Human Computer Interaction - Coursework 1

16th October 2019

Design Reasoning with explanation of design principles begins on page 3.

Task 1 - Creating a New Album

Figma

https://www.figma.com/file/LEdLf8JMOlTxRfBKwmNOzc/Creating-an-Album

Design Fiction

While on holiday, Bob took several nice photos using his camera phone. He really enjoyed his holiday and wants to put some of the photos where he can see them every day. Thankfully Bob recently bought a digital photo frame which allows him to display pictures. So he decides to create an album from his holiday and set it to play on his photo frame. To start he... launches the photo frame app, which has already been installed on his phone. This then displays the Albums screen, displaying existing Albums and the option of creating a new Album. Bob decides to first test how pictures would look on his photo frame. Instead of creating an album for his holiday photos, he creates an album to display his favourite memes from his Meme Collection (he isn't known as the Meme Lord for nothing!). He names the album "Memes" and imports all of the memes from his gallery. He had to give his consent that he was comfortable with the photo frame app accessing his phone gallery. Upon confirming he is happy with the photos he has selected, his album was created! He then chooses 'SEND TO DEVICE', selecting all of the photos in "Memes" and hitting the send button to correspondingly select his photo frame (already been paired with his phone) to immediately display the images.

Task 2 - Remotely Sending a Photo

Figma

https://www.figma.com/file/HVNJyDUqT8TYxCx4IL9Kly/Sending-photo

Design Fiction

Alice recently started as a University student in Edinburgh. She wanted a way to stay connected with her family back home. So before leaving she bought them a digital photo frame that allows her to remotely add pictures to their photo frame. She recently walked up Arthur's Seat in Edinburgh and took a nice picture. She would like to put it on her family's photo frame. So she opens her phone's photo frame app and... that takes her to the Album screen. She chooses the 'Pretty Flowers' Album, and it displays all of the photos she took whilst up Arthur's Seat in the album. She selects 'SEND TO DEVICE' and it takes her to the Connected Devices screen. She selects her Family's photo frame and then she can choose which pictures she would like to send to them. After making her selection, she taps the send button to share those photos.

Task 3 - Photo Navigation

Figma

https://www.figma.com/file/Zi6nZSfGHP6XN2dHWUwnlh/Photo-Navigation

Design Fiction

Karen was just given a photo frame for a game of Secret Santa they played in the office. She is very excited because she will be able to show the hundreds of memes that she has stored on her phone to all of her friends, especially Helen who refuses to wear glasses and she definitely cannot see anything on a phone screen, even if she says she can. Since she has so many pictures, she wants to be able to move backwards/forwards through the photos, change the speed of the slideshow and select a specific photo to show on the photo frame, all from her phone. To do this, she clicks on the 'Playback' button in the taskbar on the bottom of the screen, and the Playback screen comes up. From there she can pause and resume the slideshow by clicking on the button in the middle with a play/pause icon. She can also navigate back and forth between photos. She can adjust the speed and volume of the playback using the sliders. Clicking on the button with the music icon, a music player window opens and you change the song.

Task 4 - Editing Photos

Figma

Design Fiction

Eve recently got separated from her wife Megan, and she is ready to move on. However, she still has many pictures of both of them together from several trips they did throughout the years. She doesn't want to delete the pictures as she wants to keep the memories from those trips, but she doesn't want to see Megan's face anymore (ugly breakup). She would like to be able edit some pictures to crop Megan out, and add some filters or effects. To do this she selects an album, and then she taps on the picture she wants to edit. She clicks on the 'EDIT' button and new options will now be available to her: crop, change hue and saturation, etc. Once she is done editing, she can choose between 'SAVE', which will replace the original picture with the edited version, or 'SAVE COPY', which will save the edited picture as a new picture in the same album.