

Pixels

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What is Pixels?

Pixels is an all in one pixel art website. You can create art collaboratively in real time, or you can go solo and create art just for yourself. Our website utilizes an interactive color picker, palette, canvas, and a place to store your art. If want to join a canvas just enter in the canvas name and you'll be able to place pixels in real time with your friends. Click the save button and it will appear in the "My Art" section. Our website will offer the best and most intuitive experience for our users to create whatever their hearts desire.



VCS: Github

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Project Tracker: Projects in Github

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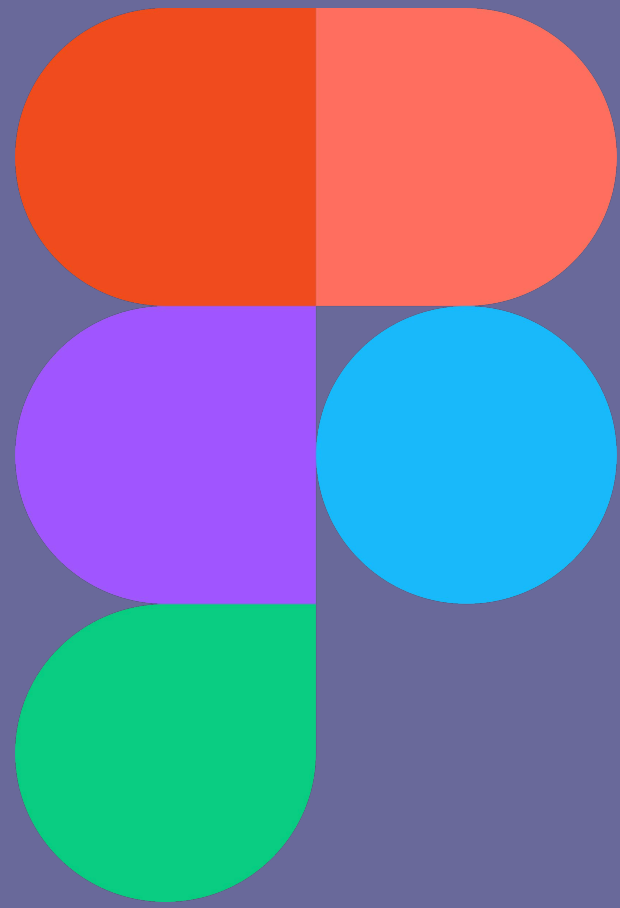
IDE: VSC

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Containerization: Docker

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Figma

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CSS



CSS

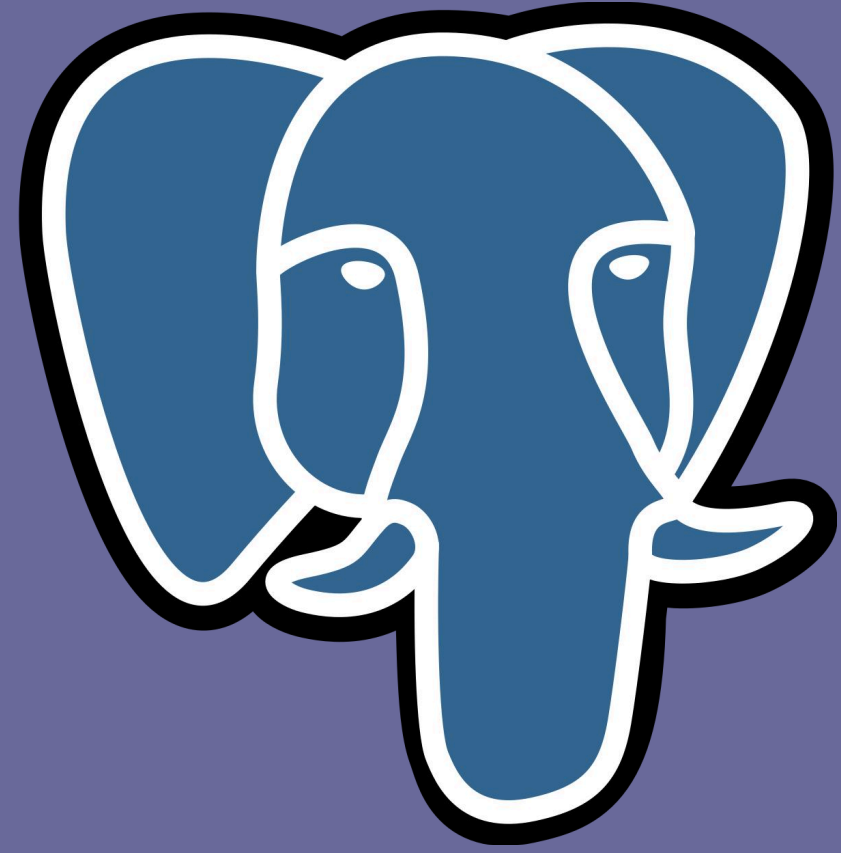
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handlebars



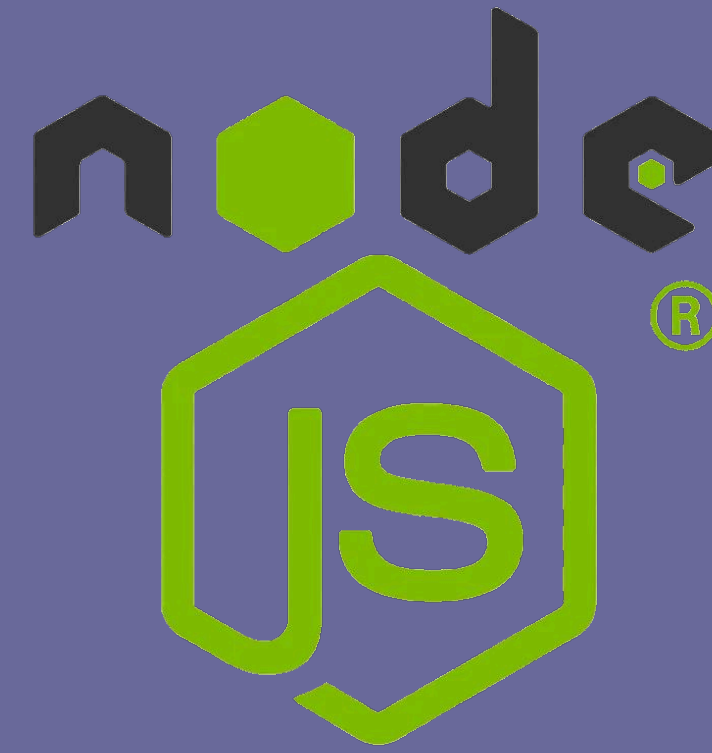
Handlebars

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Database: PostgreSQL,

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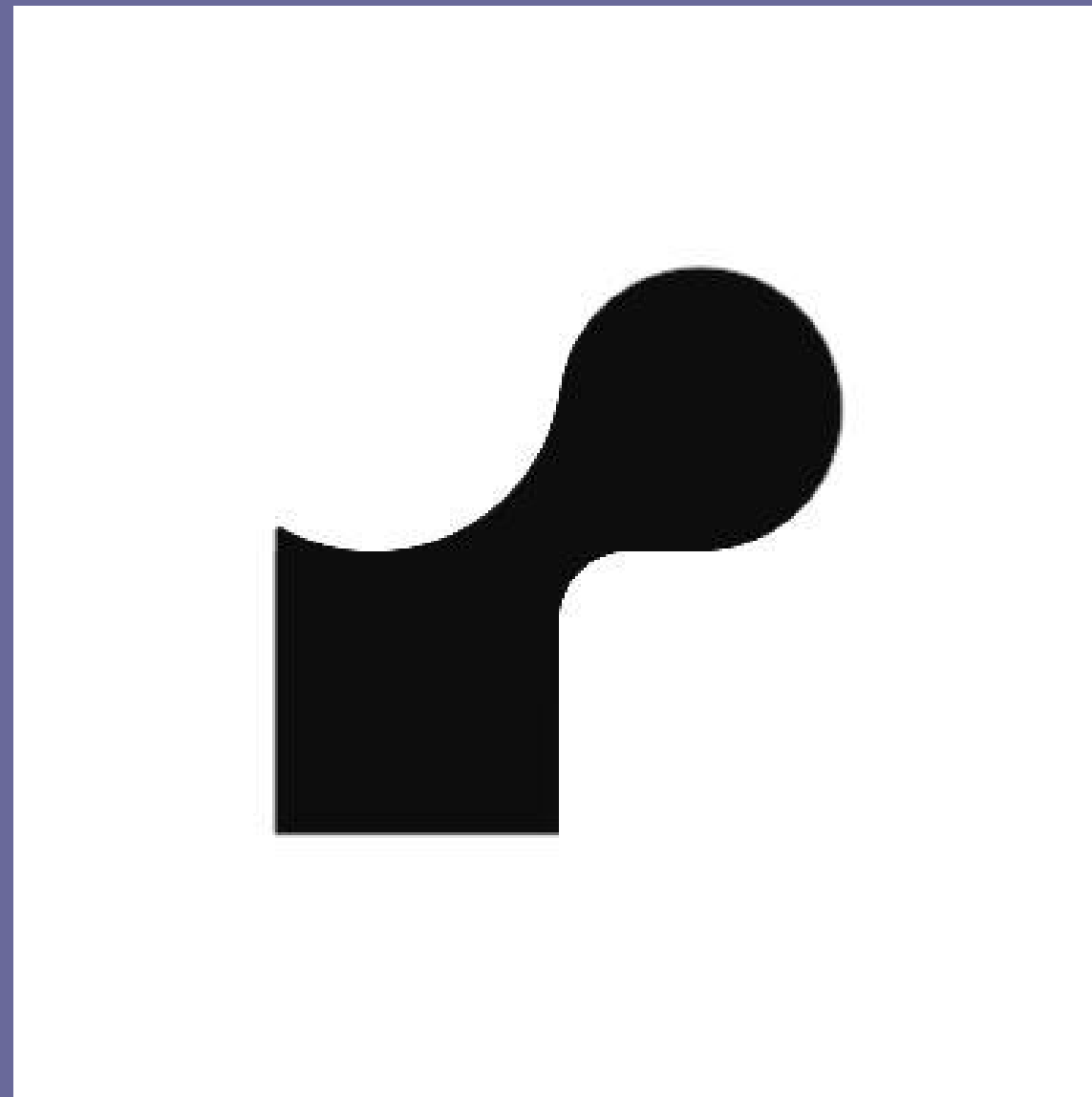
Application Server: NodeJS

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Framework: Express in Node

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Deployment environment: Render

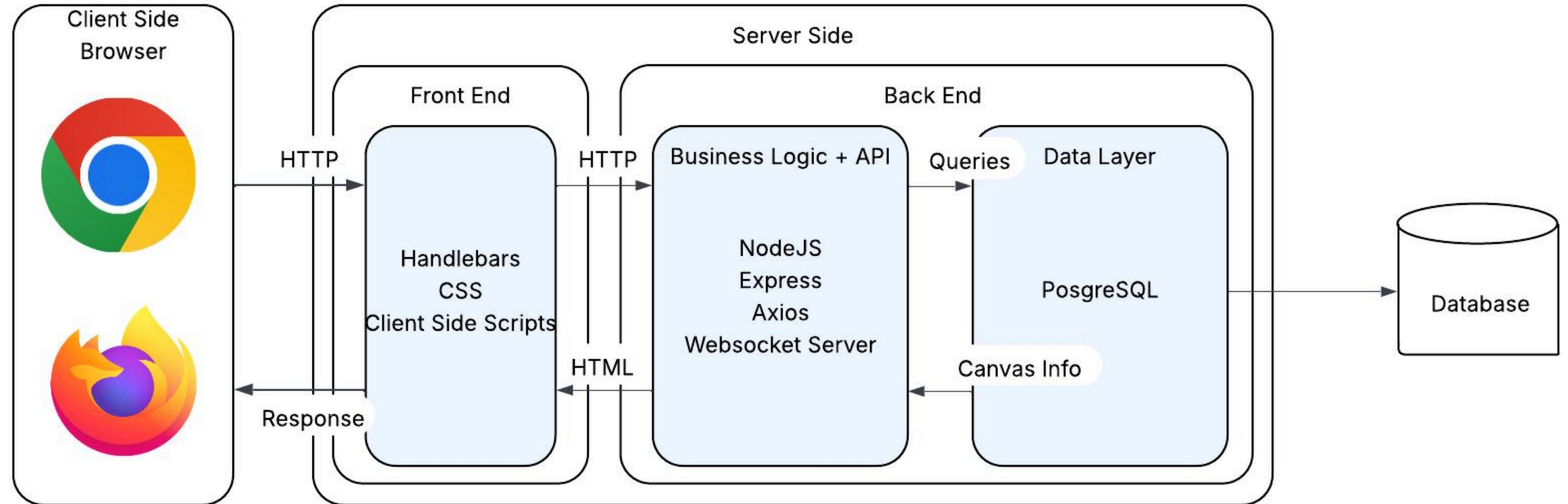
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Testing tools: Mocha, Chai

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Architecture Diagram



Project Management

- Agile (github projects)
- Slack
- Extra team meetings
- Deadlines

Issues

- Communication
- Integration
- Time management
- Learning curve
- Front End
- Back End

Enhancements

- Global Gallery
- Password protected canvases
- Profile Customization
- Who placed which pixel
- List of people on each canvas
- More Art Tools

Live Demo

<https://tinyurl.com/2p9mxh98>

