Figma Clone Challenge (Hard)

Introduction

Hey **Challenger** 🤝 ...

Apparently you have a great appetite for our challenges. or maybe you are a **10x engineer** 😎💻?.

Let us introduce our selfs, we are **WTM Algiers LLC** a digital firm based in Algiers, Bay Area.

Founded in 2001 we are one of the world's leading innovators and manufacturers of creative video editing technology.

Problem Statement

If you have been following up with the tech news lately you might have heard that **Adobe** has acquired the design tool that we all love **Figma**.

And as you know with each acquisition, there is a chance for a new tool to emerge and gain a share of the market.

We have been thinking of creating a new fully open source design tool, that could be the future alternative to **Figma**.

But we need your help with building an early prototype as a proof of concept, with only the basic functionality. This will help us better sell our idea to our investors & collaborators.
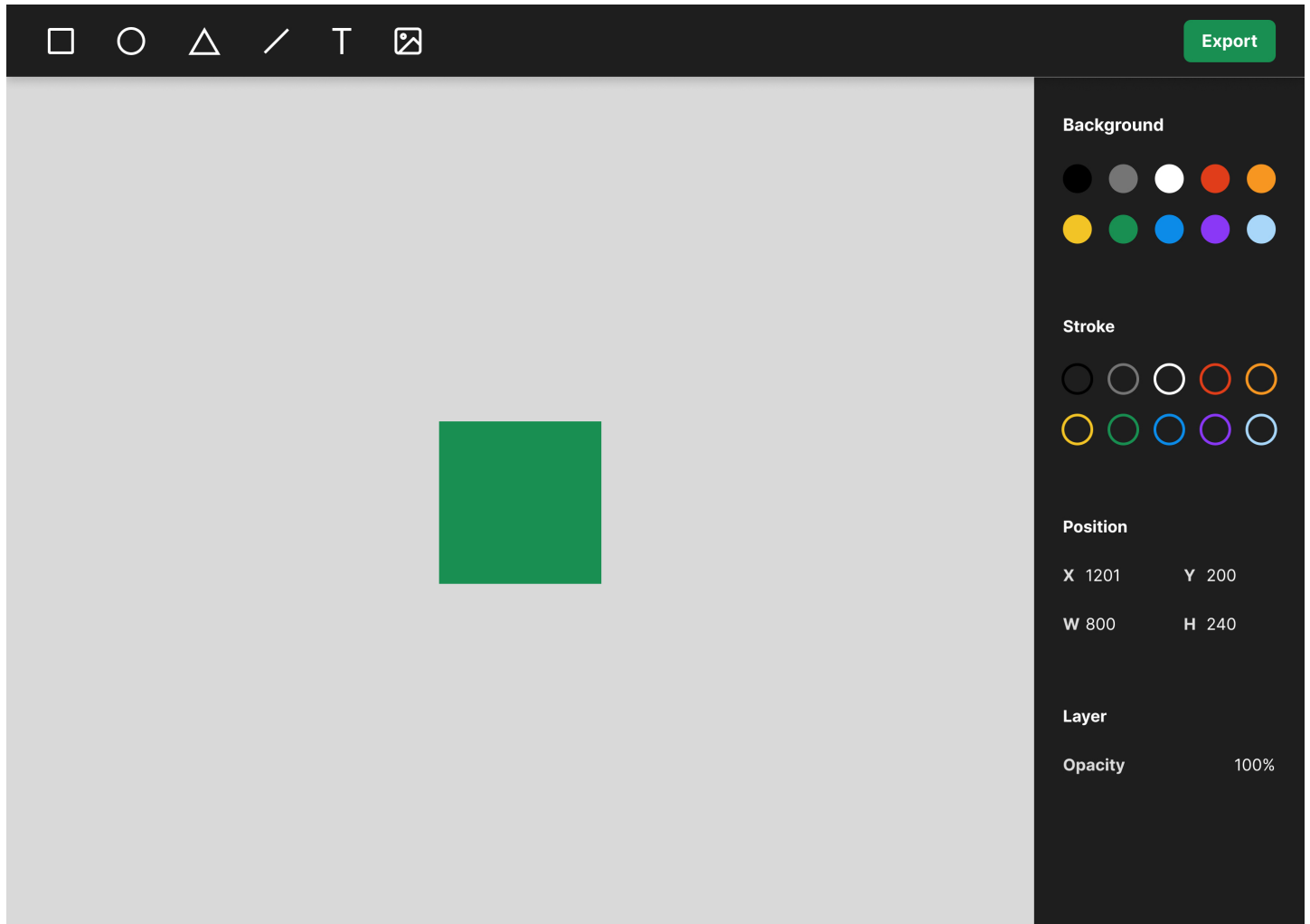
Features

We want for our prototype to be an MVP, and to include the following features:

- Supports drawing basic shapes (rectangles, ellipses, lines)
- Supports writing text.
- Supports changing elements colors.

Bonus Features

- Supports dragging and moving objects in the draw area.
- Supports basic embeds (images).
- Supports custom text properties (size, font, color).

Wireframe

Requirements

1. Solution must work in a browser.
2. Solution must use the provided starter code.
3. Solution must use the **FabricJS** library.

Expectations

- This challenge should take around **3** to **4** hours to complete.
- We value a **clean**, **simple** working solution.
- We expect a working prototype in major browsers.

Evaluation

This challenge has maximum points of **15** for implementing all the required features. plus a set of bonus points that will be granted if you implement bonus features, for each bonus feature you will earn **3pts**.

Setup

To get you started with this challenge, we have provided you with a starter code. so you need first to copy to your local environment the `starter` folder you see next to this challenge. and install all the dependencies:

```
cd starter-folder
npm install
npm run dev
```

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