

# Share-Pix

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## Description

- Platform for creating pixel art and sharing it with your friends
- Create pixel art using in app tool
  - Able to save drafts
  - Post artwork to feed
- Post interaction with friends

## Technology

- **Login:** because drawings are (supposed to be) private to each user, we will need to implement some form of authentication and login. We are still undecided on how to implement login: we'll start with the Django authentication package for now
- **Pixel Art Creation:** a canvas to create pixel art. This canvas should have 1) painting brush, 2) eraser & erase all, 3) fill color, 4) color palette
- **Social Feed:** when the art is completed, the user can post it on the social feed. Other users will be able to see it, like, and make comments.
- **Export:** able to export artwork as png or send it to somewhere else separately
- **Save Draft Feature:** keep track of progress of artwork and save it with the account associated/currently logged in as.
- **(Stretch Goal) Pixelate imported images:** user can insert image and have the web app automatically pixelate the image, would be able to post and share it normally as an artwork as well (cites the original image link)

## Rough Page Outline

- Login Page
  - User Feed (Global Feed)
  - My Account
    - View Past Posts
    - View Profile
    - Load Draft
  - New Sketch
    - Post Confirmation Page