use the apps help feature to get information regarding the features.

Typical Tasks: [List the main uses and tasks of the system]

- Sharing images securely
- Sharing images with masking feature
- Organize images based on location, theme, and date.
- Search and filter images based on location, theme, and date.
- Help section to provide users with video and text tutorials to perform any task

Cognitive Walkthrough Sheet [**Evaluation Sheet/s – Feature 1**]

Task Title: Sharing images securely with masking/blurring.

Task Scenario: Farhan enjoys visiting various scenic locations with their travel group. There are 4 other members in this travel group, Jenny, Audrie, John, and Mike. They visited Rainbow beach last week and clicked a lot of images on everyone's phones. Farhan wants to share these photos with their travel group securely. Farhan opens the app's share dialog.

The app's sharing dialog provides options like masking and face authentication. Farhan chooses the images that they wants to share and applies masking to blur faces in the background, who are not part of the travel group. They then chooses the members/group with whom the images are to be shared. The group members then receive a notification that images have been shared.

Step 1-4: The user opens the sharing dialog from the gallery.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be				2
sufficiently evident to	Yes, because they			
Farhan? ("Know what to	have user guides to			
do?" -Will the Farhan know	help them			
what to do to open the				
sharing dialog?)				
Will the Farhan notice that			Maybe, because the	2
the correct action is			user can see the	
available? ("See how to do			button but it does not	
it" - Can users see the button			have like "GO"	
or menu item that they should			button or to search	
use for opening the sharing			which may confuse	
dialog? Is it apparent when			the user	
needed?)				
Will the Farhan associate	Yes, because the			1
and interpret the response	users do get notified			
from the action correctly	when any change			
("Understand correct	made			

action/not correction" - will		
users know from the feedback		
that they have made a correct		
or incorrect choice of action?)		

Step 2-5: The app displays the sharing dialog with a list of images. The user selects the required photos from the list. The clicks on the button to move ahead. The app checks if at least one image is chosen.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be				
sufficiently evident to				1
Farhan? ("Know what to	Yes, because of user			
do?" -Will the Farhan know	guides provided			
what to do to achieve the				
task?)				
Will the Farhan notice that				
the correct action is				1
available? ("See how to do	Yes, it is easy to			
it" - Can users see the button	understand from the			
or menu item that they should	UI			
use for the next action? Is it				
apparent when needed?)				
Will the Farhan associate			Maybe, because not	
and interpret the response			all the people of age	M

from the action correctly	group can interpret
("Understand correct	from the UI
action/not correction" - will	
users know from the feedback	
that they have made a correct	
or incorrect choice of action?)	

Step 6-9: The app shows the masking dialog to the user. The user selects portions of the image to be masked. The user chooses between emoticon masking and blurring for the selected portions. The user confirms selection by clicking on the button.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be			Maybe, because not	
sufficiently evident to			all the people know	2
Farhan? ("Know what to			what masking is	
do?" -Will the Farhan know				
what to do to achieve the				
task?)				
Will the Farhan notice that				
the correct action is				1
available? ("See how to do	Yes, because the			
it" - Can users see the button	masking option is			
or menu item that they should	pretty visible			
use for the next action? Is it				
apparent when needed?)				

Will the Farhan associate			
and interpret the response	Yes, because the user		
from the action correctly	can see the changes		
("Understand correct	hee made		
action/not correction" - will			
users know from the feedback			
that they have made a correct			
or incorrect choice of action?)			

Step 10-11: The app validates the selections and masking options chosen by the user. The app then scans the visible faces to identify the recipients.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be				
sufficiently evident to				2
Farhan? ("Know what to	Yes, it is easy to			
do?" -Will the Farhan know	understand after			
what to do to achieve the	masking the image			
task?)				
Will the Farhan notice that				
the correct action is	Yes, the menu can be			2
available? ("See how to do	easily seen			
it" - Can users see the button				
or menu item that they should				

use for the next action? Is it			
apparent when needed?)			
Will the Farhan associate			
and interpret the response	Yes, user do get		1
from the action correctly	notified when action is		
("Understand correct	done		
action/not correction" - will			
users know from the feedback			
that they have made a correct			
or incorrect choice of action?)			

Step 12-14: The app then proceeds to the next screen for mode of sharing. The user confirms the recipients and chooses the mode of sharing. The app verifies the recipients and mode of sharing.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating (1-5)
Will the correct action be sufficiently evident to Farhan? ("Know what to do?" -Will the Farhan know what to do to achieve the task?)	Yes, user can easily get the idea from the screen			2
Will the Farhan notice that the correct action is available? ("See how to do				1

it" - Can users see the button or menu item that they should use for the next action? Is it apparent when needed?)	Yes, because of the "Next" button so user can know		
Will the Farhan associate and interpret the response from the action correctly ("Understand correct action/not correction" - will users know from the feedback that they have made a correct or incorrect choice of action?)		Maybe, like people from all age group could understand the next step	3

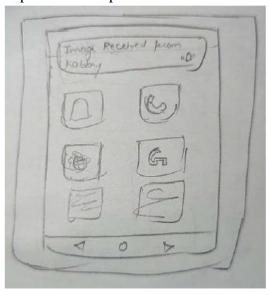
Step 15-16: The app sends the images to the selected recipients. The app shows success notice to the user.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be				
sufficiently evident to	Yes, easily understood			1
Farhan? ("Know what to	for the user			
do?" -Will the Farhan know				
what to do to achieve the				
task?)				
Will the Farhan notice that				
the correct action is				1
available? ("See how to do				

it" - Can users see the button	Yes, easy to		
or menu item that they should	understand		
use for the next action? Is it			
apparent when needed?)			
Will the Farhan associate			
and interpret the response	Yes, user get notified		2
from the action correctly	sending the message		
("Understand correct			
action/not correction" - will			
users know from the feedback			
that they have made a correct			
or incorrect choice of action?)			

Step 17: The recipients receive notification on their phone from the app for the shared images.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating (1-5)
Will the correct action be sufficiently evident to Farhan? ("Know what to do?" -Will the Farhan know what to do to achieve the task?)	Yes, user get notified so nothing to think about			1
Will the Farhan notice that the correct action is available? ("See how to do it" - Can users see the button			Maybe, because Farhan can do	2

or menu item that they should	noth	ning as the other	
use for the next action? Is it	gets	notified	
apparent when needed?)			
Will the Farhan associate			
and interpret the response	May	ybe. As they 2	
from the action correctly	migi	ht get notified or	
("Understand correct	not s	get notified	
action/not correction" - will			
users know from the feedback			
that they have made a correct			
or incorrect choice of action?)			

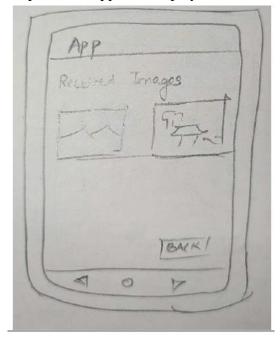
Step 18-19: The recipient opens the app to receive the images. The app scans the recipients face to authenticate the transfer.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating (1-5)
Will the correct action be sufficiently evident to Farhan? ("Know what to do?" -Will the Farhan know			Maybe, depends on the other user	2

what to do to achieve the			
task?)			
Will the Farhan notice that			
the correct action is	Yes, the people get		1
available? ("See how to do	notified and then for		
it" - Can users see the button	face authentication so		
or menu item that they should	yes		
use for the next action? Is it			
apparent when needed?)			
Will the Farhan associate			
and interpret the response	Yes, because the		2
from the action correctly	image will load only		
("Understand correct	after a face scan		
action/not correction" - will			
users know from the feedback			
that they have made a correct			
or incorrect choice of action?)			

Step 20: The app then displays the shared images to the user.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)

Will the correct action be			
sufficiently evident to			1
Farhan? ("Know what to			
do?" -Will the Farhan know	Yes, as it will open		
what to do to achieve the	the image		
task?)			
Will the Farhan notice that			
the correct action is		Maybe, because it is	3
available? ("See how to do		not specified where	
it" - Can users see the button		the image will be	
or menu item that they should		shown	
use for the next action? Is it			
apparent when needed?)			
Will the Farhan associate			
and interpret the response	Yes, only after correct		2
from the action correctly	face scan image gets		
("Understand correct	loaded		
action/not correction" - will			
users know from the feedback			
that they have made a correct			
or incorrect choice of action?)			

Cognitive Walkthrough Sheet [Evaluation Sheet/s – Feature 2]

Task Title: Quick search

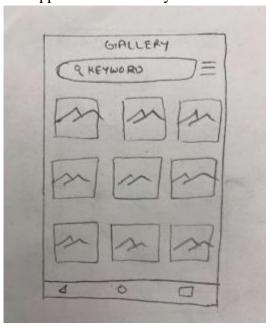
Task Scenario: Roger and his friends Zoro, Jack and Brook love to travel. They have visited several locations all around Canada during the year 2022 as a part of their Canada wide trip. During this trip Roger and his friends visited Niagara Falls in June 2022. Roger now wants to add the images from Niagara Falls to his Instagram profile. So, he wants to search and filter his photos so that he can find the images easily. The app provides text and filters for this purpose. Roger applies the required filters on the app. The app then shows him the filtered images. Roger then uses these images for Instagram.

Step 1-4: The user opens the gallery on the app.

The app shows the gallery dialog with search bar and filter icon.

The user enters keyword for search.

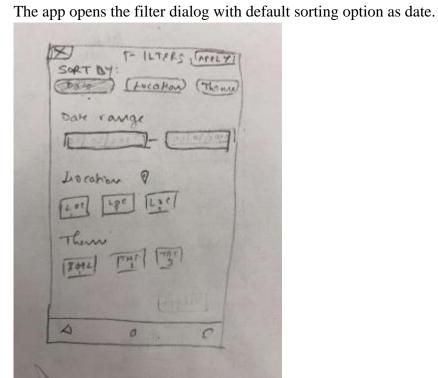
The app verifies if the keyword is valid.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be				
sufficiently evident to				1
Farhan? ("Know what to				
do?" -Will the Farhan know	Yes, the search filter			
what to do to achieve the	can be easily found			
task?)				
Will the Farhan notice that				
the correct action is				1
available? ("See how to do	Yes, because it is			
it" - Can users see the button	easily visible to the			
or menu item that they should	user			
use for the next action? Is it				
apparent when needed?)				
Will the Farhan associate				
and interpret the response	Yes, can see the			2
from the action correctly	results of the search so			
("Understand correct	he can know			
action/not correction" - will				
users know from the feedback				

that they have made a correct		
or incorrect choice of action?)		

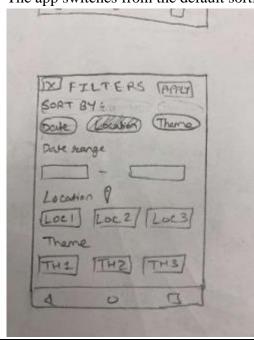
Step 5-6: The user clicks on the filter's icon to open filter dialog.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating (1-5)
Will the correct action be sufficiently evident to Farhan? ("Know what to do?" -Will the Farhan know what to do to achieve the task?)	Yes, user can easily understood what to do from UI			2
Will the Farhan notice that the correct action is available? ("See how to do it" - Can users see the button or menu item that they should use for the next action? Is it apparent when needed?)	Yes, the search and filter button is pretty visible			1
Will the Farhan associate and interpret the response from the action correctly ("Understand correct action/not			Maybe, as if an old user wants to sort images based on	М

correction" - will users know	keyword he will
from the feedback that they	not find it
have made a correct or	
incorrect choice of action?)	

Step 7-8: The user selects required sorting from given options. The app switches from the default sorting option to the selected.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be				
sufficiently evident to	Yes, can be seen			1
Farhan? ("Know what to	from the UI			
do?" -Will the Farhan				
know what to do to achieve				
the task?)				
Will the Farhan notice				
that the correct action is				1
available? ("See how to do	Yes, because all the			
it" - Can users see the	filters options are			
button or menu item that	available on the			
they should use for the next	screen			
action? Is it apparent when				
needed?)				
Will the Farhan associate				
and interpret the				2
response from the action				

correctly ("Understand	Yes, user can use		
correct action/not	any filter to get the		
correction" - will users	desired results		
know from the feedback			
that they have made a			
correct or incorrect choice			
of action?)			

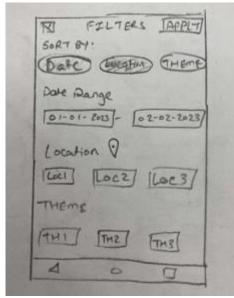
Step 9-10: The user enters the start date and the end date.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be				
sufficiently evident to			Maybe, as user has	2
Farhan? ("Know what to			to click on the	
do?" -Will the Farhan			filters too see that	
know what to do to achieve				
the task?)				
Will the Farhan notice				
that the correct action is			Maybe, as he might	2
available? ("See how to do			have to search it	
it" - Can users see the				
button or menu item that				
they should use for the next				
action? Is it apparent when				
needed?)				
Will the Farhan associate	Yes, he can see the			
and interpret the	results after			2
response from the action	selecting the date			
correctly ("Understand				

correct action/not		
correction" - will users		
know from the feedback		
that they have made a		
correct or incorrect choice		
of action?)		

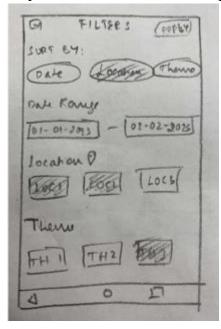
Step 11-12: The user chooses the required locations from the list or by setting location. The app verifies if the selected locations are valid.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be				
sufficiently evident to			Maybe, because he	2
Farhan? ("Know what to			has to know where	
do?" -Will the Farhan			to select location	
know what to do to achieve				
the task?)				
Will the Farhan notice				
that the correct action is			Maybe, as he has to	2
available? ("See how to do			first navigate to	
it" - Can users see the			filters and then	
button or menu item that			loation	
they should use for the next				
action? Is it apparent when				
needed?)				
Will the Farhan associate				
and interpret the	Yes, as the user will			1
response from the action	get the images based			

correctly ("Understand	on the location as		
correct action/not	output		
correction" - will users			
know from the feedback			
that they have made a			
correct or incorrect choice			
of action?)			

Step 13: The user chooses the required themes from the list.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating
				(1-5)
Will the correct action be				
sufficiently evident to				1
Farhan? ("Know what to	Yes, if he has			
do?" -Will the Farhan know	navigated to filter			
what to do to achieve the	he can find it			
task?)				
Will the Farhan notice that				
the correct action is	Yes, user can see			1
available? ("See how to do	the theme options			
it" - Can users see the button	available			
or menu item that they				
should use for the next				
action? Is it apparent when				
needed?)				

Will the Farhan associate	
and interpret the response	Yes, as the user get
from the action correctly	notified after
("Understand correct	filtering based on
action/not correction" - will	themes
users know from the	
feedback that they have	
made a correct or incorrect	
choice of action?)	

Step 14: The user confirms selections by clicking on the Apply.



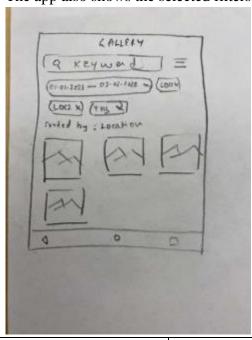
Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be				
sufficiently evident to	Yes, he just has to			1
Farhan? ("Know what to	click on the button			
do?" -Will the Farhan				
know what to do to achieve				
the task?)				
Will the Farhan notice				
that the correct action is				1
available? ("See how to do	Yes, there is			
it" - Can users see the	"Apply" button			
button or menu item that	which is pretty			
they should use for the next	visible			
action? Is it apparent when				
needed?)				

Will the Farhan associate			
and interpret the	Yes, user will get		1
response from the action	the desired photos as		
correctly ("Understand	output		
correct action/not			
correction" - will users			
know from the feedback			
that they have made a			
correct or incorrect choice			
of action?)			

Step 15-17: The app verifies the filter and sorting selections.

The app displays the filtered images to the user

The app also shows the selected filters



Question Will the correct action be sufficiently evident to Farhan? ("Know what to do?" -Will the Farhan know what to do to achieve the task?)	Yes (reason/s) Yes, user has to just click on the apply button	No (reason/s)	Maybe (reason/s)	Severity Rating (1-5)
Will the Farhan notice that the correct action is available? ("See how to do	Yes, after clicking the button he can see			1
it" - Can users see the button or menu item that	that			

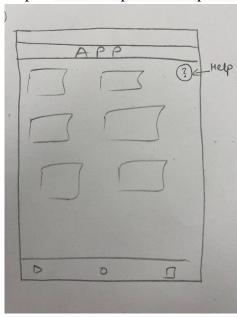
they should use for the next			
action? Is it apparent when			
needed?)			
Will the Farhan associate	Yes, the desired		
and interpret the	images are shown as		2
response from the action	output with the		
correctly ("Understand	selected features so		
correct action/not	yes		
correction" - will users			
know from the feedback			
that they have made a			
correct or incorrect choice			
of action?)			

Cognitive Walkthrough Sheet [Evaluation Sheet/s – Feature 3]

Task Title: Provide help to user for any task.

Task Scenario: Joe(70y) and his friends Jane, John, and Jack got together during a reunion. Joe clicked a lot of photos of the event to preserve the memories. Jack requested Joe to share the photos containing him. Joe is not very tech savvy, so he uses the Help section of the app. Joe is not very good at typing, so he uses the voice search options to navigate to the required section. Joe watches the tutorial to share photos and shares images with Jack.

Step 1: The user opens the help button on the app.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)

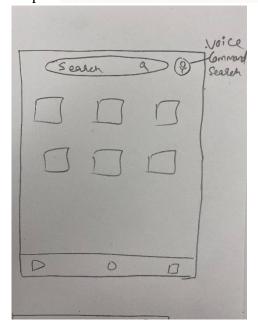
Will the correct action be			
sufficiently evident to	Yes, it is always		1
Farhan? ("Know what to	present on the screen		
do?" -Will the Farhan know			
what to do to achieve the			
task?)			
Will the Farhan notice that			
the correct action is			1
available? ("See how to do	Yes, the "question		
it" - Can users see the button	mark" logo can be		
or menu item that they should	seen on the screen		
use for the next action? Is it			
apparent when needed?)			
Will the Farhan associate			
and interpret the response	Yes, user can easily		1
from the action correctly	open the help option		
("Understand correct	by clicking on the		
action/not correction" - will	button		
users know from the feedback			
that they have made a correct			
or incorrect choice of action?)			

Step 2: The app shows the help dialog with both text and voice search.



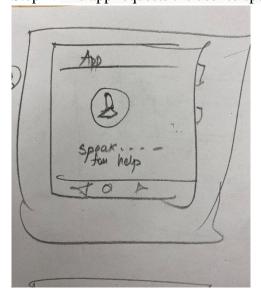
Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating (1-5)
Will the correct action be sufficiently evident to Farhan? ("Know what to do?" -Will the Farhan know what to do to achieve the task?)	Yes, user can easily understand from the UI			1
Will the Farhan notice that the correct action is available? ("See how to do it" - Can users see the button or menu item that they should use for the next action? Is it apparent when needed?)	Yes, there is button for both text and voice search			1
Will the Farhan associate and interpret the response from the action correctly ("Understand correct action/not correction" - will users know from the feedback that they have made a correct or incorrect choice of action?)	Yes, he can understand from the opened UI			2

Step 3: The user clicks on voice search option.



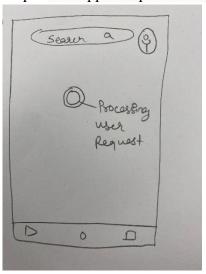
Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be				
sufficiently evident to	Yes, the user can			1
Farhan? ("Know what to	understand from the			
do?" -Will the Farhan know	mic button			
what to do to achieve the				
task?)				
Will the Farhan notice that	Yes, there is mic			1
the correct action is	button for the voice			
available? ("See how to do	output			
it" - Can users see the button				
or menu item that they should				
use for the next action? Is it				
apparent when needed?)				
Will the Farhan associate				2
and interpret the response			Maybe, as	
from the action correctly			sometimes an old	
("Understand correct			person can click on	
action/not correction" - will			text button by	
users know from the feedback			mistake and do not	
that they have made a correct			understand	
or incorrect choice of action?)				

Step 4: The app requests the user to speak for help.



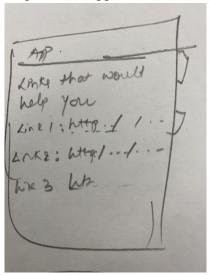
Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be			Maybe, as user	
sufficiently evident to			cannot know when	2
Farhan? ("Know what to			to speak	
do?" -Will the Farhan know				
what to do to achieve the				
task?)				
Will the Farhan notice that				
the correct action is			Maybe as when to	2
available? ("See how to do			speak is not	
it" - Can users see the button			specified	
or menu item that they should				
use for the next action? Is it				
apparent when needed?)				
Will the Farhan associate				
and interpret the response			Maybe, because	M
from the action correctly			system might not	
("Understand correct			understand the input	
action/not correction" - will			of the user	
users know from the feedback				
that they have made a correct				
or incorrect choice of action?)				

Step 5: The app then processes the user's request.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be				
sufficiently evident to	Yes, user just has to			1
Farhan? ("Know what to	wait for the result			
do?" -Will the Farhan know				
what to do to achieve the				
task?)				
Will the Farhan notice that				1
the correct action is	Yes, the prompt of			
available? ("See how to do	processing is visible to			
it" - Can users see the button	the user			
or menu item that they should				
use for the next action? Is it				
apparent when needed?)				
Will the Farhan associate				
and interpret the response	Yes, the user request			2
from the action correctly	gets opened after the			
("Understand correct	processing so user can			
action/not correction" - will	know			
users know from the feedback				
that they have made a correct				
or incorrect choice of action?)				

Step 6: The app shows various links related to the user's request (Sharing in this case).



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating (1-5)
Will the correct action be sufficiently evident to Farhan? ("Know what to do?" -Will the Farhan know what to do to achieve the task?)		Link does not specify what they mean, adding icons could be helpful		M
Will the Farhan notice that				
the correct action is				1
available? ("See how to do it" - Can users see the button	Yes, as the user has just to click the link to			
or menu item that they should	do next			
use for the next action? Is it apparent when needed?)				
Will the Farhan associate				
and interpret the response	Yes, clicking on it			1
from the action correctly	opens the link			
("Understand correct				
action/not correction" - will				
users know from the feedback				
that they have made a correct				
or incorrect choice of action?)				

Step 7: The user selects the link that suits them the most.

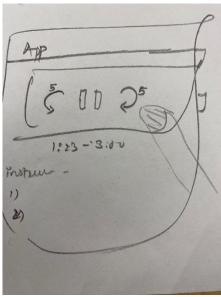


Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating (1-5)
Will the correct action be sufficiently evident to Farhan? ("Know what to do?" -Will the Farhan know what to do to achieve the task?)	Yes, he can understand from the link given			1
Will the Farhan notice that the correct action is available? ("See how to do it" - Can users see the button or menu item that they should use for the next action? Is it apparent when needed?)	User can see the link on the screen			1
Will the Farhan associate and interpret the response from the action correctly ("Understand correct action/not correction" - will users know from the feedback that they have made a correct or incorrect choice of action?)	Yes, the video will load on clicking the link			2

Step 8-10: The app then shows a video dialog with text instructions at the bottom.

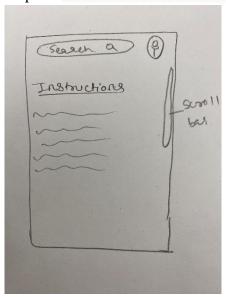
The user clicks on the play icon to play the tutorial.

The can forward or rewind the video to understand the functionality.



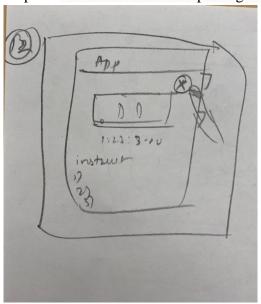
Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be				
sufficiently evident to	Yes, user can click on			1
Farhan? ("Know what to	video to get it			
do?" -Will the Farhan know				
what to do to achieve the				
task?)				
Will the Farhan notice that				
the correct action is	Yes, the video will			1
available? ("See how to do	open as the output			
it" - Can users see the button				
or menu item that they should				
use for the next action? Is it				
apparent when needed?)				
Will the Farhan associate				
and interpret the response	Yes, as the user can			1
from the action correctly	watch or rewatch the			
("Understand correct	video by opening it			
action/not correction" - will				
users know from the feedback				
that they have made a correct				
or incorrect choice of action?)				

Step 11: The user scrolls down to look at text instructions.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating
				(1-5)
Will the correct action be				1
sufficiently evident to	Yes, easily			
Farhan? ("Know what to	understandable			
do?" -Will the Farhan know				
what to do to achieve the				
task?)				
Will the Farhan notice that				1
the correct action is				
available? ("See how to do	Yes, the page will			
it" - Can users see the button	load so visible enough			
or menu item that they should				
use for the next action? Is it				
apparent when needed?)				
Will the Farhan associate				3
and interpret the response			Maybe, as the font	
from the action correctly			adjustment is not	
("Understand correct			there so old person	
action/not correction" - will			cannot enlarge the	
users know from the feedback			text	
that they have made a correct				
or incorrect choice of action?)				

Step 12: The user exits the help using the close



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be				1
sufficiently evident to	Yes, easily visible on			
Farhan? ("Know what to	the screen			
do?" -Will the Farhan know				
what to do to achieve the				
task?)				
Will the Farhan notice that				1
the correct action is				
available? ("See how to do	Yes, the button is			
it" - Can users see the button	visible enough to be			
or menu item that they should	seen			
use for the next action? Is it				
apparent when needed?)				
Will the Farhan associate				1
and interpret the response	Yes, the page will be			
from the action correctly	closed as the output			
("Understand correct				
action/not correction" - will				
users know from the feedback				
that they have made a correct				
or incorrect choice of action?)				

Evaluation 2

Date of Evaluation:	19/07/2023	
Daic of Evaluation.	17/01/2023	

Names of Evaluators: Ishan Sharma Team Yellow

Cognitive Walkthrough Sheet [Evaluation Sheet/s – Feature 1]

Task Title: Sharing images securely with masking/blurring.

Task Scenario: Farhan enjoys visiting various scenic locations with their travel group. There are 4 other members in this travel group, Jenny, Audrie, John, and Mike. They visited Rainbow beach last week and clicked a lot of images on everyone's phones. Farhan wants to share these photos with their travel group securely. Farhan opens the app's share dialog.

The app's sharing dialog provides options like masking and face authentication. Farhan chooses the images that they want to share and applies masking to blur faces in the background, who are not part of the travel group. They then choose the members/group with whom the images are to be shared. The group members then receive a notification that images have been shared.

Step 1-4: The user opens the sharing dialog from the gallery.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be				1
sufficiently evident to	The share icon is			
Farhan? ("Know what to	clearly visible			
do?" -Will the Farhan know				

what to do to open the sharing dialog?)			
Will the Farhan notice that			1
the correct action is			
available? ("See how to do	The share icon is		
it" - Can users see the button	clearly visible and is		
or menu item that they should	prominent enough		
use for opening the sharing			
dialog? Is it apparent when			
needed?)			
Will the Farhan associate	Since, the user wants		1
and interpret the response	to share the photos		
from the action correctly	and he clicks on the		
("Understand correct	share button, it seems		
action/not correction" - will	alright		
users know from the feedback			
that they have made a correct			
or incorrect choice of action?)			

Step 2-5: The app displays the sharing dialog with a list of images. The user selects the required photos from the list. The clicks on the button to move ahead. The app checks if at least one image is chosen.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating (1-5)
Will the correct action be	The checkboxes are			
sufficiently evident to	clearly visible on top			
Farhan? ("Know what to	of images and the			
do?" -Will the Farhan know	count on next button			
what to do to achieve the	changes as the user			
task?)	selects/deselects the			
	image			
Will the Farhan notice that				1
the correct action is	Yes, as the			
available? ("See how to do	selection/deselection			
it" - Can users see the button	of images and			
or menu item that they should	changing of count			
use for the next action? Is it	informs the user of a			
apparent when needed?)	new change			
Will the Farhan associate	Vacantha			
	Yes, as the selection/deselection			
and interpret the response				
from the action correctly	of images and			
("Understand correct action/not correction" - will	changing of count informs the user of a			
users know from the feedback				
	new change			
that they have made a correct				
or incorrect choice of action?)				

Step 6-9: The app shows the masking dialog to the user. The user selects portions of the image to be masked. The user chooses between emoticon masking and blurring for the selected portions. The user confirms selection by clicking on the button.



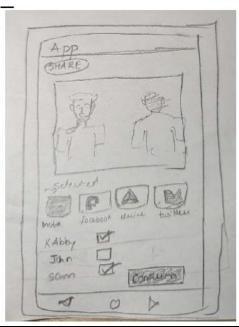
Question	Yes (reason/s)	No	Maybe (reason/s)	Severity
		(reason/s)		Rating
				(1-5)
Will the correct action be sufficiently evident to Farhan? ("Know what to do?" -Will the Farhan know what to do to achieve the task?)			I think not, maybe a virtual walkthrough of the different interactions should be available that will entail how a user can apply effects to a photo	M
Will the Farhan notice that the	The button along with a			1
correct action is available? ("See	slider is clearly visible			
how to do it" - Can users see the	-			
button or menu item that they				
should use for the next action? Is it				
apparent when needed?)				
Will the Farhan associate and	The button along with a			1
interpret the response from the	slider is clearly visible			
action correctly ("Understand				
correct action/not correction" - will				
users know from the feedback that				
they have made a correct or				
incorrect choice of action?)				

Step 10-11: The app validates the selections and masking options chosen by the user. The app then scans the visible faces to identify the recipients.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be			There should also be	M
sufficiently evident to			a progress bar to	
Farhan? ("Know what to			show the status of	
do?" -Will the Farhan know			processing	
what to do to achieve the				
task?)				
Will the Farhan notice that			There should also be	M
the correct action is			a progress bar to	
available? ("See how to do			show the status of	
it" - Can users see the button			processing	
or menu item that they should				
use for the next action? Is it				
apparent when needed?)				
Will the Farhan associate			There should also be	M
and interpret the response			a progress bar to	
from the action correctly			show the status of	
("Understand correct			processing	
action/not correction" - will				
users know from the feedback				
that they have made a correct				
or incorrect choice of action?)				

Step 12-14: The app then proceeds to the next screen for mode of sharing. The user confirms the recipients and chooses the mode of sharing. The app verifies the recipients and mode of sharing.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be				1
sufficiently evident to	The buttons as well as			
Farhan? ("Know what to	selection of users are			
do?" -Will the Farhan know	clearly visible along			
what to do to achieve the	with a confirm button			
task?)				
Will the Farhan notice that				1
the correct action is	The buttons as well as			
available? ("See how to do	selection of users are			
it" - Can users see the button	clearly visible along			
or menu item that they should	with a confirm button			
use for the next action? Is it				
apparent when needed?)				
Will the Farhan associate				M
and interpret the response	The buttons as well as			
from the action correctly	selection of users are			
("Understand correct	clearly visible along			
action/not correction" - will	with a confirm button			
users know from the feedback				

that they have made a correct		
or incorrect choice of action?)		

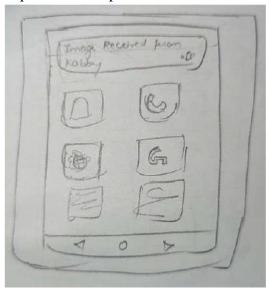
Step 15-16: The app sends the images to the selected recipients. The app shows success notice to the user.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be	The success message			1
sufficiently evident to	along with a			
Farhan? ("Know what to	confirmation button is			
do?" -Will the Farhan know	visible clearly			
what to do to achieve the				
task?)				
Will the Farhan notice that				1
the correct action is	The success message			
available? ("See how to do	along with a			
it" - Can users see the button	confirmation button is			
or menu item that they should	visible clearly			
use for the next action? Is it				
apparent when needed?)				
Will the Farhan associate	The success message			M
and interpret the response	along with a			
from the action correctly	confirmation button is			
("Understand correct	visible clearly			

action/not correction" - will		
users know from the feedback		
that they have made a correct		
or incorrect choice of action?)		

Step 17: The recipients receive notification on their phone from the app for the shared images.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be	The notification box is			1
sufficiently evident to	clearly visible			
Farhan? ("Know what to				
do?" -Will the Farhan know				
what to do to achieve the				
task?)				
Will the Farhan notice that				1
the correct action is				
available? ("See how to do	The notification box is			
it" - Can users see the button	clearly visible			
or menu item that they should				
use for the next action? Is it				
apparent when needed?)				
Will the Farhan associate	The notification box is			M
and interpret the response	clearly visible			
from the action correctly				
("Understand correct				
action/not correction" - will				
users know from the feedback				

that they have made a correct		
or incorrect choice of action?)		

Step 18-19: The recipient opens the app to receive the images. The app scans the recipients face to authenticate the transfer.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be				1
sufficiently evident to	The purpose of this			
Farhan? ("Know what to	page is clearly visible			
do?" -Will the Farhan know				
what to do to achieve the				
task?)				
Will the Farhan notice that				M
the correct action is				
available? ("See how to do	The purpose of this			
it" - Can users see the button	page is clearly visible			
or menu item that they should				
use for the next action? Is it				
apparent when needed?)				

Will the Farhan associate	The purpose of this		1
and interpret the response	page is clearly visible		
from the action correctly			
("Understand correct			
action/not correction" - will			
users know from the feedback			
that they have made a correct			
or incorrect choice of action?)			

Step 20: The app then displays the shared images to the user.



Question Will the correct action be sufficiently evident to Farhan? ("Know what to do?" -Will the Farhan know what to do to achieve the task?)	The newly added images are clealy visible along with a back button	No (reason/s)	Maybe (reason/s)	Severity Rating (1-5)
Will the Farhan notice that the correct action is available? ("See how to do it" - Can users see the button	The newly added images are clealy			M

or menu item that they should	visible along with a		
use for the next action? Is it	back button		
apparent when needed?)			
Will the Farhan associate	The newly added		M
and interpret the response	images are clealy		
from the action correctly	visible along with a		
("Understand correct	back button		
action/not correction" - will			
users know from the feedback			
that they have made a correct			
or incorrect choice of action?)			

Cognitive Walkthrough Sheet [Evaluation Sheet/s – Feature 2]

Task Title: Quick search

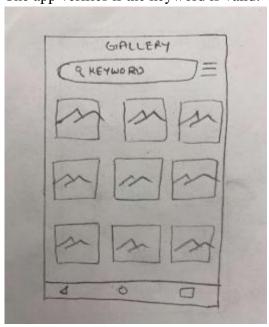
Task Scenario: Roger and his friends Zoro, Jack and Brook love to travel. They have visited several locations all around Canada during the year 2022 as a part of their Canada wide trip. During this trip Roger and his friends visited Niagara Falls in June 2022. Roger now wants to add the images from Niagara Falls to his Instagram profile. So, he wants to search and filter his photos so that he can find the images easily. The app provides text and filters for this purpose. Roger applies the required filters on the app. The app then shows him the filtered images. Roger then uses these images for Instagram.

Step 1-4: The user opens the gallery on the app.

The app shows the gallery dialog with search bar and filter icon.

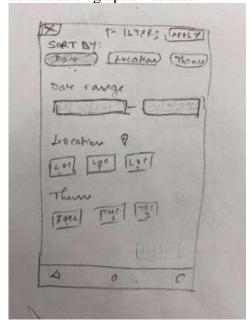
The user enters keyword for search.

The app verifies if the keyword is valid.



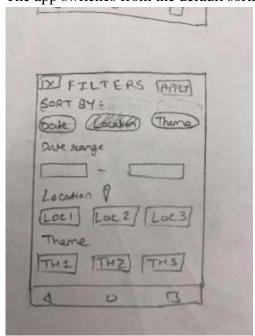
Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be				1
sufficiently evident to				
Farhan? ("Know what to	The search bar is			
do?" -Will the Farhan know	clearly visible			
what to do to achieve the				
task?)				
Will the Farhan notice that				1
the correct action is	The search bar is			
available? ("See how to do	clearly visible			
it" - Can users see the button				
or menu item that they should				
use for the next action? Is it				
apparent when needed?)				
Will the Farhan associate	The search bar is			M
and interpret the response	clearly visible			
from the action correctly				
("Understand correct				
action/not correction" - will				
users know from the feedback				
that they have made a correct				
or incorrect choice of action?)				

Step 5-6: The user clicks on the filter's icon to open filter dialog. The app opens the filter dialog with default sorting option as date.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be				1
sufficiently evident to	All the sorting			
Farhan? ("Know what to do?"	options are			
-Will the Farhan know what to	clearly visible			
do to achieve the task?)	and			
	comprehnsible			
Will the Farhan notice that				1
the correct action is				
available? ("See how to do it"	All the sorting			
- Can users see the button or	options are			
menu item that they should use	clearly visible			
for the next action? Is it	and			
apparent when needed?)	comprehnsible			
Will the Farhan associate and	All the sorting			M
interpret the response from	options are			
the action correctly	clearly visible			
("Understand correct action/not	and			
correction" - will users know	comprehnsible			
from the feedback that they				
have made a correct or				
incorrect choice of action?)				

Step 7-8: The user selects required sorting from given options. The app switches from the default sorting option to the selected.



Question	Yes (reason/s)	No	Maybe	Severity
		(reason/s)	(reason/s)	Rating
				(1-5)
Will the correct action be				1
sufficiently evident to Farhan?				
("Know what to do?" -Will the				
Farhan know what to do to achieve	The selected sorting option is			
the task?)	visible clearly when a user			
	clicks on it (change is visible)			
Will the Farhan notice that the				1
correct action is available? ("See				
how to do it" - Can users see the	The selected sorting option is			
button or menu item that they should	visible clearly when a user			
use for the next action? Is it apparent	clicks on it (change is visible)			
when needed?)				
Will the Farhan associate and	The selected sorting option is			1
interpret the response from the	visible clearly when a user			
action correctly ("Understand	clicks on it (change is visible)			
correct action/not correction" - will				
users know from the feedback that				
they have made a correct or incorrect				
choice of action?)				

Step 9-10: The user enters the start date and the end date.



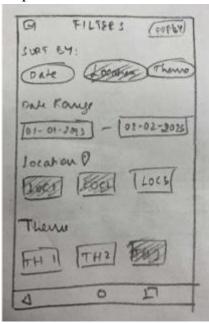
Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be			Date Format	M
sufficiently evident to			should also be	
Farhan? ("Know what to			visible in case a	
do?" -Will the Farhan			user adds the date	
know what to do to achieve			by keying in	
the task?)				
Will the Farhan notice			Date Format	M
that the correct action is			should also be	
available? ("See how to do			visible in case a	
it" - Can users see the			user adds the date	
button or menu item that			by keying in	
they should use for the next				
action? Is it apparent when				
needed?)				
Will the Farhan associate			Date Format	M
and interpret the			should also be	
response from the action			visible in case a	
correctly ("Understand			user adds the date	
correct action/not			by keying in	
correction" - will users				
know from the feedback				
that they have made a				
correct or incorrect choice				
of action?)				

Step 11-12: The user chooses the required locations from the list or by setting location. The app verifies if the selected locations are valid.



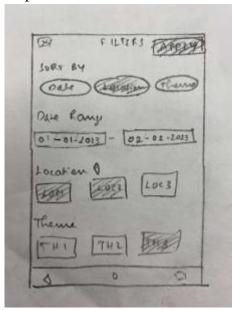
Question	Yes	No	Maybe (reason/s)	Severity
	(reason/s)	(reason/s)		Rating
				(1-5)
Will the correct action be			Location should be	M
sufficiently evident to Farhan?			searchable instead of	
("Know what to do?" -Will the			selecting, and recently	
Farhan know what to do to			selected locations can be	
achieve the task?)			shown as chips	
Will the Farhan notice that the			Location should be	M
correct action is available?			searchable instead of	
("See how to do it" - Can users			selecting, and recently	
see the button or menu item that			selected locations can be	
they should use for the next			shown as chips	
action? Is it apparent when				
needed?)				
Will the Farhan associate and			Location should be	M
interpret the response from the			searchable instead of	
action correctly ("Understand			selecting, and recently	
correct action/not correction" -			selected locations can be	
will users know from the			shown as chips	
feedback that they have made a				
correct or incorrect choice of				
action?)				

Step 13: The user chooses the required themes from the list.



Question	Yes (reason/s)	No	Maybe	Severity
		(reason/s)	(reason/s)	Rating (1-5)
Will the correct action be				1
sufficiently evident to Farhan?				
("Know what to do?" -Will the	Selection of themes are also			
Farhan know what to do to	clearly visible (both on			
achieve the task?)	selecting/deselecting)			
Will the Farhan notice that the				1
correct action is available?				
("See how to do it" - Can users	Selection of themes are also			
see the button or menu item that	clearly visible (both on			
they should use for the next	selecting/deselecting)			
action? Is it apparent when				
needed?)				
Will the Farhan associate and	Selection of themes are also			1
interpret the response from the	clearly visible (both on			
action correctly ("Understand	selecting/deselecting)			
correct action/not correction" -				
will users know from the				
feedback that they have made a				
correct or incorrect choice of				
action?)				

Step 14: The user confirms selections by clicking on the Apply.

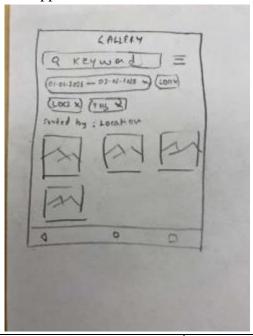


Question	Yes (reason/s)	No	Maybe	Severity
		(reason/s)	(reason/s)	Rating
				(1-5)
Will the correct action be				1
sufficiently evident to				
Farhan? ("Know what to				
do?" -Will the Farhan	The button along with its selection			
know what to do to achieve	is clearly visible			
the task?)				
Will the Farhan notice				M
that the correct action is				
available? ("See how to do	The button along with its selection			
it" - Can users see the	is clearly visible			
button or menu item that				
they should use for the next				
action? Is it apparent when				
needed?)				
Will the Farhan associate	The button along with its selection			M
and interpret the	is clearly visible			
response from the action				
correctly ("Understand				
correct action/not				
correction" - will users				
know from the feedback				
that they have made a				
correct or incorrect choice				
of action?)				

Step 15-17: The app verifies the filter and sorting selections.

The app displays the filtered images to the user

The app also shows the selected filters



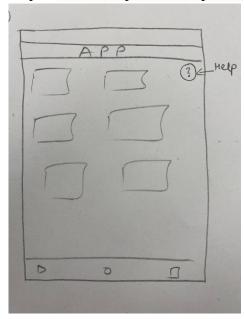
Question	Yes (reason/s)	No	Maybe (reason/s)	Severity
		(reason/s)		Rating
				(1-5)
Will the correct action be				1
sufficiently evident to				
Farhan? ("Know what to	The filters selected are			
do?" -Will the Farhan know	clearly visible			
what to do to achieve the				
task?)				
Will the Farhan notice that				M
the correct action is				
available? ("See how to do	The filters selected are			
it" - Can users see the button	clearly visible			
or menu item that they should				
use for the next action? Is it				
apparent when needed?)				
Will the Farhan associate	The filters selected are			1
and interpret the response	clearly visible			
from the action correctly				
("Understand correct				
action/not correction" - will				
users know from the feedback				
that they have made a correct				
or incorrect choice of action?)				

Cognitive Walkthrough Sheet [Evaluation Sheet/s – Feature 3]

Task Title: Provide help to user for any task.

Task Scenario: Joe(70y) and his friends Jane, John, and Jack got together during a reunion. Joe clicked a lot of photos of the event to preserve the memories. Jack requested Joe to share the photos containing him. Joe is not very tech savvy, so he uses the Help section of the app. Joe is not very good at typing, so he uses the voice search options to navigate to the required section. Joe watches the tutorial to share photos and shares images with Jack.

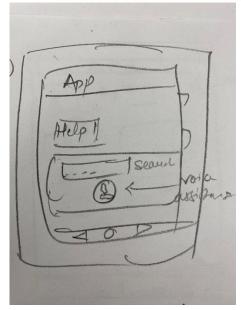
Step 1: The user opens the help button on the app.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be				M
sufficiently evident to			The help button	
Farhan? ("Know what to			should be available	
do?" -Will the Farhan know			on the global app bar	
what to do to achieve the				
task?)				
Will the Farhan notice that			The help button	M
the correct action is			should be available	
available? ("See how to do			on the global app bar	
it" - Can users see the button				
or menu item that they should				
use for the next action? Is it				
apparent when needed?)				

Will the Farhan associate	The help button	M
and interpret the response	should be available	
from the action correctly	on the global app bar	
("Understand correct		
action/not correction" - will		
users know from the feedback		
that they have made a correct		
or incorrect choice of action?)		

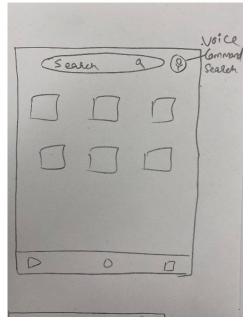
Step 2: The app shows the help dialog with both text and voice search.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be			FAQs should also be	M
sufficiently evident to			visible by default	
Farhan? ("Know what to				
do?" -Will the Farhan know				
what to do to achieve the				
task?)				
Will the Farhan notice that			FAQs should also be	M
the correct action is			visible by default	
available? ("See how to do				
it" - Can users see the button				
or menu item that they should				
use for the next action? Is it				
apparent when needed?)				

Will the Farhan associate	FAQs should also be	M
and interpret the response	visible by default	
from the action correctly		
("Understand correct		
action/not correction" - will		
users know from the feedback		
that they have made a correct		
or incorrect choice of action?)		

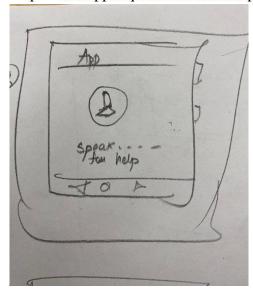
Step 3: The user clicks on voice search option.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be			The voice command	M
sufficiently evident to			search button should	
Farhan? ("Know what to			be visible on the	
do?" -Will the Farhan know			search bar and not	
what to do to achieve the			outside as the user	
task?)			might not know what	
			it's for	
Will the Farhan notice that			The voice command	M
the correct action is			search button should	
available? ("See how to do			be visible on the	
it" - Can users see the button			search bar and not	
or menu item that they should			outside as the user	

use for the next action? Is it	might not know what	
apparent when needed?)	it's for	
Will the Farhan associate	The voice command	M
and interpret the response	search button should	
from the action correctly	be visible on the	
("Understand correct	search bar and not	
action/not correction" - will	outside as the user	
users know from the feedback	might not know what	
that they have made a correct	it's for3	
or incorrect choice of action?)		

Step 4: The app requests the user to speak for help.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be				1
sufficiently evident to				
Farhan? ("Know what to	The speak for help			
do?" -Will the Farhan know	box is clearly			
what to do to achieve the	understandable			
task?)				
Will the Farhan notice that				1
the correct action is				
available? ("See how to do	The speak for help			
it" - Can users see the button	box is clearly			
or menu item that they should	understandable			

use for the next action? Is it			
apparent when needed?)			
Will the Farhan associate	The speak for help		M
and interpret the response	box is clearly		
from the action correctly	understandable		
("Understand correct			
action/not correction" - will			
users know from the feedback			
that they have made a correct			
or incorrect choice of action?)			

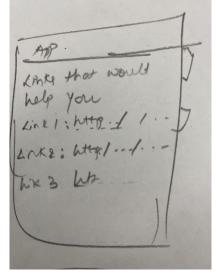
Step 5: The app then processes the user's request.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be				1
sufficiently evident to				
Farhan? ("Know what to				
do?" -Will the Farhan know	Processing status is			
what to do to achieve the	clearly visible for			
task?)	processing voice input			
	Francisco Brancisco Francisco			
Will the Farhan notice that				1
the correct action is				
available? ("See how to do	Processing status is			
it" - Can users see the button	clearly visible for			
or menu item that they should	processing voice input			
use for the next action? Is it				
apparent when needed?)				

Will the Farhan associate	Processing status is		1
and interpret the response	clearly visible for		
from the action correctly	processing voice input		
("Understand correct			
action/not correction" - will			
users know from the feedback			
that they have made a correct			
or incorrect choice of action?)			

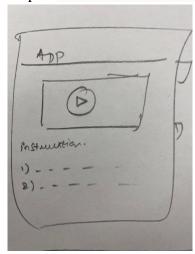
Step 6: The app shows various links related to the user's request (Sharing in this case).



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be				1
sufficiently evident to				
Farhan? ("Know what to				
do?" -Will the Farhan know	The helpful messages			
what to do to achieve the	seems to be clearly			
task?)	visible			
Will the Farhan notice that				1
the correct action is				
available? ("See how to do				
it" - Can users see the button				
or menu item that they should				
use for the next action? Is it	The helpful messages			
apparent when needed?)	seems to be clearly			
	visible			
Will the Farhan associate				1
and interpret the response				

from the action correctly	
("Understand correct	The helpful messages
action/not correction" - will	seems to be clearly
users know from the feedback	visible
that they have made a correct	
or incorrect choice of action?)	

Step 7: The user selects the link that suits them the most.



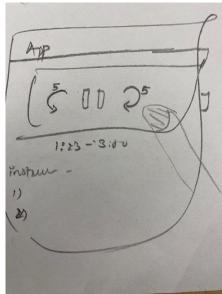
Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating
				(1-5)
Will the correct action be				1
sufficiently evident to				
Farhan? ("Know what to	After selecting the			
do?" -Will the Farhan know	link, the instructions			
what to do to achieve the	are both available as			
task?)	text as well as a video			
Will the Farhan notice that				1
the correct action is				
available? ("See how to do	After selecting the			
it" - Can users see the button	link, the instructions			
or menu item that they should	are both available as			
use for the next action? Is it	text as well as a video			
apparent when needed?)				
Will the Farhan associate	After selecting the			1
and interpret the response	link, the instructions			
from the action correctly				

("Understand correct	are both available as		
action/not correction" - will	text as well as a video		
users know from the feedback			
that they have made a correct			
or incorrect choice of action?)			

Step 8-10: The app then shows a video dialog with text instructions at the bottom.

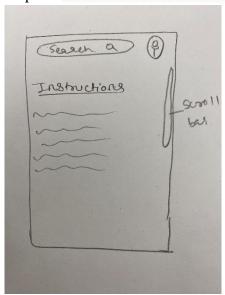
The user clicks on the play icon to play the tutorial.

The can forward or rewind the video to understand the functionality.



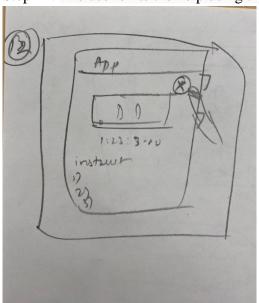
Question	Yes (reason/s)	No	Maybe	Severity
		(reason/s)	(reason/s)	Rating
				(1-5)
Will the correct action be sufficiently evident to				1
Farhan? ("Know what to do?" -Will the Farhan				
know what to do to achieve the task?)				
	The controls are clearly			
	understandable			
Will the Farhan notice that the correct action is				1
available? ("See how to do it" - Can users see the				
button or menu item that they should use for the	The controls are clearly			
next action? Is it apparent when needed?)	understandable			
Will the Farhan associate and interpret the	The controls are clearly			1
response from the action correctly ("Understand	understandable			
correct action/not correction" - will users know				
from the feedback that they have made a correct or				
incorrect choice of action?)				

Step 11: The user scrolls down to look at text instructions.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be			Both the video as	M
sufficiently evident to			well as text	
Farhan? ("Know what to			instructions should	
do?" -Will the Farhan know			be visible so that the	
what to do to achieve the			user can go through	
task?)			both of them	
			simultaneously if	
			needed	
Will the Farhan notice that			Both the video as	M
the correct action is			well as text	
available? ("See how to do			instructions should	
it" - Can users see the button			be visible so that the	
or menu item that they should			user can go through	
use for the next action? Is it			both of them	
apparent when needed?)			simultaneously if	
			needed	
Will the Farhan associate			Both the video as	M
and interpret the response			well as text	
from the action correctly			instructions should	
("Understand correct			be visible so that the	
action/not correction" - will			user can go through	
users know from the feedback			both of them	
that they have made a correct			simultaneously if	
or incorrect choice of action?)			needed	

Step 12: The user exits the help using the close



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be				1
sufficiently evident to				
Farhan? ("Know what to				
do?" -Will the Farhan know				
what to do to achieve the	The close button is			
task?)	clearly visible			
Will the Farhan notice that				1
the correct action is				
available? ("See how to do	The close button is			
it" - Can users see the button	clearly visible			
or menu item that they should				
use for the next action? Is it				
apparent when needed?)				
Will the Farhan associate	The close button is			M
and interpret the response	clearly visible			
from the action correctly				
("Understand correct				
action/not correction" - will				
users know from the feedback				
that they have made a correct				
or incorrect choice of action?)				

Evaluation 3

Date of Evaluation: 19th July, 2023

Names of Evaluators: Nisarg Shah (B00945549)

Cognitive Walkthrough Sheet [Evaluation Sheet/s – Feature 1]

Task Title: Sharing images securely with masking/blurring.

Task Scenario: Farhan enjoys visiting various scenic locations with their travel group. There are 4 other members in this travel group, Jenny, Audrie, John, and Mike. They visited Rainbow beach last week and clicked a lot of images on everyone's phones. Farhan wants to share these photos with their travel group securely. Farhan opens the app's share dialog.

The app's sharing dialog provides options like masking and face authentication. Farhan chooses the images that they wants to share and applies masking to blur faces in the background, who are not part of the travel group. They then chooses the members/group with whom the images are to be shared. The group members then receive a notification that images have been shared.

Step 1-4: The user opens the sharing dialog from the gallery.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating (1-5)
Will the correct action be				
sufficiently evident to	Farhan will able to			
Farhan? ("Know what to	understand and			
do?" -Will the Farhan	figure out sharing			

know what to do to open	button as it is of		
the sharing dialog?)	general convention.		
Will the Farhan notice	Farhan will notice		
that the correct action is	the Share button.		
available? ("See how to do			
it" - Can users see the			
button or menu item that			
they should use for opening			
the sharing dialog? Is it			
apparent when needed?)			
Will the Farhan associate	The next page brings		
and interpret the	Farhan to the		
response from the action	sharing page.		
correctly ("Understand			
correct action/not			
correction" - will users			
know from the feedback			
that they have made a			
correct or incorrect choice			
of action?)			

Step 2-5: The app displays the sharing dialog with a list of images. The user selects the required photos from the list. The clicks on the button to move ahead. The app checks if at least one image is chosen.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating (1-5)
Will the correct action be				(1-3)
sufficiently evident to	Farhan will able to			
Farhan? ("Know what to	understand the to			
do?" -Will the Farhan	select images.			
know what to do to	sciect images.			
achieve the task?)				
demeve the task:)				
Will the Farhan notice			Farhan will have	M
that the correct action is			ambiguity in either	
available? ("See how to			Click share.	
do it" - Can users see the				
button or menu item that				
they should use for the				
next action? Is it apparent				
when needed?)				
Will the Farhan associate	Farhan will be able			
and interpret the	to interpret to select			
response from the action	images.			
correctly ("Understand				
correct action/not				
correction" - will users				
know from the feedback				
that they have made a				
correct or incorrect choice				
of action?)				

Step 6-9: The app shows the masking dialog to the user. The user selects portions of the image to be masked. The user chooses between emoticon masking and blurring for the selected portions. The user confirms selection by clicking on the button.



Question Will the correct action be sufficiently evident to Farhan? ("Know what to do?" -Will the Farhan know what to do to achieve the task?)	Yes (reason/s) Yes , Farhan will be able do masking.	No (reason/s)	Maybe (reason/s)	Severity Rating (1-5) M
Will the Farhan notice that				
the correct action is	Yes, masking in			
available? ("See how to do it"	mentioned on top			
- Can users see the button or	of the page to			
menu item that they should use	select masking.			
for the next action? Is it				
apparent when needed?)				
Will the Farhan associate and	Yes . Farhan will			
interpret the response from	understand the			
the action correctly	action to mask and			
("Understand correct action/not	see the scroll bar to			
correction" - will users know	apply.			
from the feedback that they				
have made a correct or				
incorrect choice of action?)				

Step 10-11: The app validates the selections and masking options chosen by the user. The app then scans the visible faces to identify the recipients.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be				M
sufficiently evident to	Farhan will see			
Farhan? ("Know what to	Processing prompt.			
do?" -Will the Farhan know				
what to do to achieve the				
task?)				
Will the Farhan notice			There is no back	M
that the correct action is			button or prompt to	
available? ("See how to do			wait for the action	
it" - Can users see the			to complete.	
button or menu item that				
they should use for the next				
action? Is it apparent when				
needed?)				
Will the Farhan associate	Farhan will see			M
and interpret the response	Processing prompt			
from the action correctly	and it will sufficient			
("Understand correct	for him to wait.			
action/not correction" - will				
users know from the				
feedback that they have				

made a correct or incorrect		
choice of action?)		

Step 12-14: The app then proceeds to the next screen for mode of sharing. The user confirms the recipients and chooses the mode of sharing. The app verifies the recipients and mode of sharing.



Question	Yes (reason/s)	No	Maybe	Severity
		(reason/s)	(reason/s)	Rating
				(1-5)
Will the correct action be				
sufficiently evident to Farhan?	Farhan will see the share action.			
("Know what to do?" -Will the				
Farhan know what to do to				
achieve the task?)				
Will the Farhan notice that the				
correct action is available? ("See				
how to do it" - Can users see the	Farhan will get the name of			
button or menu item that they	people to share with.			
should use for the next action? Is				
it apparent when needed?)				
Will the Farhan associate and	Yes, Farhan will select people			M
interpret the response from the	and click on next.			

action correctly ("Understand	
correct action/not correction" -	
will users know from the feedback	
that they have made a correct or	
incorrect choice of action?)	

Step 15-16: The app sends the images to the selected recipients. The app shows success notice to the user.



Question	Yes (reason/s)	No	Maybe	Severity
		(reason/s)	(reason/s)	Rating
				(1-5)
Will the correct action be				
sufficiently evident to Farhan?	Farhan will see the success			
("Know what to do?" -Will the	message.			
Farhan know what to do to achieve				
the task?)				
Will the Farhan notice that the				
correct action is available? ("See	Yes, Farhan will see the OK			
how to do it" - Can users see the	button to acknowledge			
button or menu item that they should	success.			
use for the next action? Is it apparent				
when needed?)				

Will the Farhan associate and	Yes, from the success		M
interpret the response from the	message he would interpret		
action correctly ("Understand	the action completion.		
correct action/not correction" - will			
users know from the feedback that			
they have made a correct or incorrect			
choice of action?)			

Step 17: The recipients receive notification on their phone from the app for the shared images.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be				
sufficiently evident to	Farhan will see the			
Farhan? ("Know what to	notification.			
do?" -Will the Farhan				
know what to do to achieve				
the task?)				
Will the Farhan notice	Farhan will check			
that the correct action is	notification pop-up			
available? ("See how to do	on phone.			
it" - Can users see the				
button or menu item that				
they should use for the next				
action? Is it apparent when				
needed?)				

Will the Farhan associate	Yes, Farhan will		M
and interpret the	interpret to click on		
response from the action	notification.		
correctly ("Understand			
correct action/not			
correction" - will users			
know from the feedback			
that they have made a			
correct or incorrect choice			
of action?)			

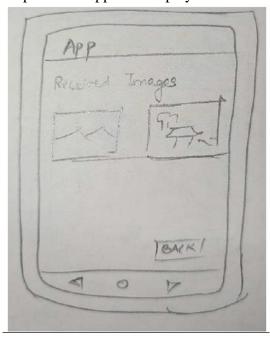
Step 18-19: The recipient opens the app to receive the images. The app scans the recipients face to authenticate the transfer.



Question	Yes (reason/s)	No	Maybe (reason/s)	Severity
		(reason/s)		Rating
				(1-5)
Will the correct action be	Farhan will see the Face			
sufficiently evident to Farhan?	Authentication going on.			
("Know what to do?" -Will the				
Farhan know what to do to				
achieve the task?)				

Will the Farhan notice that the correct action is available? ("See how to do it" - Can users see the button or menu item that they should use for the next action? Is it apparent when needed?)		Farhan will not understand if he has to cancel ongoing step.	M
Will the Farhan associate and interpret the response from the action correctly ("Understand correct action/not correction" - will users know from the feedback that they have made a correct or incorrect choice of action?)	Yes, Farhan interpret the action that it is scanning for face Authentication.		

Step 20: The app then displays the shared images to the user.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating (1-5)
Will the correct action be	Farhan will see the			
sufficiently evident to	received images.			
Farhan? ("Know what to				
do?" -Will the Farhan know				
what to do to achieve the				
task?)				

Will the Farhan notice	Farhan can scroll		M
that the correct action is	and see all images.		
available? ("See how to do			
it" - Can users see the			
button or menu item that			
they should use for the next			
action? Is it apparent when			
needed?)			
Will the Farhan associate	Farhan will be see		M
and interpret the response	the back button and		
from the action correctly	can also click on		
("Understand correct	image.		
action/not correction" - will			
users know from the			
feedback that they have			
made a correct or incorrect			
choice of action?)			

Cognitive Walkthrough Sheet [**Evaluation Sheet/s – Feature 2**]

Task Title: Quick search

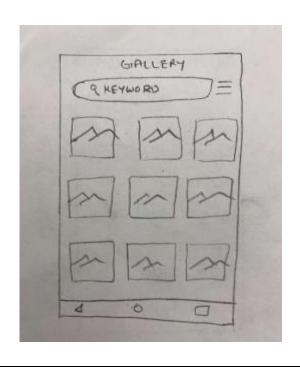
Task Scenario: Roger and his friends Zoro, Jack and Brook love to travel. They have visited several locations all around Canada during the year 2022 as a part of their Canada wide trip. During this trip Roger and his friends visited Niagara Falls in June 2022. Roger now wants to add the images from Niagara Falls to his Instagram profile. So, he wants to search and filter his photos so that he can find the images easily. The app provides text and filters for this purpose. Roger applies the required filters on the app. The app then shows him the filtered images. Roger then uses these images for Instagram.

Step 1-4: The user opens the gallery on the app.

The app shows the gallery dialog with search bar and filter icon.

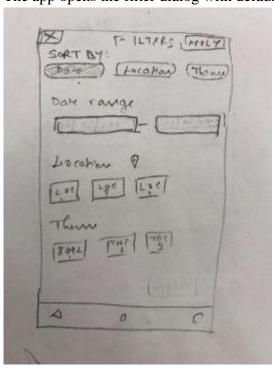
The user enters keyword for search.

The app verifies if the keyword is valid.



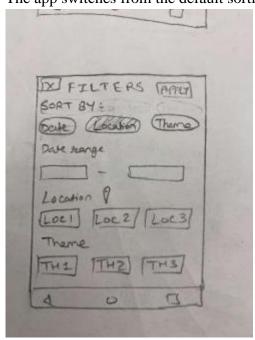
Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating (1-5)
Will the correct action be			Farhan will not be	M
sufficiently evident to			able to find filter	
Farhan? ("Know what to			feature as it is not	
do?" -Will the Farhan			same as general	
know what to do to achieve			convention	
the task?)				
Will the Farhan notice	Yes, Farhan will see			
that the correct action is	the search and			
available? ("See how to do	typing area.			
it" - Can users see the				
button or menu item that				
they should use for the next				
action? Is it apparent when				
needed?)				
Will the Farhan associate	Yes, Farhan will see			M
and interpret the	the result from			
response from the action	keyword search.			
correctly ("Understand				
correct action/not				
correction" - will users				
know from the feedback				
that they have made a				
correct or incorrect choice				
of action?)				

Step 5-6: The user clicks on the filter's icon to open filter dialog. The app opens the filter dialog with default sorting option as date.



Question	Yes (reason/s)	No	Maybe (reason/s)	Severity
		(reason/s)		Rating
				(1-5)
Will the correct action be	Farhan will be able to			
sufficiently evident to Farhan?	see the filters.			
("Know what to do?" -Will the				
Farhan know what to do to achieve				
the task?)				
Will the Farhan notice that the	Farhan will see all the			
correct action is available? ("See	different filters			
how to do it" - Can users see the	available.			
button or menu item that they	avanable.			
should use for the next action? Is it				
apparent when needed?)				
Will the Farhan associate and	The next screen will			M
interpret the response from the	bring all the available			1,1
action correctly ("Understand	options for filters.			
correct action/not correction" - will				
users know from the feedback that				
they have made a correct or				
incorrect choice of action?)				

Step 7-8: The user selects required sorting from given options. The app switches from the default sorting option to the selected.



Question	Yes (reason/s)	No	Maybe	Severity
!		(reason/s)	(reason/s)	Rating
				(1-5)
Will the correct action be	Farhan will see			
sufficiently evident to	different sort by			
Farhan? ("Know what to	options.			
do?" -Will the Farhan know				
what to do to achieve the				
task?)				
Will the Farhan notice that	Farhan will see the			
the correct action is	Date, Location, and			
available? ("See how to do	Theme available to			
it" - Can users see the button	select from.			
or menu item that they				
should use for the next				
action? Is it apparent when				
needed?)				
Will the Farhan associate	Farhan will see the			
and interpret the response	newly selected sort by			
from the action correctly	feature.			
("Understand correct				
action/not correction" - will				
users know from the				
feedback that they have				
made a correct or incorrect				
choice of action?)				

Step 9-10: The user enters the start date and the end date.



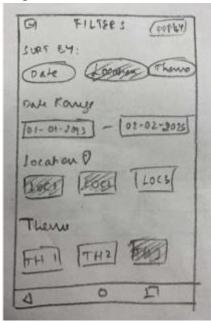
Question	Yes (reason/s)	No (reason/s)	Maybe	Severity
		, , , , , , , , , , , , , , , , , , , ,	(reason/s)	Rating
				(1-5)
Will the correct action	Farhan will see area to enter			M
be sufficiently evident	dates.			
to Farhan? ("Know				
what to do?" -Will the				
Farhan know what to do				
to achieve the task?)				
Will the Farhan notice				M
that the correct action	Farhan will select the dates			
is available? ("See how	by clicking the date options.			
to do it" - Can users see				
the button or menu item				
that they should use for				
the next action? Is it				
apparent when needed?)				
Will the Farhan	Farhan will interpret to click			M
associate and interpret	on dates to select date range			
the response from the	for images.			
action correctly				
("Understand correct				
action/not correction" -				
will users know from				
the feedback that they				
have made a correct or				
incorrect choice of				
action?)				

Step 11-12: The user chooses the required locations from the list or by setting location. The app verifies if the selected locations are valid.



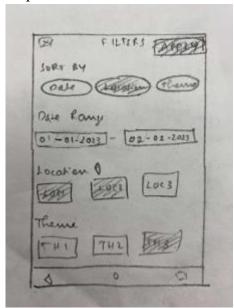
Question	Yes (reason/s)	No	Maybe	Severity
		(reason/s)	(reason/s)	Rating
				(1-5)
Will the correct action be	Farhan will see Location			M
sufficiently evident to	filter.			
Farhan? ("Know what to				
do?" -Will the Farhan				
know what to do to achieve				
the task?)				
Will the Farhan notice				M
that the correct action is	Farhan will see different			
available? ("See how to	locations available to			
do it" - Can users see the	choose from for			
button or menu item that	applying filters.			
they should use for the				
next action? Is it apparent				
when needed?)				
Will the Farhan associate	Farhan select the correct			M
and interpret the	location and redirect to			
response from the action	next page.			
correctly ("Understand				
correct action/not				
correction" - will users				
know from the feedback				
that they have made a				
correct or incorrect choice				
of action?)				

Step 13: The user chooses the required themes from the list.



Question	Yes (reason/s)	No	Maybe	Severity
		(reason/s)	(reason/s)	Rating
				(1-5)
Will the correct action be	Farhan will see			
sufficiently evident to Farhan?	the themes.			
("Know what to do?" -Will the				
Farhan know what to do to				
achieve the task?)				
Will the Farhan notice that the	Farhan will select			
correct action is available?	one or more			
("See how to do it" - Can users	themes to apply.			
see the button or menu item that				
they should use for the next				
action? Is it apparent when				
needed?)				
Will the Farhan associate and	Farhan will see			
interpret the response from the	images based on			
action correctly ("Understand	applied themes.			
correct action/not correction" -				
will users know from the				
feedback that they have made a				
correct or incorrect choice of				
action?)				

Step 14: The user confirms selections by clicking on the Apply.

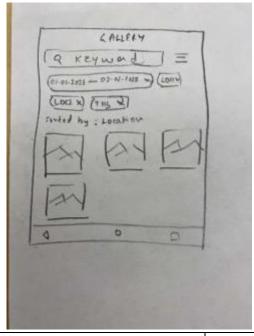


Question	Yes (reason/s)	No (reason/s)	Maybe	Severity
			(reason/s)	Rating
				(1-5)
Will the correct action be	Farhan will see			
sufficiently evident to	the Apply			
Farhan? ("Know what to	button.			
do?" -Will the Farhan know				
what to do to achieve the				
task?)				
Will the Farhan notice that	Farhan will click			M
the correct action is	on Apply button			
available? ("See how to do	to complete			
it" - Can users see the button	action.			
or menu item that they				
should use for the next				
action? Is it apparent when				
needed?)				
Will the Farhan associate		Farhan will not see		M
and interpret the response		prompt after appling		
from the action correctly		all the filters		
("Understand correct		successfully.		
action/not correction" - will				
users know from the				
feedback that they have				
made a correct or incorrect				
choice of action?)				

Step 15-17: The app verifies the filter and sorting selections.

The app displays the filtered images to the user

The app also shows the selected filters



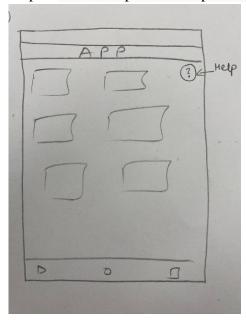
Question	Yes	No (reason/s)	Maybe	Severity
	(reason/s)		(reason/s)	Rating
				(1-5)
Will the correct action be	Farhan will			
sufficiently evident to Farhan?	see the			
("Know what to do?" -Will the	applied			
Farhan know what to do to	filters.			
achieve the task?)				
Will the Farhan notice that the	Farhan will			M
correct action is available?	see button			
("See how to do it" - Can users	to remove			
see the button or menu item that	filter			
they should use for the next				
action? Is it apparent when				
needed?)				
Will the Farhan associate and	Farhan will			
interpret the response from the	see images			
action correctly ("Understand	filtetered			
correct action/not correction" -	accordingly.			
will users know from the				
feedback that they have made a				
correct or incorrect choice of				
action?)				

Cognitive Walkthrough Sheet [Evaluation Sheet/s – Feature 3]

Task Title: Provide help to user for any task.

Task Scenario: Joe(70y) and his friends Jane, John, and Jack got together during a reunion. Joe clicked a lot of photos of the event to preserve the memories. Jack requested Joe to share the photos containing him. Joe is not very tech savvy, so he uses the Help section of the app. Joe is not very good at typing, so he uses the voice search options to navigate to the required section. Joe watches the tutorial to share photos and shares images with Jack.

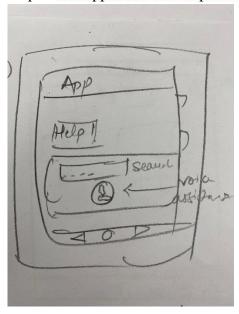
Step 1: The user opens the help button on the app.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be				M
sufficiently evident to	Yes, Farhan will see			
Farhan? ("Know what to	the Help button.			
do?" -Will the Farhan know				
what to do to achieve the				
task?)				
Will the Farhan notice				M
that the correct action is	Yes, Farhan will			
available? ("See how to do	notice the Help			
it" - Can users see the	button on the page.			
button or menu item that				
they should use for the next				
action? Is it apparent when				
needed?)				

Will the Farhan associate	Yes, Farhan will be		M
and interpret the response	able to interpret to		
from the action correctly	click the Help		
("Understand correct	button.		
action/not correction" - will			
users know from the			
feedback that they have			
made a correct or incorrect			
choice of action?)			

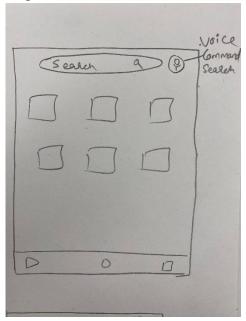
Step 2: The app shows the help dialog with both text and voice search.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating
				(1-5)
Will the correct action be		Farhan will not be		M
sufficiently evident to		able to understand		
Farhan? ("Know what to		voice search		
do?" -Will the Farhan		dialogue.		
know what to do to achieve				
the task?)				

Will the Farhan notice		Farhan will see the	M
that the correct action is		Help button but not	
available? ("See how to do		voice search.	
it" - Can users see the			
button or menu item that			
they should use for the next			
action? Is it apparent when			
needed?)			
Will the Farhan associate	Farhan will be		M
and interpret the	redirected to the		
response from the action	option selected.		
correctly ("Understand			
correct action/not			
correction" - will users			
know from the feedback			
that they have made a			
correct or incorrect choice			
of action?)			

Step 3: The user clicks on voice search option.



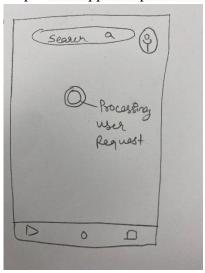
Question	Yes (reason/s)	No	Maybe	Severity
		(reason/s)	(reason/s)	Rating
				(1-5)
Will the correct action be	Farhan will see the voice search			M
sufficiently evident to Farhan?	mic icon.			
("Know what to do?" -Will the				
Farhan know what to do to				
achieve the task?)				
Will the Farhan notice that the	Farhan will click on voice search			M
correct action is available? ("See	icon to seach.			
how to do it" - Can users see the				
button or menu item that they				
should use for the next action? Is				
it apparent when needed?)				
Will the Farhan associate and	Farhan will be searching with voice			M
interpret the response from the	command and see output.			
action correctly ("Understand				
correct action/not correction" -				
will users know from the feedback				
that they have made a correct or				
incorrect choice of action?)				

Step 4: The app requests the user to speak for help.



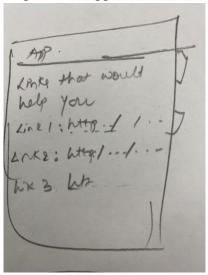
Question	Yes (reason/s)	No	Maybe (reason/s)	Severity
		(reason/s)		Rating
				(1-5)
Will the correct action be			Farhan will not be	M
sufficiently evident to			able to understand	
Farhan? ("Know what to do?"			the correct action.	
-Will the Farhan know what to				
do to achieve the task?)				
Will the Farhan notice that	Farhan will notice that it			
the correct action is	is waiting for user to			
available? ("See how to do it"	speak.			
- Can users see the button or				
menu item that they should use				
for the next action? Is it				
apparent when needed?)				
Will the Farhan associate and	Farhan will be redirected			M
interpret the response from	to the page where app is			
the action correctly	perfoming action spoken.			
("Understand correct action/not				
correction" - will users know				
from the feedback that they				
have made a correct or				
incorrect choice of action?)				

Step 5: The app then processes the user's request.



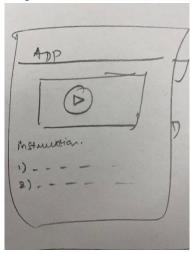
Question	Yes (reason/s)	No	Maybe (reason/s)	Severity
		(reason/s)		Rating
Will the correct action be	Farhan will see Processing			(1-5)
sufficiently evident to	going on for request.			
Farhan? ("Know what to	going on for request.			
do?" -Will the Farhan				
know what to do to achieve				
the task?)				
Will the Farhan notice				
that the correct action is	Farhan will be able to see it is			
available? ("See how to do	processing the requ est.			
it" - Can users see the	processing one requires			
button or menu item that				
they should use for the next				
action? Is it apparent when				
needed?)				
Will the Farhan associate	Farhan will be redirected to new			
and interpret the	page with request asked for.			
response from the action				
correctly ("Understand				
correct action/not				
correction" - will users				
know from the feedback				
that they have made a				
correct or incorrect choice				
of action?)				

Step 6: The app shows various links related to the user's request (Sharing in this case).



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating (1-5)
Will the correct action be	Farhan will see the			
sufficiently evident to	available links.			
Farhan? ("Know what to				
do?" -Will the Farhan know				
what to do to achieve the				
task?)				
Will the Farhan notice	Farhan will click on			
that the correct action is	link he wants to			
available? ("See how to do	access.			
it" - Can users see the				
button or menu item that				
they should use for the next				
action? Is it apparent when				
needed?)				
Will the Farhan associate	Farhan will be			
and interpret the response	redirected to the link			
from the action correctly	he clicks.			
("Understand correct				
action/not correction" - will				
users know from the				
feedback that they have				
made a correct or incorrect				
choice of action?)				

Step 7: The user selects the link that suits them the most.

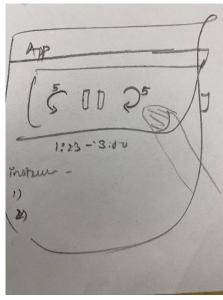


Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating
				(1-5)
Will the correct action be	Farhan will be see			
sufficiently evident to	the video with			
Farhan? ("Know what to	instruction.			
do?" -Will the Farhan know				
what to do to achieve the				
task?)				
Will the Farhan notice		Farhan will not		M
that the correct action is		understand what to		
available? ("See how to do		perform.		
it" - Can users see the				
button or menu item that				
they should use for the next				
action? Is it apparent when				
needed?)				
Will the Farhan associate	Farhan will be			
and interpret the response	redirected to the			
from the action correctly	video page when			
("Understand correct	clicked on video.			
action/not correction" - will				
users know from the				
feedback that they have				
made a correct or incorrect				
choice of action?)				

Step 8-10: The app then shows a video dialog with text instructions at the bottom.

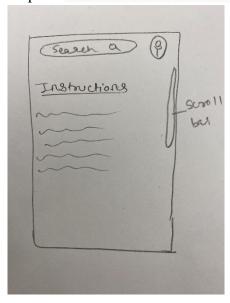
The user clicks on the play icon to play the tutorial.

The can forward or rewind the video to understand the functionality.



Question	Yes (reason/s)	No	Maybe (reason/s)	Severity
		(reason/s)		Rating
				(1-5)
Will the correct action be	Farhan will the see the video			
sufficiently evident to	output.			
Farhan? ("Know what to				
do?" -Will the Farhan know				
what to do to achieve the				
task?)				
Will the Farhan notice that	Farhan will notice the different			
the correct action is	buttons for play, pause			
available? ("See how to do	buttons.			
it" - Can users see the button				
or menu item that they should				
use for the next action? Is it				
apparent when needed?)				
Will the Farhan associate	Farhan will be able to see the			
and interpret the response	video changes according to			
from the action correctly	action.			
("Understand correct				
action/not correction" - will				
users know from the feedback				
that they have made a correct				
or incorrect choice of action?)				

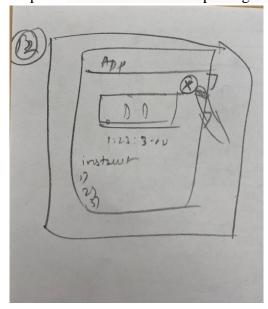
Step 11: The user scrolls down to look at text instructions.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating
				(1-5)
Will the correct action be	Farhan will see the			M
sufficiently evident to	scroll bar.			
Farhan? ("Know what to				
do?" -Will the Farhan				
know what to do to achieve				
the task?)				
Will the Farhan notice	Farhan will			M
that the correct action is	understand there is			
available? ("See how to do	scroll bar to scroll.			
it" - Can users see the				
button or menu item that				
they should use for the next				
action? Is it apparent when				
needed?)				
Will the Farhan associate	Farhan will be able			M
and interpret the	to navigate up and			
response from the action	down with it.			
correctly ("Understand				
correct action/not				
correction" - will users				
know from the feedback				
that they have made a				

correct or incorrect choice		
of action?)		

Step 12: The user exits the help using the close



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be	Farhan will see the			
sufficiently evident to	exit button.			
Farhan? ("Know what to				
do?" -Will the Farhan know				
what to do to achieve the				
task?)				
Will the Farhan notice	Farhan will			
that the correct action is	understand to click			
available? ("See how to do	exit to exit app.			
it" - Can users see the				
button or menu item that				
they should use for the next				
action? Is it apparent when				
needed?)				

Will the Farhan associate	Farhan will be out of		
and interpret the response	the app after clicking		
from the action correctly	exit.		
("Understand correct			
action/not correction" - will			
users know from the			
feedback that they have			
made a correct or incorrect			
choice of action?)			

Evaluation 4

Date of Evaluation: 19th July, 2023

Names of Evaluators: Shweta Shweta

Task Title: Sharing images securely with masking/blurring.

Task Scenario: Farhan enjoys visiting various scenic locations with their travel group. There are 4 other members in this travel group, Jenny, Audrie, John, and Mike. They visited Rainbow beach last week and clicked a lot of images on everyone's phones. Farhan wants to share these photos with their travel group securely. Farhan opens the app's share dialog.

The app's sharing dialog provides options like masking and face authentication. Farhan chooses the images that they want to share and applies masking to blur faces in the background, who are not part of the travel group. They then choose the members/group with whom the images are to be shared. The group members then receive a notification that images have been shared.

Step 1-4: The user opens the sharing dialog from the gallery.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be	Yes			1
sufficiently evident to	It is clear and UI is			
Farhan? ("Know what to	clear.			
do?" -Will the Farhan know				
what to do to open the				
sharing dialog?)				

Will the Farhan notice that	Maybe	3
the correct action is	The search option is	
available? ("See how to do	clear and accessible.	
it" - Can users see the button	However, there is no	
or menu item that they should	correct action to	
use for opening the sharing	enter or proceed to	
dialog? Is it apparent when	do the search. This	
needed?)	might be a little	
	misleading.	
Will the Farhan associate	Maybe	2
and interpret the response	The share option is a	
from the action correctly	little too close to the	
("Understand correct	search bar, which	
action/not correction" - will	might make user	
users know from the feedback	annoyed.	
that they have made a correct	The functionality is	
or incorrect choice of action?)	good.	

Step 2-5: The app displays the sharing dialog with a list of images. The user selects the required photos from the list. The clicks on the button to move ahead. The app checks if at least one image is chosen.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating
Will the correct action be sufficiently evident to Farhan? ("Know what to do?" -Will the Farhan know what to do to achieve the task?)	Yes It is evident, the images are clearly displayed on the Screen.			1
Will the Farhan notice that the correct action is available? ("See how to do it" - Can users see the button or menu item that they should use for the next action? Is it apparent when needed?)	Yes The user will be able to successfully proceed.			1
Will the Farhan associate and interpret the response from the action correctly ("Understand correct action/not correction" - will users know from the feedback that they have made a correct or incorrect choice of action?)		No The action is available. However, the user might share photos thinking the screen shows final selection of photos.		M

Step 6-9: The app shows the masking dialog to the user. The user selects portions of the image to be masked. The user chooses between emoticon masking and blurring for the selected portions. The user confirms selection by clicking on the button.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
	**			(1-5)
Will the correct action be	Yes			1
sufficiently evident to	It is clear to proceed			
Farhan? ("Know what to	with the action.			
do?" -Will the Farhan know				
what to do to achieve the				
task?)				
Will the Farhan notice that	Yes			1
the correct action is	The correct action is			
available? ("See how to do	available.			
it" - Can users see the button				
or menu item that they should				
use for the next action? Is it				
apparent when needed?)				
Will the Farhan associate	Yes			1
and interpret the response	The user can interpret			
from the action correctly	the response well.			
("Understand correct				
action/not correction" - will				
users know from the feedback				
that they have made a correct				
or incorrect choice of action?)				

Step 10-11: The app validates the selections and masking options chosen by the user. The app then scans the visible faces to identify the recipients.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be	Yes			1
sufficiently evident to	The action is evident			
Farhan? ("Know what to	to be completed.			
do?" -Will the Farhan know				
what to do to achieve the				
task?)				
Will the Farhan notice that	Yes			1
the correct action is	The action is available			
available? ("See how to do	and clear on the			
it" - Can users see the button	screen.			
or menu item that they should				
use for the next action? Is it				
apparent when needed?)				
Will the Farhan associate	Yes			1
and interpret the response	The user can interpret			
from the action correctly	the response well.			
("Understand correct				
action/not correction" - will				
users know from the feedback				
that they have made a correct				
or incorrect choice of action?)				

Step 12-14: The app then proceeds to the next screen for mode of sharing. The user confirms the recipients and chooses the mode of sharing. The app verifies the recipients and mode of sharing.



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Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be	Yes			1
sufficiently evident to	The action is clear.			
Farhan? ("Know what to				
do?" -Will the Farhan know				
what to do to achieve the				
task?)				
Will the Farhan notice that			Maybe	2
the correct action is			The options are good	
available? ("See how to do			to have. However,	
it" - Can users see the button			The screen is too	
or menu item that they should			clustered.	
use for the next action? Is it				
apparent when needed?)				
Will the Farhan associate	Yes			1
and interpret the response	The response is clear			
from the action correctly	and evident.			
("Understand correct				
action/not correction" - will				
users know from the feedback				
that they have made a correct				
or incorrect choice of action?)				

Step 15-16: The app sends the images to the selected recipients. The app shows success notice to the user.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be			Maybe,	2
sufficiently evident to			The option is not	
Farhan? ("Know what to			present to show the	
do?" -Will the Farhan know			processing of the	
what to do to achieve the			image sharing status.	
task?)				
Will the Farhan notice that	Yes, the correct action			1
the correct action is	is available.			
available? ("See how to do				
it" - Can users see the button				
or menu item that they should				
use for the next action? Is it				
apparent when needed?)				
Will the Farhan associate		No,		4
and interpret the response		The app response		
from the action correctly		doesn't mention that		
("Understand correct		the images are shared.		
action/not correction" - will				
users know from the feedback				
that they have made a correct				
or incorrect choice of action?)				

Step 17: The recipients receive notification on their phone from the app for the shared images.



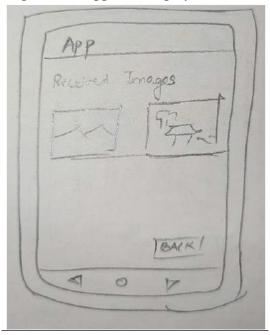
Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating (1-5)
Will the correct action be	Yes,			1
sufficiently evident to	The notification			
Farhan? ("Know what to	feature is good.			
do?" -Will the Farhan know				
what to do to achieve the				
task?)				
Will the Farhan notice that	Yes, the pop-up			1
the correct action is	notification clearly			
available? ("See how to do	shows the status.			
it" - Can users see the button				
or menu item that they should				
use for the next action? Is it				
apparent when needed?)				
Will the Farhan associate	Yes, the notification			1
and interpret the response	clearly mentions the			
from the action correctly	message.			
("Understand correct				
action/not correction" - will				
users know from the feedback				
that they have made a correct				
or incorrect choice of action?)				

Step 18-19: The recipient opens the app to receive the images. The app scans the recipients face to authenticate the transfer.



Question	Yes (reason/s)	No	Maybe (reason/s)	Severity
		(reason/s)		Rating
				(1-5)
Will the correct action be	Yes			1
sufficiently evident to Farhan?	The action is available.			
("Know what to do?" -Will the Farhan				
know what to do to achieve the task?)				
Will the Feeboure of the Abet Abet	V			1
Will the Farhan notice that the	Yes			1
correct action is available? ("See	The correct action is			
how to do it" - Can users see the	available.			
button or menu item that they should				
use for the next action? Is it apparent				
when needed?)				
Will the Farhan associate and	Yes,			1
interpret the response from the	The response is good.			
action correctly ("Understand correct				
action/not correction" - will users				
know from the feedback that they have				
made a correct or incorrect choice of				
action?)				

Step 20: The app then displays the shared images to the user.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be			Maybe,	2
sufficiently evident to			The back option may	
Farhan? ("Know what to			lead to function	
do?" -Will the Farhan know			failure.	
what to do to achieve the				
task?)				
Will the Farhan notice that	Yes,			1
the correct action is	The correct options			
available? ("See how to do	are available.			
it" - Can users see the button				
or menu item that they should				
use for the next action? Is it				
apparent when needed?)				
Will the Farhan associate	Yes,			1
and interpret the response	The screen message is			
from the action correctly	clear.			
("Understand correct				
action/not correction" - will				
users know from the feedback				
that they have made a correct				
or incorrect choice of action?)				

Cognitive Walkthrough Sheet [Evaluation Sheet/s – Feature 2]

Task Title: Quick search

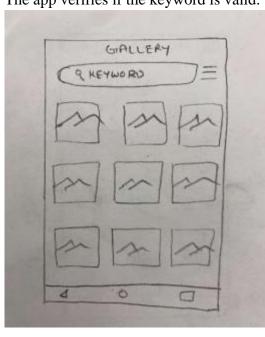
Task Scenario: Roger and his friends Zoro, Jack and Brook love to travel. They have visited several locations all around Canada during the year 2022 as a part of their Canada wide trip. During this trip Roger and his friends visited Niagara Falls in June 2022. Roger now wants to add the images from Niagara Falls to his Instagram profile. So, he wants to search and filter his photos so that he can find the images easily. The app provides text and filters for this purpose. Roger applies the required filters on the app. The app then shows him the filtered images. Roger then uses these images for Instagram.

Step 1-4: The user opens the gallery on the app.

The app shows the gallery dialog with search bar and filter icon.

The user enters keyword for search.

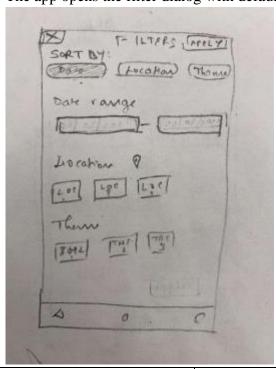
The app verifies if the keyword is valid.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be	Yes			1
sufficiently evident to	It is clear what needs			
Farhan? ("Know what to	to be done.			
do?" -Will the Farhan know				
what to do to achieve the				
task?)				
Will the Farhan notice that			Maybe	3
the correct action is			While searching, the	
available? ("See how to do			user doesn't get an	

it" - Can users see the button		option to enter the	
or menu item that they should		search keyboard.	
use for the next action? Is it			
apparent when needed?)			
Will the Farhan associate	Yes		1
and interpret the response	The response is clear.		
from the action correctly			
("Understand correct			
action/not correction" - will			
users know from the feedback			
that they have made a correct			
or incorrect choice of action?)			

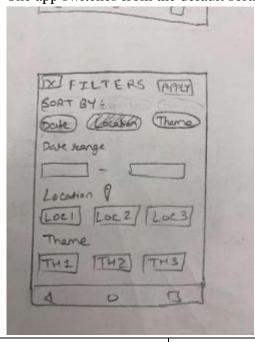
Step 5-6: The user clicks on the filter's icon to open filter dialog. The app opens the filter dialog with default sorting option as date.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be			Maybe	3
sufficiently evident to			The screen doesn't	
Farhan? ("Know what to do?"			show the default	
-Will the Farhan know what to			filter applied.	
do to achieve the task?)				
Will the Farhan notice that	Yes			1
the correct action is				
available? ("See how to do it"				

- Can users see the button or menu item that they should use for the next action? Is it apparent when needed?)	The correct action is available.		
Will the Farhan associate and		Maybe	M
interpret the response from		For older people,	
the action correctly		It might be	
("Understand correct action/not		confusing to select	
correction" - will users know		the correct option	
from the feedback that they		and understand the	
have made a correct or		existing applied	
incorrect choice of action?)		filter.	

Step 7-8: The user selects required sorting from given options. The app switches from the default sorting option to the selected.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be	Yes			1
sufficiently evident to	The action is clear.			
Farhan? ("Know what to				
do?" -Will the Farhan				
know what to do to achieve				
the task?)				
Will the Farhan notice	Yes			1
that the correct action is				

available? ("See how to do	The correct action is		
it" - Can users see the	available.		
button or menu item that			
they should use for the next			
action? Is it apparent when			
needed?)			
Will the Farhan associate		Maybe, the user	2
and interpret the		doesn't get any on-	
response from the action		screen	
correctly ("Understand		confirmation.	
correct action/not			
correction" - will users			
know from the feedback			
that they have made a			
correct or incorrect choice			
of action?)			

Step 9-10: The user enters the start date and the end date.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be	Yes			1
sufficiently evident to	The correct feature			
Farhan? ("Know what to	is available.			
do?" -Will the Farhan				
know what to do to achieve				
the task?)				
Will the Farhan notice	Yes			1
that the correct action is				

available? ("See how to do	The correct option is		
it" - Can users see the	available.		
button or menu item that			
they should use for the next			
action? Is it apparent when			
needed?)			
Will the Farhan associate	Yes		1
and interpret the	The correct response		
response from the action	is available.		
correctly ("Understand			
correct action/not			
correction" - will users			
know from the feedback			
that they have made a			
correct or incorrect choice			
of action?)			

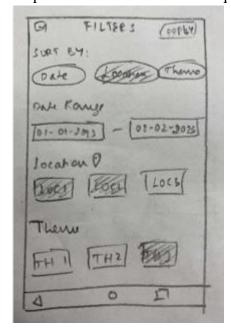
Step 11-12: The user chooses the required locations from the list or by setting location. The app verifies if the selected locations are valid.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be	Yes			1
sufficiently evident to	The action is evident			
Farhan? ("Know what to	on what needs to be			
do?" -Will the Farhan	done.			
know what to do to achieve				
the task?)				

Will the Farhan notice		Maybe,	2
that the correct action is		The screen is too	
available? ("See how to do		clustered.	
it" - Can users see the		Can remove few	
button or menu item that		options.	
they should use for the next			
action? Is it apparent when			
needed?)			
Will the Farhan associate	Yes		1
and interpret the	The response is		
response from the action	clear.		
correctly ("Understand			
correct action/not			
correction" - will users			
know from the feedback			
that they have made a			
correct or incorrect choice			
of action?)			

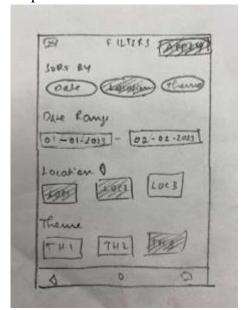
Step 13: The user chooses the required themes from the list.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)

Will the correct action be sufficiently evident to Farhan? ("Know what to do?" -Will the Farhan know what to do to achieve the task?)	Yes The actin is clear on what needs to be done,		1
Will the Farhan notice that the correct action is available? ("See how to do it" - Can users see the button or menu item that they should use for the next action? Is it apparent when needed?)		Maybe The screen is too cluttered. Some actions are not clearly visible.	3
Will the Farhan associate and interpret the response from the action correctly ("Understand correct action/not correction" - will users know from the feedback that they have made a correct or incorrect choice of action?)	Yes The response is evident.		1

Step 14: The user confirms selections by clicking on the Apply.

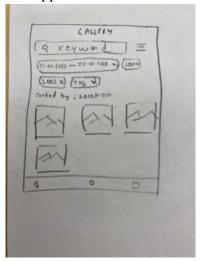


Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be	Yes			1
sufficiently evident to	The action is clear.			
Farhan? ("Know what to				
do?" -Will the Farhan				
know what to do to achieve				
the task?)				
Will the Farhan notice	Yes			1
that the correct action is	The correct action is			
available? ("See how to do	available.			
it" - Can users see the				
button or menu item that				
they should use for the next				
action? Is it apparent when				
needed?)				
Will the Farhan associate	Yes			1
and interpret the	The response is			
response from the action	clear.			
correctly ("Understand				
correct action/not				
correction" - will users				
know from the feedback				
that they have made a				
correct or incorrect choice				
of action?)				

Step 15-17: The app verifies the filter and sorting selections.

The app displays the filtered images to the user

The app also shows the selected filters



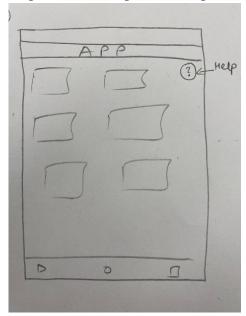
Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be	Yes			1
sufficiently evident to	The action is clear.			
Farhan? ("Know what to				
do?" -Will the Farhan				
know what to do to achieve				
the task?)				
Will the Farhan notice	Yes			1
that the correct action is	The action is			
available? ("See how to do	available.			
it" - Can users see the				
button or menu item that				
they should use for the next				
action? Is it apparent when				
needed?)				
Will the Farhan associate	Yes			1
and interpret the	The response is			
response from the action	clear.			
correctly ("Understand				
correct action/not				
correction" - will users				
know from the feedback				
that they have made a				
correct or incorrect choice				
of action?)				

Cognitive Walkthrough Sheet [Evaluation Sheet/s – Feature 3]

Task Title: Provide help to user for any task.

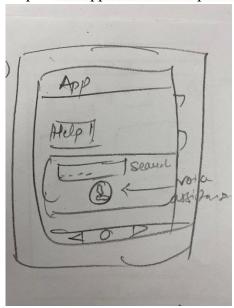
Task Scenario: Joe(70y) and his friends Jane, John, and Jack got together during a reunion. Joe clicked a lot of photos of the event to preserve the memories. Jack requested Joe to share the photos containing him. Joe is not very tech savvy, so he uses the Help section of the app. Joe is not very good at typing, so he uses the voice search options to navigate to the required section. Joe watches the tutorial to share photos and shares images with Jack.

Step 1: The user opens the help button on the app.



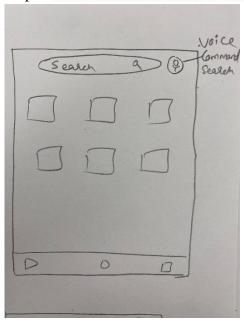
Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating (1-5)
Will the correct action be sufficiently evident to Farhan? ("Know what to do?" -Will the Farhan know what to do to achieve the task?)	Yes, The help button is sufficient.			1
Will the Farhan notice that the correct action is available? ("See how to do	Yes, The correct options are available.			1
it" - Can users see the button or menu item that they should use for the next action? Is it apparent when needed?)				
Will the Farhan associate and interpret the response from the action correctly ("Understand correct action/not correction" - will users know from the feedback that they have made a correct or incorrect choice of action?)	Yes, The correct response is clear.			1

Step 2: The app shows the help dialog with both text and voice search.



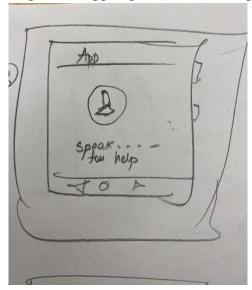
Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating
				(1-5)
Will the correct action be	Yes, the action is			1
sufficiently evident to	sufficient			
Farhan? ("Know what to				
do?" -Will the Farhan know				
what to do to achieve the				
task?)				
Will the Farhan notice that			Maybe.	2
the correct action is			The action is	
available? ("See how to do			available.	
it" - Can users see the button			However, the action	
or menu item that they should			doesn't clearly	
use for the next action? Is it			mention the steps to	
apparent when needed?)			do to complete the	
			task.	
Will the Farhan associate			Maybe	M
and interpret the response			The response isn't	
from the action correctly			clear enough.	
("Understand correct			This response can be	
action/not correction" - will			improved to better	
users know from the feedback			display the option.	
that they have made a correct			Additionally, the	
or incorrect choice of action?)			language feature can	
			be added.	

Step 3: The user clicks on voice search option.



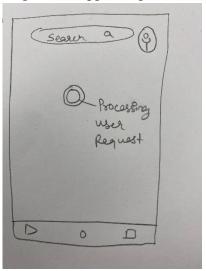
Question	Yes (reason/s)	No	Maybe (reason/s)	Severity
		(reason/s)		Rating
				(1-5)
Will the correct action be			Maybe,	2
sufficiently evident to Farhan?			The option is very small	
("Know what to do?" -Will the			and can be zoom or added	
Farhan know what to do to			some special effect to let	
achieve the task?)			the user know they chose	
			the right option.	
Will the Farhan notice that the	Yes			1
correct action is available?	The action is evident.			
("See how to do it" - Can users				
see the button or menu item that				
they should use for the next				
action? Is it apparent when				
needed?)				
Will the Farhan associate and	Yes			1
interpret the response from the	The user can easily			
action correctly ("Understand	interpret the response			
correct action/not correction" -				
will users know from the				
feedback that they have made a				
correct or incorrect choice of				
action?)				

Step 4: The app requests the user to speak for help.



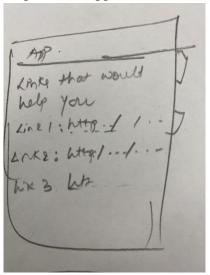
Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating (1-5)
Will the correct action be	Yes			1
sufficiently evident to	The user will be able			
Farhan? ("Know what to	to use the feature.			
do?" -Will the Farhan know				
what to do to achieve the				
task?)				
Will the Farhan notice that	Yes			1
the correct action is	The action is clearly			
available? ("See how to do	available.			
it" - Can users see the button				
or menu item that they should				
use for the next action? Is it				
apparent when needed?)				
Will the Farhan associate	Yes			1
and interpret the response	The user can interpret			
from the action correctly	the response.			
("Understand correct				
action/not correction" - will				
users know from the feedback				
that they have made a correct				
or incorrect choice of action?)				

Step 5: The app then processes the user's request.



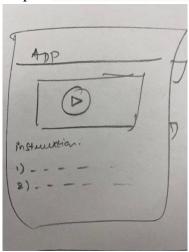
Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating (1-5)
Will the correct action be sufficiently evident to			Maybe The user might be	2
Farhan? ("Know what to do?" -Will the Farhan know what to do to achieve the task?)			able to figure out what is current action.	
Will the Farhan notice that the correct action is available? ("See how to do it" - Can users see the button or menu item that they should use for the next action? Is it apparent when needed?)			Maybe The icon doesn't clearly show the loading action.	3
Will the Farhan associate and interpret the response from the action correctly ("Understand correct action/not correction" - will users know from the feedback	Yes The user can correctly interpret the response,			1
that they have made a correct or incorrect choice of action?)				

Step 6: The app shows various links related to the user's request (Sharing in this case).



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating (1-5)
Will the correct action be		No		M
sufficiently evident to		The links aren't clear		
Farhan? ("Know what to		as to what they mean.		
do?" -Will the Farhan know		Instead of text, icons		
what to do to achieve the		can be added.		
task?)				
Will the Farhan notice that	Yes			1
the correct action is	The correct action is			
available? ("See how to do	available.			
it" - Can users see the button				
or menu item that they should				
use for the next action? Is it				
apparent when needed?)				
Will the Farhan associate	Yes			1
and interpret the response	The response is clear.			
from the action correctly				
("Understand correct				
action/not correction" - will				
users know from the feedback				
that they have made a correct				
or incorrect choice of action?)				

Step 7: The user selects the link that suits them the most.

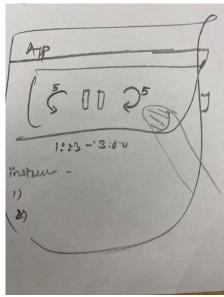


Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be			Maybe	3
sufficiently evident to			The links are	
Farhan? ("Know what to			available.	
do?" -Will the Farhan know			However, it's not	
what to do to achieve the			evident which link	
task?)			has been chosen by	
			the user.	
Will the Farhan notice that		No		4
the correct action is		The correct action is		
available? ("See how to do		not available.		
it" - Can users see the button		As the selected option		
or menu item that they should		is not highlighted or		
use for the next action? Is it		zoomed.		
apparent when needed?)				
Will the Farhan associate	Yes			1
and interpret the response	The response is clear.			
from the action correctly				
("Understand correct				
action/not correction" - will				
users know from the feedback				
that they have made a correct				
or incorrect choice of action?)				

Step 8-10: The app then shows a video dialog with text instructions at the bottom.

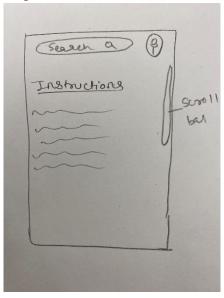
The user clicks on the play icon to play the tutorial.

The can forward or rewind the video to understand the functionality.



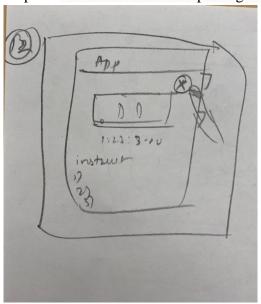
Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be	Yes			1
sufficiently evident to	The action is clear.			
Farhan? ("Know what to				
do?" -Will the Farhan know				
what to do to achieve the				
task?)				
Will the Farhan notice that	YesThe correct action			1
the correct action is	is available.			
available? ("See how to do				
it" - Can users see the button				
or menu item that they should				
use for the next action? Is it				
apparent when needed?)				
Will the Farhan associate	Yes			1
and interpret the response	The response is clear.			
from the action correctly				
("Understand correct				
action/not correction" - will				
users know from the feedback				
that they have made a correct				
or incorrect choice of action?)				

Step 11: The user scrolls down to look at text instructions.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating
				(1-5)
Will the correct action be	Yes			1
sufficiently evident to	The action is clear.			
Farhan? ("Know what to				
do?" -Will the Farhan know				
what to do to achieve the				
task?)				
Will the Farhan notice that	YesThe correct action			1
the correct action is	is available.			
available? ("See how to do				
it" - Can users see the button				
or menu item that they should				
use for the next action? Is it				
apparent when needed?)				
Will the Farhan associate	Yes			1
and interpret the response	The response is clear.			
from the action correctly				
("Understand correct				
action/not correction" - will				
users know from the feedback				
that they have made a correct				
or incorrect choice of action?)				

Step 12: The user exits the help using the close



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating
				(1-5)
Will the correct action be	Yes			1
sufficiently evident to	The action is clear.			
Farhan? ("Know what to				
do?" -Will the Farhan know				
what to do to achieve the				
task?)				
Will the Farhan notice that			Maybe	2
the correct action is			The button size can	
available? ("See how to do			be increased	
it" - Can users see the button				
or menu item that they should				
use for the next action? Is it				
apparent when needed?)				
Will the Farhan associate	Yes			1
and interpret the response	The response is clear.			
from the action correctly				
("Understand correct				
action/not correction" - will				
users know from the feedback				
that they have made a correct				
or incorrect choice of action?)				

Evaluation 5

Date of Evaluation: July 19, 2023

Names of Evaluators: Vikram Venkatapathi

Task Title: Sharing images securely with masking/blurring.

Task Scenario: Farhan enjoys visiting various scenic locations with their travel group. There are 4 other members in this travel group, Jenny, Audrie, John, and Mike. They visited Rainbow beach last week and clicked a lot of images on everyone's phones. Farhan wants to share these photos with their travel group securely. Farhan opens the app's share dialog.

The app's sharing dialog provides options like masking and face authentication. Farhan chooses the images that they wants to share and applies masking to blur faces in the background, who are not part of the travel group. They then chooses the members/group with whom the images are to be shared. The group members then receive a notification that images have been shared.

Step 1-4: The user opens the sharing dialog from the gallery.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action	Yes, the app shows			
be sufficiently evident to	the share , icon			
Farhan? ("Know what to	which gives a			
do?" -Will the Farhan	cognitive			
know what to do to open	instruction to share			
the sharing dialog?)	the images.			

***************************************	T	T		_
Will the Farhan notice				
that the correct action is	Yes, according to			
available? ("See how to	the scenario,			
do it" - Can users see the	Farhan can			
button or menu item that	understand that			
they should use for	Farhan can share			
opening the sharing	the images Farhan			
dialog? Is it apparent	has taken.			
when needed?)				
Will the Farhan			On clicking the	1
associate and interpret			share button, if it	
the response from the			moves to the	
action correctly			sharing module,	
("Understand correct			then I think, it	
action/not correction" -			would be apparent	
will users know from the			to Farhan.	
feedback that they have				
made a correct or				
incorrect choice of				
action?)				

Step 2-5: The app displays the sharing dialog with a list of images. The user selects the required photos from the list. The clicks on the button to move ahead. The app checks if at least one image is chosen.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating
				(1-5)
Will the correct action be				(1 3)
sufficiently evident to				
Farhan? ("Know what to	Yes, Farhan would			
do?" -Will the Farhan	know what to do.			
know what to do to	Select the images			
achieve the task?)				
Will the Farhan notice				
that the correct action is	Yes, Farhan would			
available? ("See how to	know what to do.			
do it" - Can users see the	Since it provide			
button or menu item that	feedback when the			
they should use for the	image is selected			
next action? Is it apparent				
when needed?)				
Will the Farhan associate	Yes, when image is			
and interpret the	selected, the check			
response from the action	box is checked, if it			
correctly ("Understand	is not selected, then			
correct action/not	it is unchecked. So,			
correction" - will users	the feedback			
know from the feedback	indicates they have			
that they have made a	selected the correct			
correct or incorrect choice	action			
of action?)				

Step 6-9: The app shows the masking dialog to the user. The user selects portions of the image to be masked. The user chooses between emoticon masking and blurring for the selected portions. The user confirms selection by clicking on the button.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be			Mask option is	M
sufficiently evident to			available but	
Farhan? ("Know what to			doesn't show what	
do?" -Will the Farhan			to do. Provide any	
know what to do to achieve			information icon to	
the task?)			show Farhan what	
			to do.	
Will the Farhan notice				
that the correct action is	Yes, Farhan would			
available? ("See how to do	know how to blur			
it" - Can users see the	the face of a person			
button or menu item that	in the image			
they should use for the				
next action? Is it apparent				
when needed?)				

Will the Farhan associate	Yes, after exploring
and interpret the	Farhan would be
response from the action	able to know what
correctly ("Understand	to do with masking
correct action/not	the faces, based on
correction" - will users	feedback show in
know from the feedback	the edited image
that they have made a	
correct or incorrect choice	
of action?)	

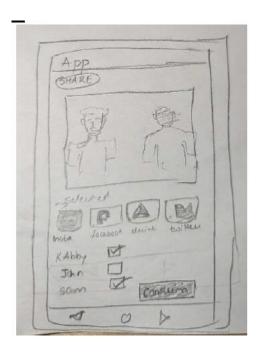
Step 10-11: The app validates the selections and masking options chosen by the user. The app then scans the visible faces to identify the recipients.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be				M
sufficiently evident to	Yes, Farhan would			
Farhan? ("Know what to	know that, the			
do?" -Will the Farhan	masking is in			
know what to do to	progress with the			
achieve the task?)	loading icon			

Will the Farhan notice	No, since no option	M
that the correct action is	is vailable. He	
available? ("See how to	won't know what to	
do it" - Can users see the	do	
button or menu item that		
they should use for the		
next action? Is it apparent		
when needed?)		
Will the Farhan associate	He would have to	M
and interpret the	wait for the	
response from the action	processing to be	
correctly ("Understand	completed. It can	
correct action/not	show a progress bar	
correction" - will users	to indicate the level	
know from the feedback	of completion, for	
that they have made a	feedback	
correct or incorrect choice		
of action?)		

Step 12-14: The app then proceeds to the next screen for mode of sharing. The user confirms the recipients and chooses the mode of sharing. The app verifies the recipients and mode of sharing.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating (1-5)
Will the correct action				
be sufficiently evident to	Yes the app shows			
Farhan? ("Know what to	the detected			
do?" -Will the Farhan	receipients, and			
know what to do to	their names. It also			
achieve the task?)	shows the apps to			
	share to. Hence			
	Farhan would know			
	he can share the			
	images now.			
Will the Farhan notice				
that the correct action is	Yes, he would			
available? ("See how to	know that the			
do it" - Can users see the	correct option is			
button or menu item that	available to select			
they should use for the	the recipients and			
next action? Is it apparent	share to other			
when needed?)	platforms.			
Will the Farhan			Change confirm	M
associate and interpret			button to	
the response from the			send/share to be	
action correctly			more instructive	
("Understand correct			to Farhan., also	
action/not correction" -			provide multiselct	
will users know from the			to the platforms	
feedback that they have				
made a correct or				
incorrect choice of				
action?)				

Step 15-16: The app sends the images to the selected recipients. The app shows success notice to the user.



Question Will the correct action	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating (1-5)
be sufficiently evident to	Yes, it shows the			
Farhan? ("Know what to	image sharing is			
do?" -Will the Farhan	successful, Positive			
know what to do to	feedback.			
achieve the task?)				
Will the Farhan notice				
that the correct action is				
available? ("See how to	Yes, ok is available			
do it" - Can users see the	to the user. Which			
button or menu item that	indicates the next			
they should use for the	step			
next action? Is it apparent				
when needed?)				

Will the Farhan	There are no other M
associate and interpret	feedback, except
the response from the	the success one.
action correctly	Provide option to
("Understand correct	do any further
action/not correction" -	tasks, like share
will users know from the	more option
feedback that they have	
made a correct or	
incorrect choice of	
action?)	

Step 17: The recipients receive notification on their phone from the app for the shared images.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be			No action is	1
sufficiently evident to			available, just	
Farhan? ("Know what to			feedback is present	
do?" -Will the Farhan know				
what to do to achieve the				
task?)				

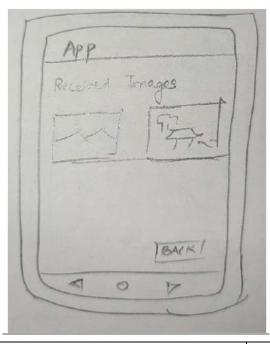
Will the Farhan notice that the correct action is available? ("See how to do it" - Can users see the button or menu item that		He knows that image sharing is successful. But no option is provided	1
they should use for the next		to to next task	
action? Is it apparent when			
needed?)			
Will the Farhan associate	No feedback, just		M
and interpret the response	notification is		
from the action correctly	present		
("Understand correct			
action/not correction" - will			
users know from the			
feedback that they have			
made a correct or incorrect			
choice of action?)			

Step 18-19: The recipient opens the app to receive the images. The app scans the recipients face to authenticate the transfer.



Will the correct action be sufficiently evident to Farhan? ("Know what to do?" -Will the Farhan know what to do to achieve the task?)	Yes (reason/s) Yes, it shows that recepients face is required to receive the Images	No (reason/s)	Maybe (reason/s)	Severity Rating (1-5)
Will the Farhan notice that the correct action is available? ("See how to do it" - Can users see the button or menu item that they should use for the next action? Is it apparent when needed?)		No, instead of directly opening the camera, provide an button to open the camera		M
Will the Farhan associate and interpret the response from the action correctly ("Understand correct action/not correction" - will users know from the feedback that they have made a correct or incorrect choice of action?)	Yes, since the app requires face authentication, he would know that he has to take a picture of his face to go inside the app to receive images.			

Step 20: The app then displays the shared images to the user.



Will the correct action be sufficiently evident to Farhan? ("Know what to do?" -Will the Farhan know what to do to achieve the task?)	Yes (reason/s) Yes, the app shows the received images,	No (reason/s)	Maybe (reason/s)	Severity Rating (1-5)
Will the Farhan notice that the correct action is available? ("See how to do it" - Can users see the button or menu item that they should use for the next action? Is it apparent when needed?) Will the Farhan associate and interpret the response from the action correctly ("Understand correct action/not correction" - will users know from the feedback that they have made a correct or incorrect choice of action?)		No option is available to save the images in his gallery.	He would know that he has some images received, but can show from whom they have received it	M

Cognitive Walkthrough Sheet [Evaluation Sheet/s – Feature 2]

Task Title: Quick search

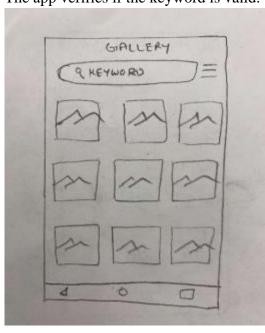
Task Scenario: Roger and his friends Zoro, Jack and Brook love to travel. They have visited several locations all around Canada during the year 2022 as a part of their Canada wide trip. During this trip Roger and his friends visited Niagara Falls in June 2022. Roger now wants to add the images from Niagara Falls to his Instagram profile. So, he wants to search and filter his photos so that he can find the images easily. The app provides text and filters for this purpose. Roger applies the required filters on the app. The app then shows him the filtered images. Roger then uses these images for Instagram.

Step 1-4: The user opens the gallery on the app.

The app shows the gallery dialog with search bar and filter icon.

The user enters keyword for search.

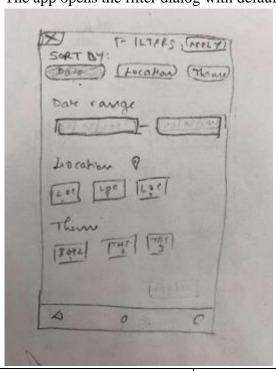
The app verifies if the keyword is valid.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be	Yes, sufficient options			M
sufficiently evident to	are provided to search			
Farhan? ("Know what to	an image			
do?" -Will the Farhan know				
what to do to achieve the				
task?)				
Will the Farhan notice that				
the correct action is	Yes, filter option to			
available? ("See how to do	select date, time,			

it" - Can users see the button or menu item that they should use for the next action? Is it apparent when needed?)	users, so he would know that he can select these options		
Will the Farhan associate and interpret the response from the action correctly ("Understand correct action/not correction" - will users know from the feedback that they have made a correct or incorrect choice of action?)		Maybe provide a prompt to search for specific keywords based on recent addition of images, like "mountain", "beach" any prompt based on the user's recent uploads	M

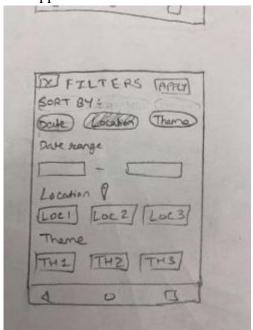
Step 5-6: The user clicks on the filter's icon to open filter dialog. The app opens the filter dialog with default sorting option as date.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be				
sufficiently evident to	Yes, sufficient			
Farhan? ("Know what to do?"	options are			
-Will the Farhan know what to	provided in the			
do to achieve the task?)	filter feature,			
	based on date,			
	location, Hence			

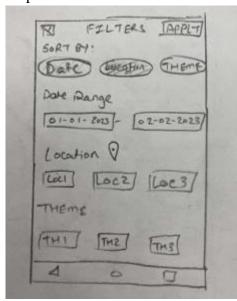
	he would know		
	he can adjust		
	those filters		
Will the Farhan notice that		Maybe provide	1
the correct action is		some populated	
available? ("See how to do it"		values based on	
- Can users see the button or		recent addition of	
menu item that they should use		images	
for the next action? Is it			
apparent when needed?)			
Will the Farhan associate and		He can understand	M
interpret the response from		but, make the apply	
the action correctly		button more	
("Understand correct action/not		evident, and move	
correction" - will users know		it to bottom	
from the feedback that they			
have made a correct or			
incorrect choice of action?)			

Step 7-8: The user selects required sorting from given options. The app switches from the default sorting option to the selected.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating (1-5)
Will the correct action be	Yes the filter options			
sufficiently evident to	are available to			
Farhan? ("Know what to	select			
do?" -Will the Farhan				
know what to do to achieve				
the task?)				
Will the Farhan notice				
that the correct action is				
available? ("See how to do	Yes, he would know			
it" - Can users see the	what to do with the			
button or menu item that	filter options			
they should use for the next				
action? Is it apparent when				
needed?)				
Will the Farhan associate	Yes, he would know			
and interpret the	that he has adjust the			
response from the action	dates, themes, add			
correctly ("Understand	location to search			
correct action/not	the images.			
correction" - will users				
know from the feedback				
that they have made a				
correct or incorrect choice				
of action?)				

Step 9-10: The user enters the start date and the end date.



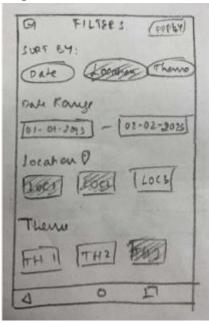
Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action	Yes the filter			M
be sufficiently evident	options are			
to Farhan? ("Know	available to select			
what to do?" -Will the				
Farhan know what to do				
to achieve the task?)				
Will the Farhan notice				M
that the correct action				
is available? ("See how	Yes, he would			
to do it" - Can users see	know what to do			
the button or menu item	with the filter			
that they should use for	options			
the next action? Is it				
apparent when needed?)				
Will the Farhan	Yes, he would			M
associate and interpret	know that he has			
the response from the	adjust the dates,			
action correctly	themes, add			
("Understand correct	location to search			
action/not correction" -	the images.			
will users know from				
the feedback that they				
have made a correct or				
incorrect choice of				
action?)				

Step 11-12: The user chooses the required locations from the list or by setting location. The app verifies if the selected locations are valid.



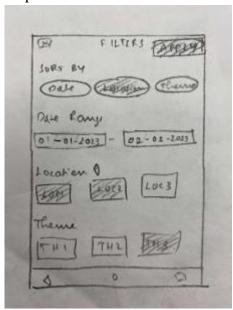
Question	Yes (reason/s)	No	Maybe (reason/s)	Severity
		(reason/s)		Rating
				(1-5)
Will the correct action be	Yes the filter options are			M
sufficiently evident to	available to select			
Farhan? ("Know what to				
do?" -Will the Farhan				
know what to do to achieve				
the task?)				
Will the Farhan notice				M
that the correct action is				
available? ("See how to	Yes, he would know			
do it" - Can users see the	what to do with the filter			
button or menu item that	options			
they should use for the				
next action? Is it apparent				
when needed?)				
Will the Farhan associate	Yes, he would know that			M
and interpret the	he has adjust the dates,			
response from the action	themes, add location to			
correctly ("Understand	search the images.			
correct action/not				
correction" - will users				
know from the feedback				
that they have made a				
correct or incorrect choice				
of action?)				

Step 13: The user chooses the required themes from the list.



Question	Yes (reason/s)	No	Maybe (reason/s)	Severity
		(reason/s)		Rating
				(1-5)
Will the correct action be	Yes the filter options			
sufficiently evident to	are available to select			
Farhan? ("Know what to do?"				
-Will the Farhan know what to				
do to achieve the task?)				
Will the Farhan notice that				
the correct action is				
available? ("See how to do it"	Yes, he would know			
- Can users see the button or	what to do with the			
menu item that they should use	filter options			
for the next action? Is it				
apparent when needed?)				
Will the Farhan associate and	Yes, he would know			
interpret the response from	that he has adjust the			
the action correctly	dates, themes, add			
("Understand correct action/not	location to search the			
correction" - will users know	images.			
from the feedback that they				
have made a correct or				
incorrect choice of action?)				

Step 14: The user confirms selections by clicking on the Apply.

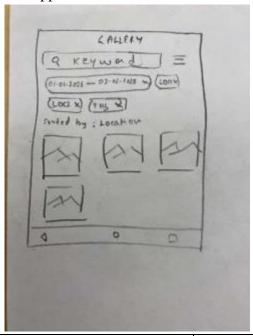


Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating (1-5)
Will the correct action be sufficiently evident to Farhan? ("Know what to do?" -Will the Farhan know what to do to achieve			Yes, apply option is available but make is more evident	1
the task?)				
Will the Farhan notice that the correct action is available? ("See how to do it" - Can users see the button or menu item that they should use for the next action? Is it apparent when needed?)			Yes, correct action is available and even shows the selected locations, dates, theme,	M
Will the Farhan associate and interpret the response from the action correctly ("Understand correct action/not correction" - will users know from the feedback that they have made a correct or incorrect choice of action?)		Add a progress bar to give feedback to the user that searching is in progress		M

Step 15-17: The app verifies the filter and sorting selections.

The app displays the filtered images to the user

The app also shows the selected filters



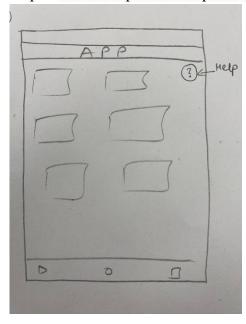
Question	Yes (reason/s)	No (reason/s)	Maybe	Severity
			(reason/s)	Rating
				(1-5)
Will the correct action be	Yes, the app shows the			
sufficiently evident to	queries images based			
Farhan? ("Know what to do?"	on filters			
-Will the Farhan know what to				
do to achieve the task?)				
Will the Farhan notice that		No, it doesn't show		M
the correct action is		any option on what to		
available? ("See how to do it"		do next		
- Can users see the button or				
menu item that they should use				
for the next action? Is it				
apparent when needed?)				
Will the Farhan associate and	Yes, it shows the filters			
interpret the response from	he selected. It indicates			
the action correctly	that he has made the			
("Understand correct action/not	correct selection			
correction" - will users know				
from the feedback that they				
have made a correct or				
incorrect choice of action?)				

Cognitive Walkthrough Sheet [Evaluation Sheet/s – Feature 3]

Task Title: Provide help to user for any task.

Task Scenario: Joe(70y) and his friends Jane, John, and Jack got together during a reunion. Joe clicked a lot of photos of the event to preserve the memories. Jack requested Joe to share the photos containing him. Joe is not very tech savvy, so he uses the Help section of the app. Joe is not very good at typing, so he uses the voice search options to navigate to the required section. Joe watches the tutorial to share photos and shares images with Jack.

Step 1: The user opens the help button on the app.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action				M
be sufficiently evident to				
Farhan? ("Know what to do?" -Will the Farhan know what to do to achieve the task?)	Yes, the help options evident, he would know what to do			
Will the Farhan notice that the correct action is available? ("See how to do it" - Can users see the button or menu item that they should use for the next action? Is it apparent when needed?)			Yes the correct option is available, maybe provide a prompt on hover, like what to do with it	M

Will the Farhan	No response is	M
associate and interpret	shown based on	
the response from the	selection	
action correctly		
("Understand correct		
action/not correction" -		
will users know from the		
feedback that they have		
made a correct or		
incorrect choice of		
action?)		

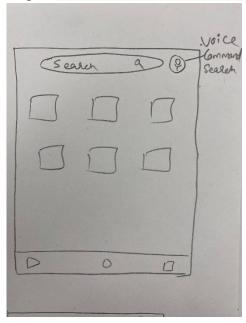
Step 2: The app shows the help dialog with both text and voice search.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be				M
sufficiently evident to				
Farhan? ("Know what to	Yah text box search,			
do?" -Will the Farhan	voice input options			
know what to do to achieve	are shown			
the task?)				

Will the Farhan notice		Maybe provide a	M
that the correct action is		prompt on what to	
available? ("See how to do		do with the	
it" - Can users see the		displayed options	
button or menu item that			
they should use for the			
next action? Is it apparent			
when needed?)			
Will the Farhan associate	No response is		M
and interpret the	provided		
response from the action			
correctly ("Understand			
correct action/not			
correction" - will users			
know from the feedback			
that they have made a			
correct or incorrect choice			
of action?)			

Step 3: The user clicks on voice search option.



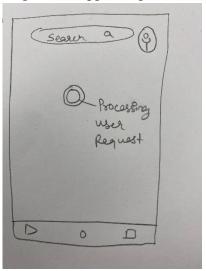
Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity
				Rating
				(1-5)
Will the correct action be				M
sufficiently evident to	Yes, voice search is			
Farhan? ("Know what to	available, but make			
do?" -Will the Farhan	it more evident			
know what to do to				
achieve the task?)				
Will the Farhan notice				M
that the correct action is				
available? ("See how to	Yes the correct			
do it" - Can users see the	voice search option			
button or menu item that	is availble			
they should use for the				
next action? Is it apparent				
when needed?)				
Will the Farhan associate			Provide voice	M
and interpret the			input prompt to get	
response from the action			the voice search	
correctly ("Understand			commands	
correct action/not				
correction" - will users				
know from the feedback				
that they have made a				
correct or incorrect choice				
of action?)				

Step 4: The app requests the user to speak for help.



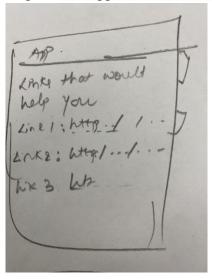
Will the correct action be sufficiently evident to Farhan? ("Know what to do?" -Will the Farhan know what to do to achieve the task?)	Yes (reason/s) Yes, it shows prompt to give voice commands.	No (reason/s)	Maybe (reason/s)	Severity Rating (1-5) M
Will the Farhan notice that the correct action is available? ("See how to do it" - Can users see the button or menu item that they should use for the next action? Is it apparent when needed?) Will the Farhan associate and	Yes, it automatically detects voices	Provide option to		M
interpret the response from the action correctly ("Understand correct action/not correction" - will users know from the feedback that they have made a correct or incorrect choice of action?)		stop the voice detection to avoid any irrelevant input		

Step 5: The app then processes the user's request.



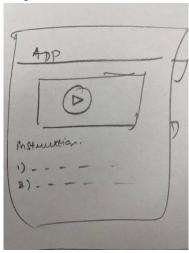
Question	Yes (reason/s)	No (reason/s)	Maybe	Severity
			(reason/s)	Rating
				(1-5)
Will the correct action be				
sufficiently evident to				
Farhan? ("Know what to do?"	Yes, it shows the			
-Will the Farhan know what to	processing request			
do to achieve the task?)	loading icon. He			
	knows that he has to			
	wait			
Will the Farhan notice that		No option is available,		1
the correct action is		but he would know		
available? ("See how to do it"		that he has to wait		
- Can users see the button or				
menu item that they should use				
for the next action? Is it				
apparent when needed?)				
Will the Farhan associate and	Yes, the loading icon			
interpret the response from	shows that his			
the action correctly	request was accepted			
("Understand correct action/not	and is in progress.			
correction" - will users know	So he has to wait			
from the feedback that they				
have made a correct or				
incorrect choice of action?)				

Step 6: The app shows various links related to the user's request (Sharing in this case).



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating (1-5)
Will the correct action be				
sufficiently evident to				
Farhan? ("Know what to	Yes, it shows the			
do?" -Will the Farhan	links that might help			
know what to do to	him.			
achieve the task?)				
Will the Farhan notice			It shows the link,	1
that the correct action is			but can also	
available? ("See how to			provide a short	
do it" - Can users see the			description on	
button or menu item that			what it helps to do	
they should use for the				
next action? Is it apparent				
when needed?)				
Will the Farhan associate	Yes, it shows the			
and interpret the	suggested links			
response from the action	based on the voice			
correctly ("Understand	input. He got the			
correct action/not	correct feedback.			
correction" - will users				
know from the feedback				
that they have made a				
correct or incorrect choice				
of action?)				

Step 7: The user selects the link that suits them the most.

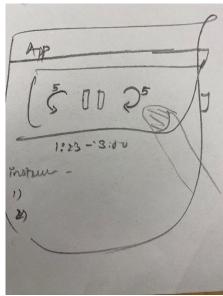


Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating (1-5)
Will the correct action be	Vas it shaws wides			
sufficiently evident to Farhan? ("Know what to do?" -Will the Farhan know what to do to achieve the task?)	Yes, it shows video, steps to follow, and it is evident.			
Will the Farhan notice				M
that the correct action is	Yes, it shows video,			
available? ("See how to	steps to follow, and			
do it" - Can users see the	it is evident.			
button or menu item that	It indicate sthe user			
they should use for the	what to do.			
next action? Is it apparent				
when needed?)				
Will the Farhan	Yes, he would			
associate and interpret	know that he has to			
the response from the	play the video for			
action correctly	tutorial, and go			
("Understand correct	through the steps			
action/not correction" -	for instructions.			
will users know from the				
feedback that they have				
made a correct or incorrect				
choice of action?)				

Step 8-10: The app then shows a video dialog with text instructions at the bottom.

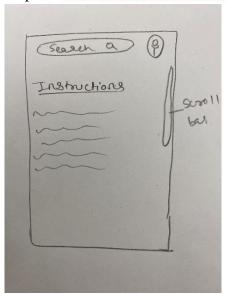
The user clicks on the play icon to play the tutorial.

The can forward or rewind the video to understand the functionality.



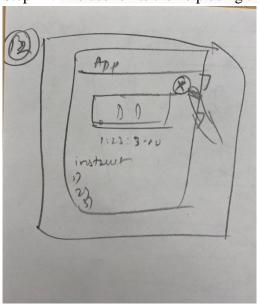
Question	Yes (reason/s)	No	Maybe	Severity
		(reason/s)	(reason/s)	Rating
				(1-5)
Will the correct action be				
sufficiently evident to Farhan?	Yes, it shows video, steps to follow,			
("Know what to do?" -Will the	and it is evident. With the video dialog			
Farhan know what to do to achieve	options.			
the task?)				
,				
Will the Farhan notice that the				
correct action is available? ("See	Yes, it shows video, steps to follow,			
how to do it" - Can users see the	and it is evident.			
button or menu item that they should	It indicates the user what to do to play			
use for the next action? Is it apparent	the video, pause, forward itetc.,			
when needed?)	-			
Will the Farhan associate and	Yes, he would know that he has to play			
interpret the response from the	the video for tutorial, and go through			
action correctly ("Understand	the steps for instructions. Yes, he			
correct action/not correction" - will	would know based on the feedback it			
users know from the feedback that	provides if he forwards the video.			
they have made a correct or incorrect				
choice of action?)				

Step 11: The user scrolls down to look at text instructions.



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating (1-5)
Will the correct action be sufficiently evident to Farhan? ("Know what to do?" -Will the Farhan know what to do to achieve the task?)	Yes, it has a scroll bar, which allows the user to scroll through the instructions. It is evident.			M
Will the Farhan notice that the correct action is available? ("See how to do it" - Can users see the button or menu item that they should use for the next action? Is it	Yes, the scroll option is available. It also has the option to search in the instructions for			М
apparent when needed?) Will the Farhan associate and interpret the response from the action correctly ("Understand correct action/not correction" - will users know from the feedback that they have made a correct or incorrect choice of action?)	any specific steps. Yes, based on the scroll he would know that he did the task correctly			M

Step 12: The user exits the help using the close



Question	Yes (reason/s)	No (reason/s)	Maybe (reason/s)	Severity Rating (1-5)
Will the correct action be sufficiently evident to Farhan? ("Know what to do?" -Will the Farhan know what to do to achieve the task?)	Yes, close button is evident, he would know what to do.			
Will the Farhan notice that the correct action is available? ("See how to do it" - Can users see the button or menu item that they should use for the next action? Is it apparent when needed?)	Yes, the close button is apparent to the user			
Will the Farhan associate and interpret the response from the action correctly ("Understand correct action/not correction" - will users know from the feedback that they have made a correct or incorrect choice of action?)			Yes, but it can provide a prompt saying "are you sure, you want to close?" to let the user know that he is closing the app	M

Appendix D - Work Breakdown

Milestone Work Breakdown

The template has several sections and appendices. It is assumed that all members will contribute to the main parts of the assignment (e.g., analysis, task lists, use-cases, prototype details) but other parts may be assigned to different team members.

As well, everyone should take turns for the Milestone/final report as proofreaders to ensure that the team hands in a complete, cohesive, and well organized (with consistent layout/fonts) document. This extra step which doesn't take a lot of time, can have a substantial impact on your grade.

At the end of the project, your teammates will evaluate your overall performance and participation in the group project.

group projecti	
Activity	Team member/s who helped or were responsible
Purpose	Sushank Saini
Objectives	
Background	
Data Gathering	Jinay Shah
Data Analysis and Results	
Sketching	Aharnish Maheshbhai Solanki
Data Modeling	
Task List	
Scenarios	
Use Cases	
Prototype	
Cognitive Walkthrough Description	Dheeraj Bhat
Appendix	Aharnish Maheshbhai Solanki (Persona)
Task, scenarios, use-cases and prototype	Yogish Honnadevipura Gopalakrishna (Tasks, use
Cognitive Walkthrough sheets	cases and prototype)
	Dheeraj Bhat (Cognitive Walkthrough sheets)
Proofreader/s	Dheeraj Bhat and Sushank Saini