PHOTO EDITING - Development

CSE 611 – MS Project Development

Professor – Jinjun Xiong





TEAM MEMBERS

Pavana Lakshmi Venugopal

Saad Ahmed

Taraka Rohit Adusumilli

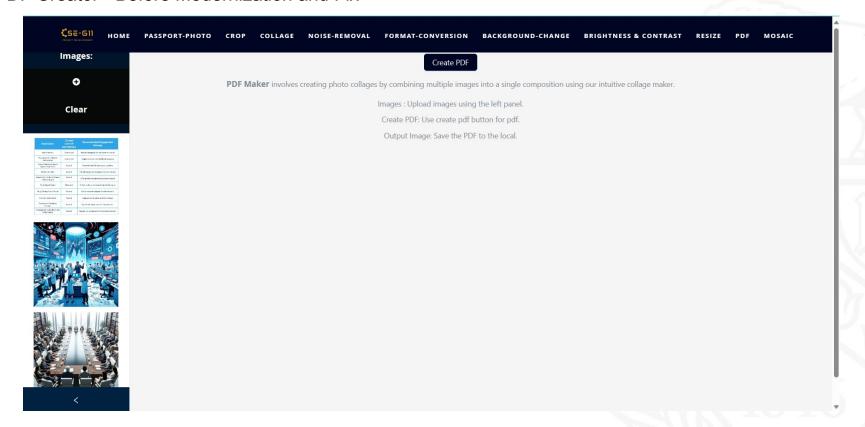
Ayesha Humaera



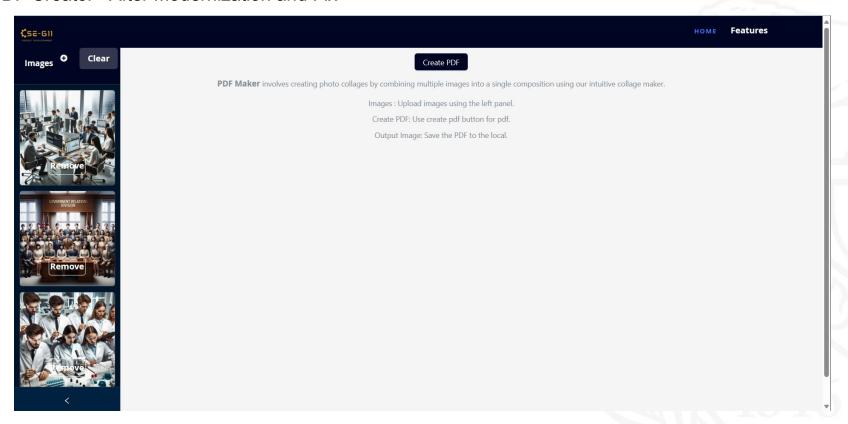
Updated Home Page



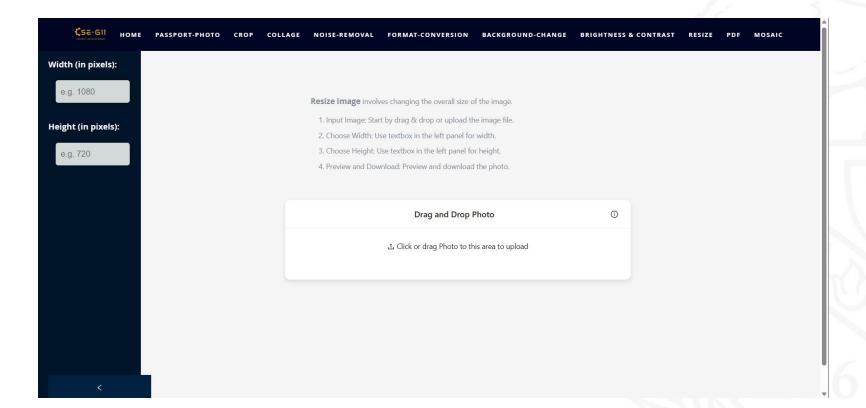
PDF Creator - Before Modernization and Fix



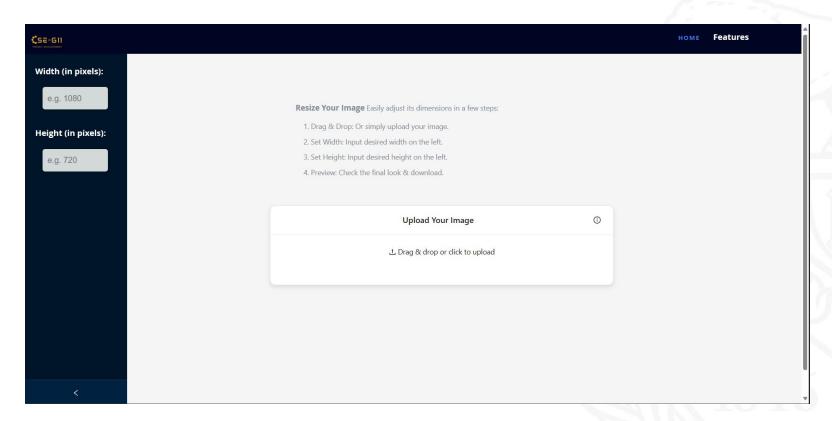
PDF Creator - After Modernization and Fix



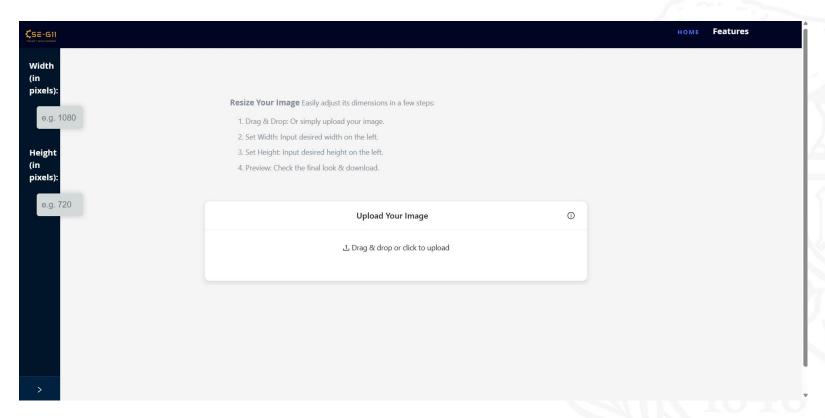
Resize Image - Before Modernization and Fix



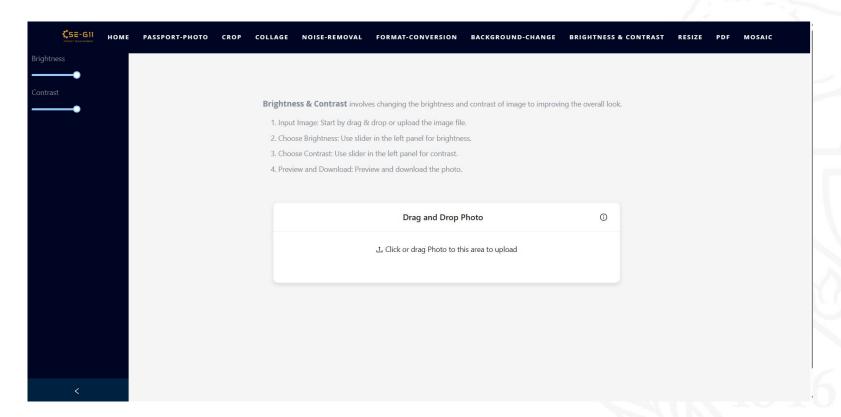
Resize Image - After Modernization and Fix



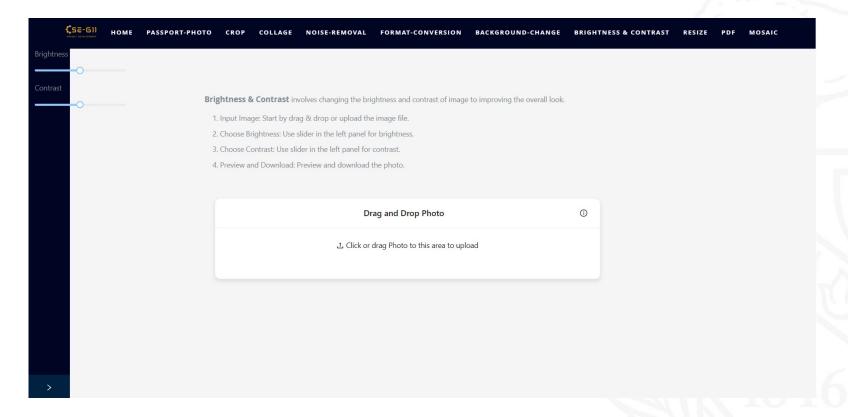
Resize Image - After Modernization and Fix



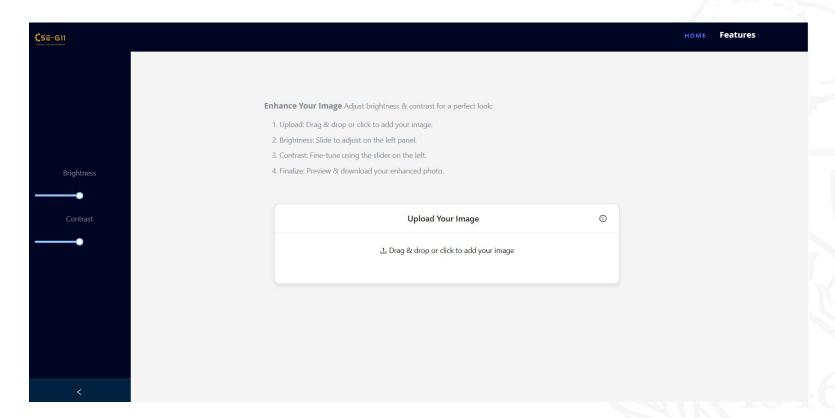
Brightness and Contrast - Before Modernization and Fix



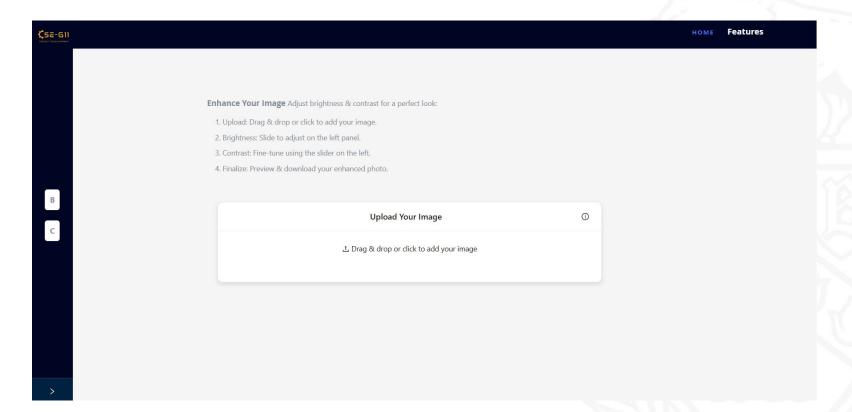
Brightness and Contrast - Before Modernization and Fix



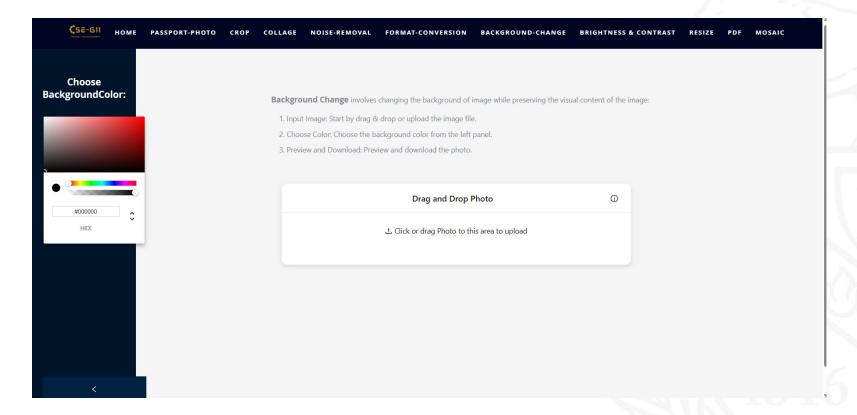
Brightness and Contrast - After Modernization and Fix



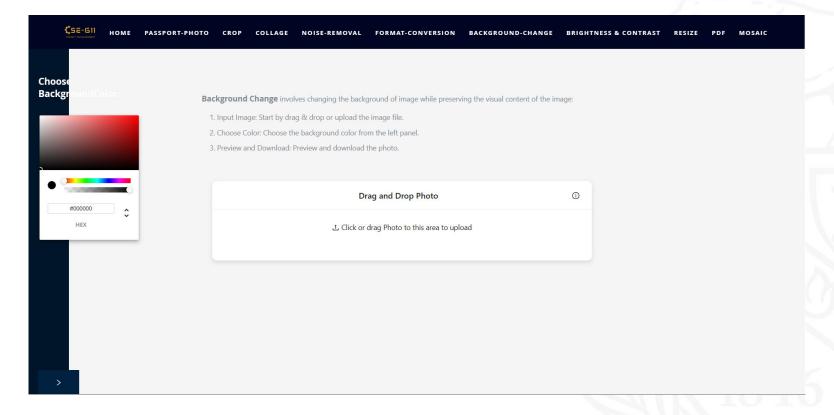
Brightness and Contrast - After Modernization and Fix



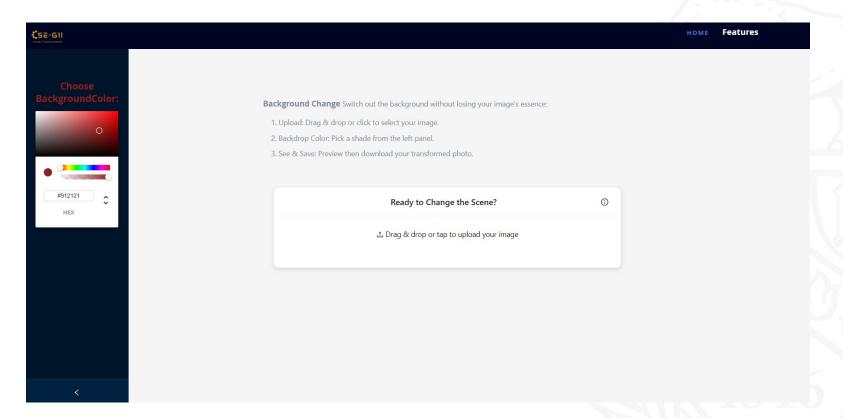
Background Change/Removal - Before Modernization and Fix



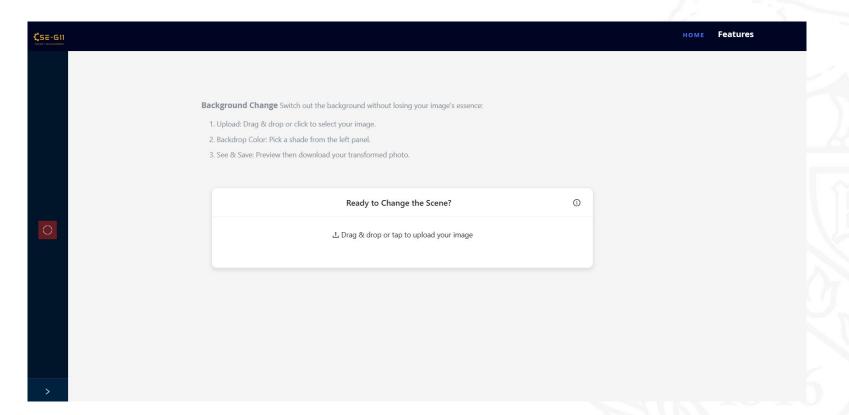
Background Change/Removal - Before Modernization and Fix



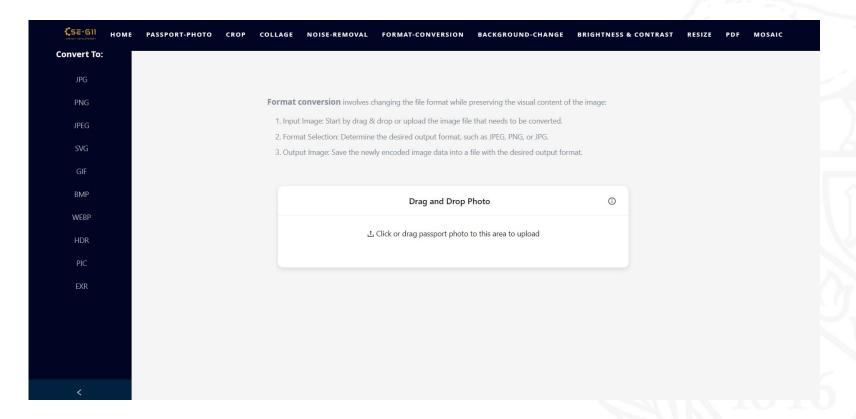
Background Change/Removal - After Modernization and Fix



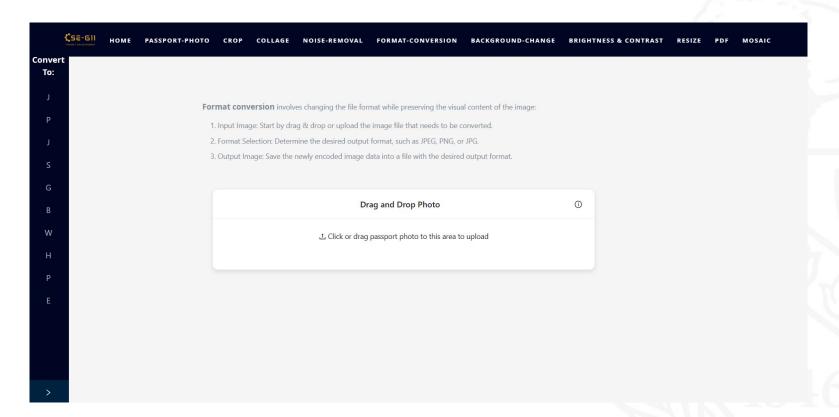
Background Change/Removal - After Modernization and Fix



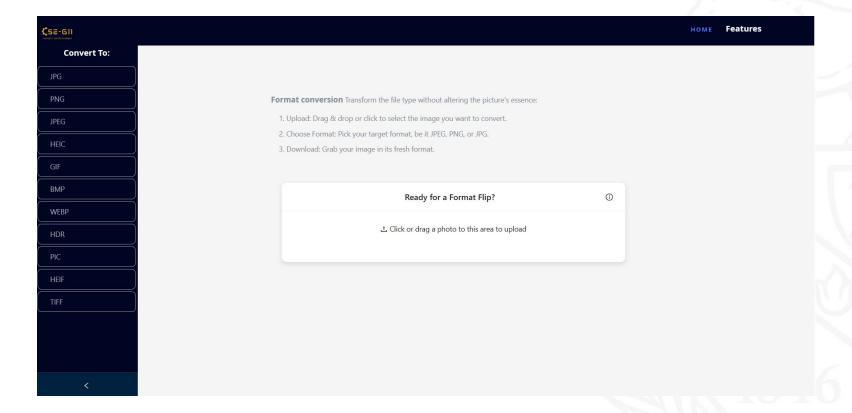
Format Conversion - Before Modernization and Fix



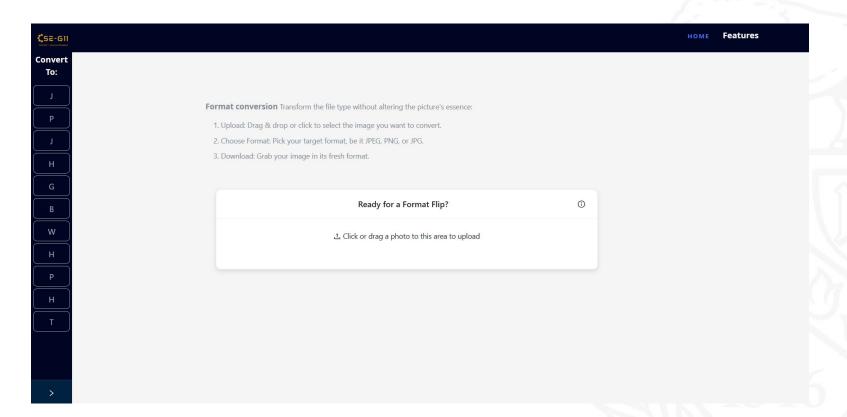
Format Conversion - Before Modernization and Fix



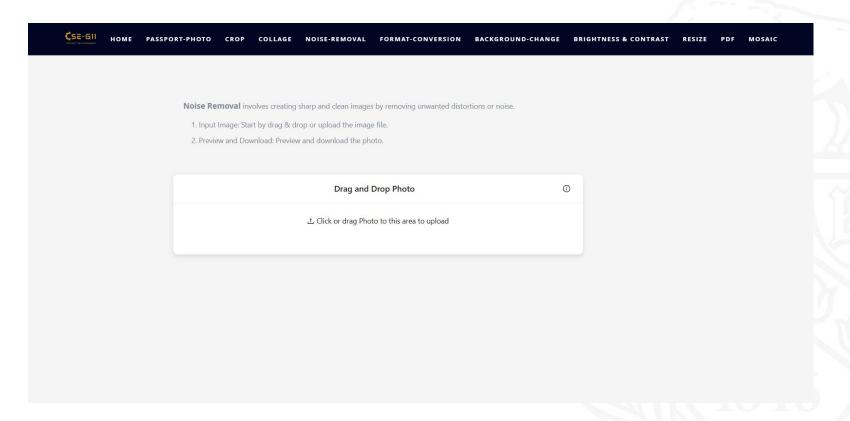
Format Conversion - After Modernization and Fix



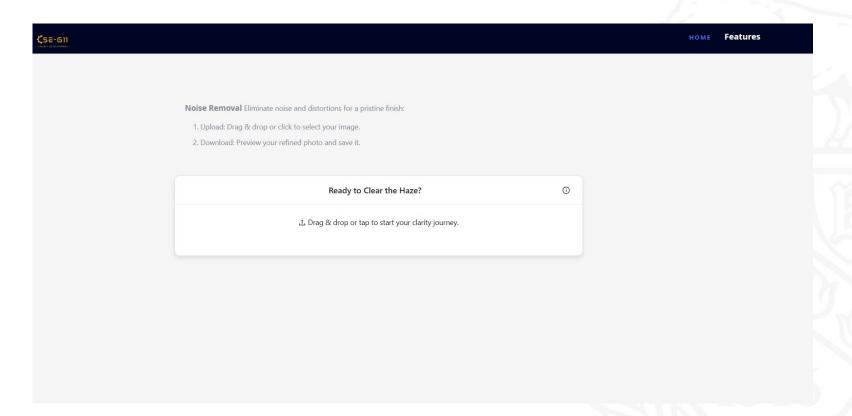
Format Conversion - After Modernization and Fix



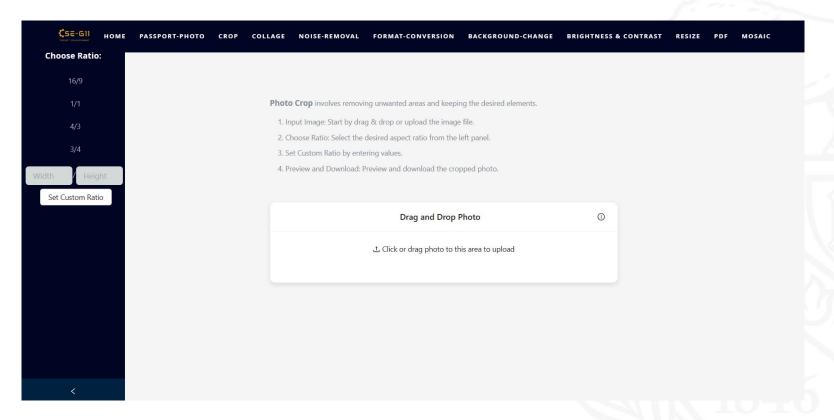
Noise Removal - Before Modernization and Fix



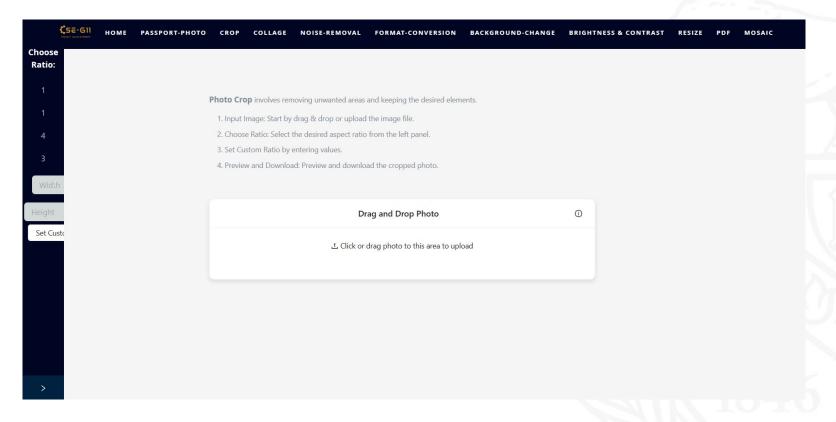
Noise Removal - Before Modernization and Fix



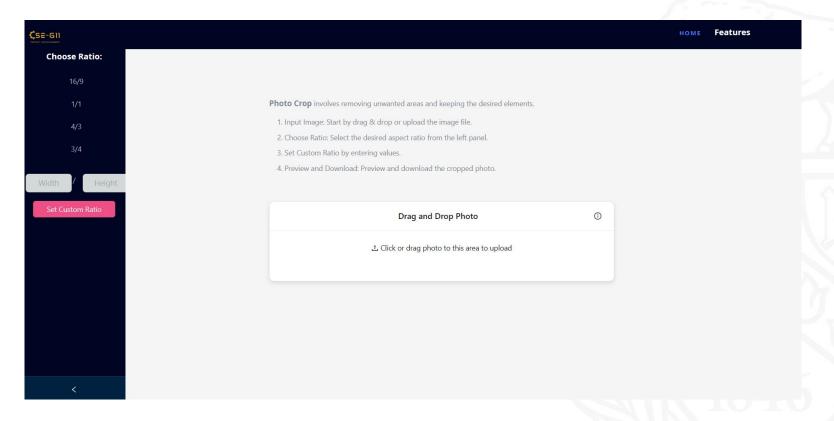
Crop - Before Modernization and Fix



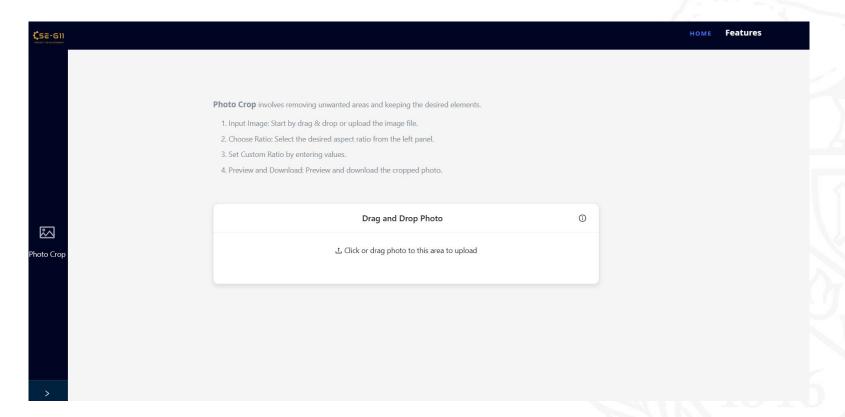
Crop - Before Modernization and Fix



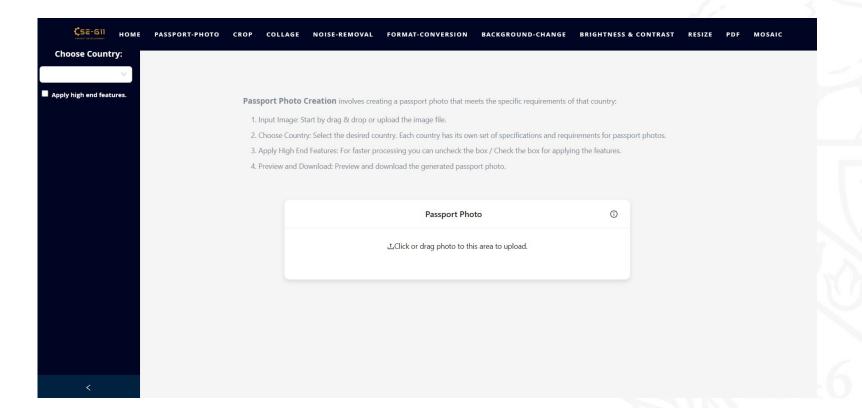
Crop - After Modernization and Fix



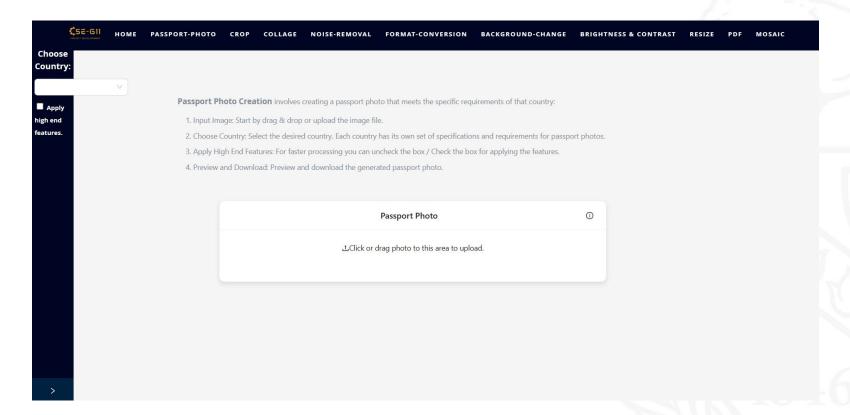
Crop - After Modernization and Fix



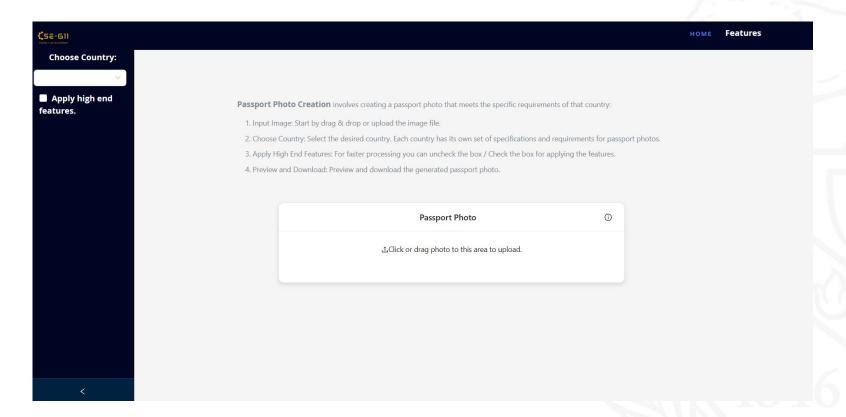
Passport Photo - Before Modernization and Fix



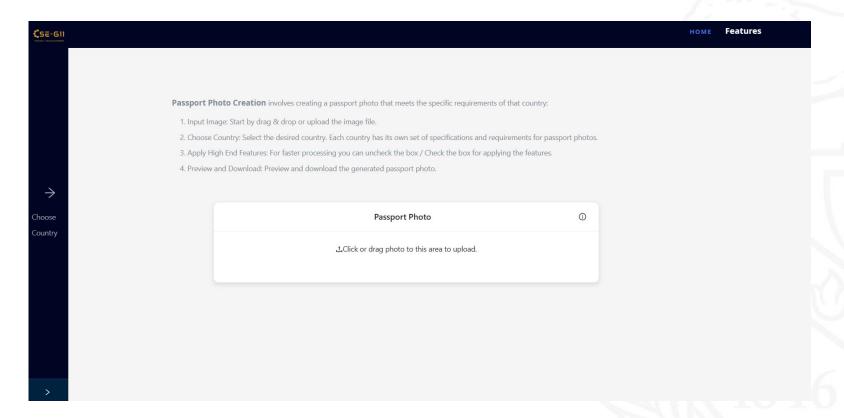
Passport Photo - Before Modernization and Fix



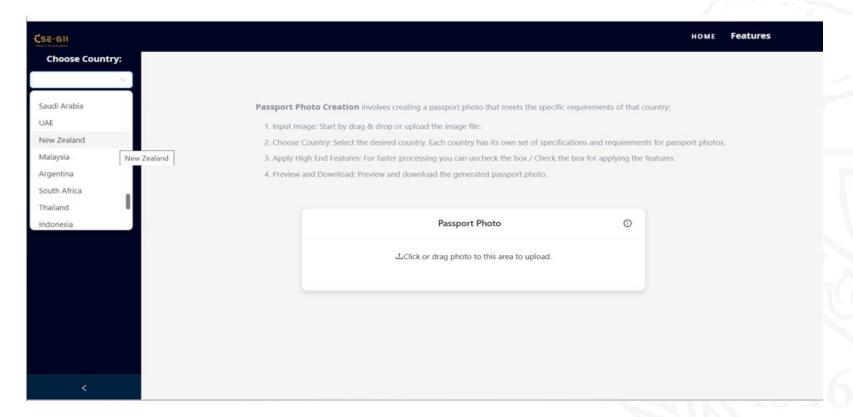
Passport Photo - After Modernization and Fix



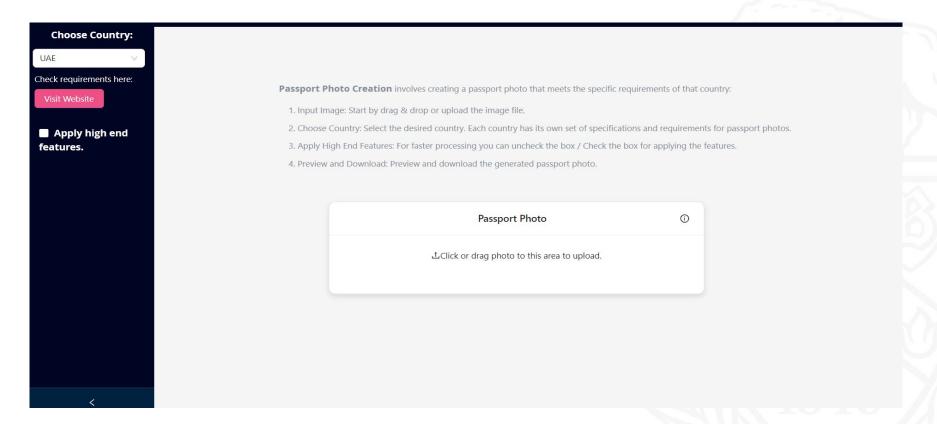
Passport Photo - After Modernization and Fix



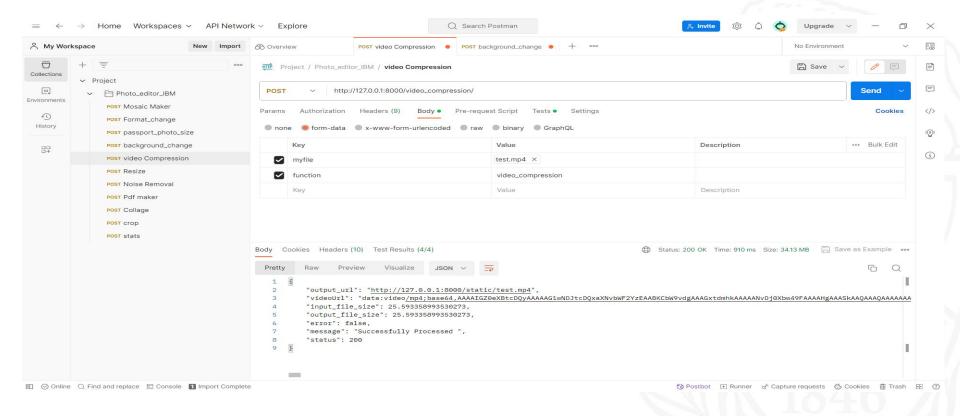
Passport Photo - Supports More Countries



Passport Photo - Added Country Specific Requirements



Video Compression End point



University at Buffalo The State University of New York

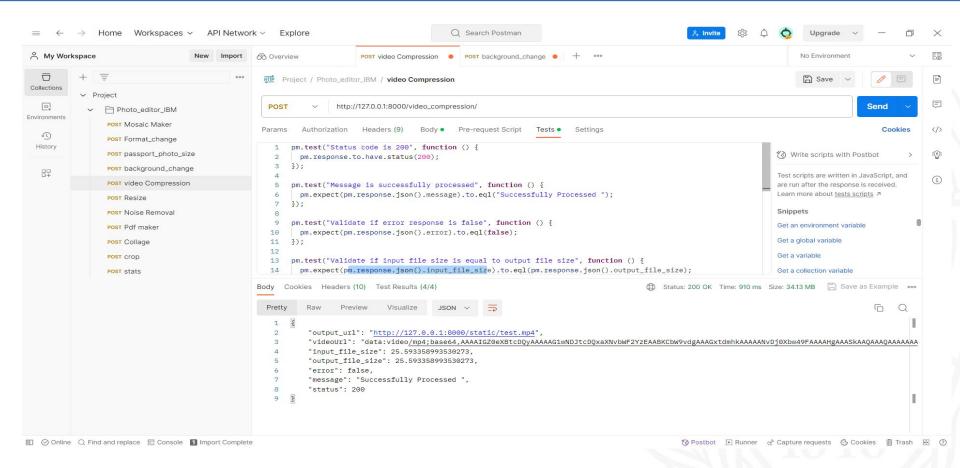
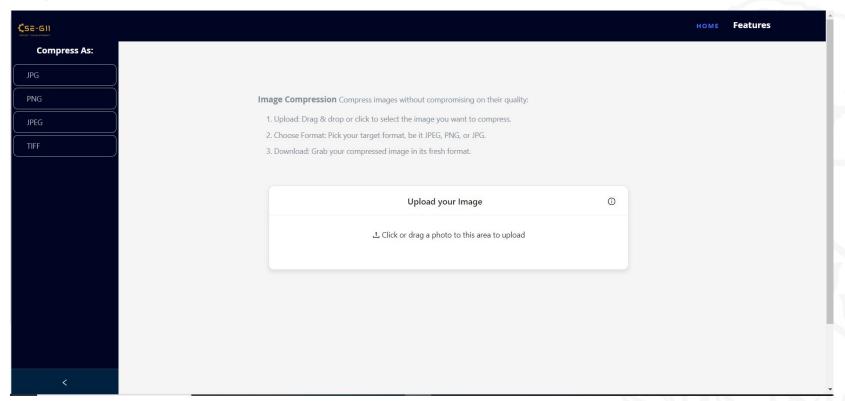


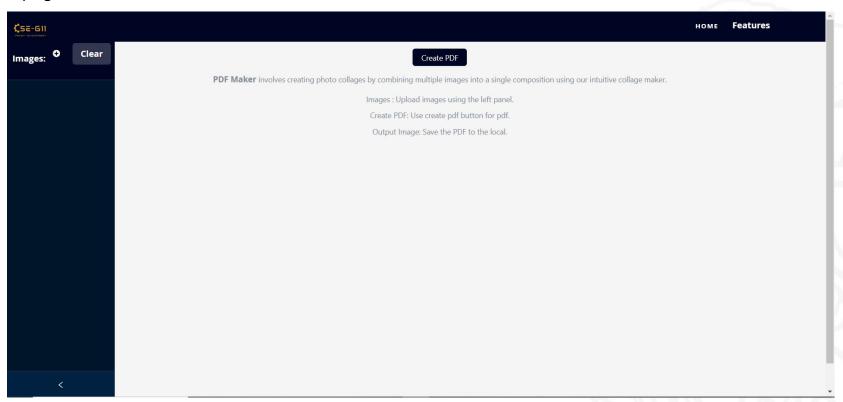
Image Compression - Before Frontend Build



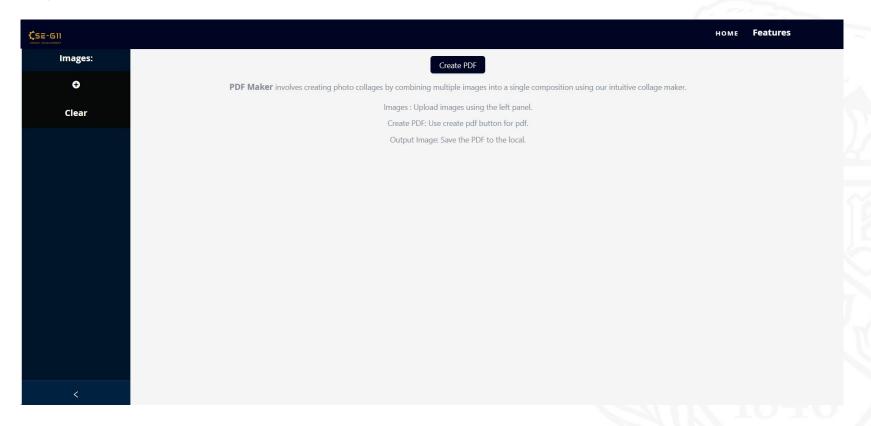
Image Compression - After Frontend Build



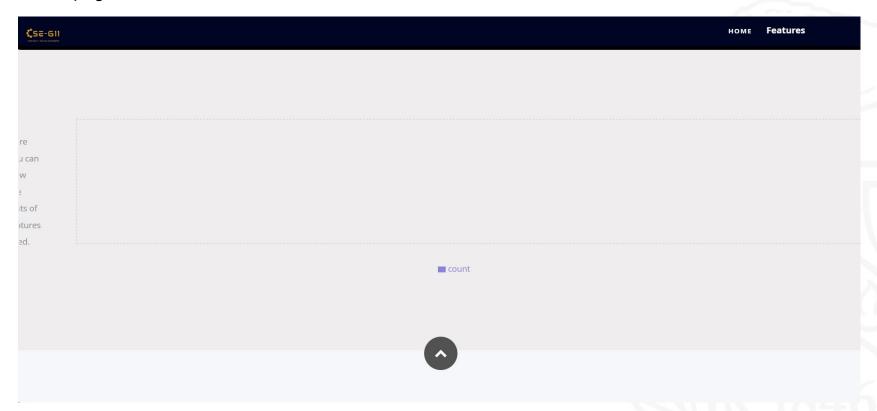
PDF page - Before fix



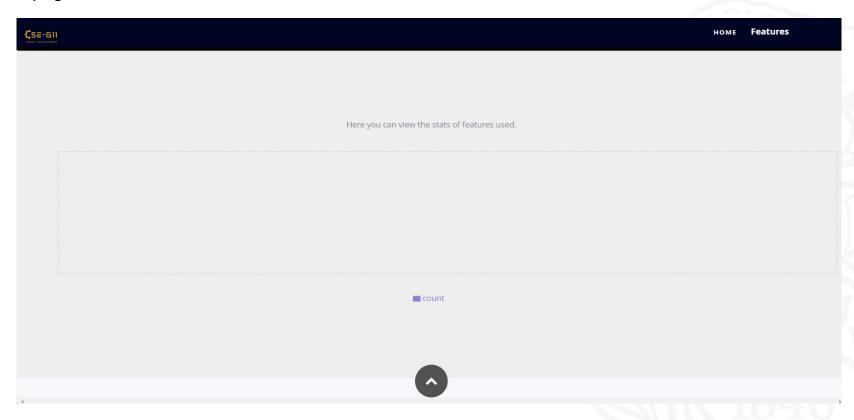
PDF page - After fix



Home page - Before fix



Home page - After fix



Other fixes and implementations:

- Delete button confirmation pop-up implemented on all pages.
- Also implemented above pop-up for template deletion on mosaic page.
- Bug fixes on Collage page.
- The individual clear button of each image was clearing all images instead of a single image when more than two images were being added.
- A few more frontend layout enhancements.

K8s Deployment

```
apiVersion: apps/v1
kind: Deployment
metadata:
 name: phototeditor-frontend-depl
spec:
 selector:
   matchlabels:
      app: photoeditor-frontend-app
 replicas: 1
 template:
   metadata:
      lahels:
        app: photoeditor-frontend-app
   spec:
     containers:
      - name: frontend
        image: saad12ah/photoeditor-frontend
```

```
apiVersion: v1
kind: Service
metadata:
  name: phototeditor-frontend-servc
spec:
  type: NodePort
  selector:
    app: photoeditor-frontend-app
  ports:
  name: my-app
    port: 3000
    targetPort: 3000
```



