

## Task 2 flow:

1. Start page (3 columns) :
  - a. Column 1: short and simple instructions
  - b. Column 2: privacy policy or t&c
  - c. Column 3: privacy policy or t&cShow Start button after they've accepted the policies and t&c
2. Camera page: Show a live webcam feed and a button that says capture. Can have some instructions/text on the page as well. Take a photo button.  
After users click a photo. Show the photo and two buttons: retake and proceed. (API contract: POST -> IMAGE inp -> stylized out) (FN: stylize\_image)

Alternatively API: POST -> IMAGE inp -> stylized shilouette out + all shilouettes inpainted in diff backgrounds) (test 12 backgrounds, 3 shilouettes 1inp + 2 stylized)

3. Selection page: Contains three major UI components
  - a. The center/majority of the screen is divided into 4 quadrants. Each quadrant can correspond to only 1 of the 4 colors. Each quadrant contains the output of the inpainting on an Achmed background.
  - b. On the bottom is a carousel/click and choose preview. Each carousel item corresponds to 4 quadrant backgrounds. We can limit to 8,12,16 backgrounds.
  - c. On the left is a carousel/click and choose preview of 3-4 silhouettes. By default, the first and stylized silhouette is selected. And below it are 2-3 stylized silhouettes.

Users can/should be able to select any number and any combination of silhouette/background on this page. There should be a count showing x out of y selected and a button next to it that says, send selection to email.

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Instead of always rendering all the silhouettes on all the backgrounds.

Users can choose a silhouette, click on backgrounds, and apply them. This renders the preview on the screen. (Can still change between silhouettes) (Can export)

4. Final confirmation page: Divides the page into 3-4 parts depending on the silhouettes. Users can select the silhouettes as well. Below the silhouettes are the thumbnails inpainted results for that silhouette on all the backgrounds. Shows which are selected. Can select/deselect on this page as well. Can enlarge as well.
5. At the bottom is a text field which says enter email and a button next to it that says, send selected images to email. (decide whether to handle this on the frontend or backend)
6. After a successful api call -> show a popup and then go back to the start screen.

Privacy policy/t&c (can be a footer of every page after the start that opens an overlay/popup that can be closed)

Add other AI center related branding later.

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3 APIs:

1. Input image -> silhouette + stylized images (and ids) (figure out how we segment for task 1)
2. Selected silhouette id + background id -> randomly inserted silhouette (and ids)
3. Selected ids -> (maybe an api call to send the email?)