

National University of Computer and Emerging Sciences



Image Editor

Team: Code Crafters

Module: Basic Editing + Landing Screen + Integration

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Rights & Responsibilities

Rights	Status
Utilize the current edited image and alter its foreground when respective icon is clicked.	Agreed after discussion with peer group (Foreground Color Changer)
Utilize the current edited image and modify its background when respective icon is clicked.	Agreed after discussion with peer group (Background Color Changer)
Utilize the current edited image and apply advanced editing to it when respective icon is clicked.	Agreed after discussion with peer group (Advanced Editing)
Utilize the current edited image and apply filters to it when respective icon is clicked.	Agreed after discussion with peer group (Filters Management)
Utilize the current edited image and perform basic or polygon cropping on it when respective icon is clicked.	Agreed after discussion with peer group (Cropping and Selection)
Responsibilities	
<ol style="list-style-type: none"> Design Landing Screen: Create an engaging landing screen for the image editing app, featuring key tools, import/export options, settings, and support sections. Use cohesive graphics and colors for an intuitive user experience. Image Import: Allow users to import images from various sources including device gallery, camera, and cloud storage. Provide options for single or multiple image selection. Image Export: Enable users to export edited images to device, share via social media/email, or save to cloud storage. Include format and quality options for saving, and direct sharing functionalities. Brightness Adjustment: Develop a tool for precise brightness adjustments with slider or numerical input. Shadow Enhancement: Implement features to enhance or reduce shadows in images for desired effects. Contrast Control: Provide a tool for users to adjust image contrast with real-time visual feedback. Hue and Saturation Adjustment: Enable users to modify hue and saturation levels for color enhancement with intuitive sliders. Sharpness Adjustment: Enable users to modify adjust image sharpness. Real-time Preview: Offer live previews of editing changes before applying them permanently for user convenience. Integration of All Modules: Integrate other modules with the landing screen such that when you click on respective icon, the control moves towards that module and control returns after editing is done in that module 	

Interface Specifications

Color Theme: Black and Yellow

Supported File Format(s): png, jpg, jpeg

Header Section:

- At the top of the screen, there are two options: Save and Cancel.
- Both options are displayed in yellow text on a black background.
- When hovered over, the text color changes to white, and the background changes to dark grey to indicate interactivity.

Image Display Section:

- Two-thirds of the screen is reserved for displaying the image being edited.
- The image is displayed on a dark background to enhance contrast.

Editing Options Section:

- Located at the bottom of the screen.
- Consists of icons representing various editing tools and options.

Icon and Name Color Specification:

- When an option is selected, both the icon and name of that option change to yellow.
- Otherwise, they remain light grey.
- Selected icons and names should maintain their yellow color until deselected.

Interaction:

- Clicking on an icon activates the corresponding editing tool.
- Clicking on a selected icon deselects it.
- Hovering over an option highlights it by changing the text color to white and the background to dark grey.
- Clicking on the Save option saves the edited image.
- Clicking on the Cancel option discards any changes and exits the editing interface.

Interaction with Other Modules

Continuing Editing with Applied Effects:

Any modifications, enhancements, or alterations the user has previously made to the image, such as adding filters or effects, will remain intact as they proceed with further editing.

Select Required Tool:

To begin, locate the specific editing tool needed in the toolbar of your editing software. This could be a crop/selection, foreground color changer, background color changer, or any other tool necessary for the edits the user wishes to make.

Control Return:

After making adjustments using the selected tool, the user will have the option to either keep or discard those changes. In either case, control will be moved back to the landing/main screen.

Save the Edited Image:

After returning to the landing/main screen, the main preview will then be updated to reflect the edited version of the image after the respective editing. This ensures that the user's progress is preserved and readily accessible for further adjustments or sharing.