

Design Studio: 4.032 / 4.033 Information and Visualization

PROGRAMMING PART

Goal of the class

Beyond acquiring technological skills, learn fundamentals concepts of information design and data visualization and develop the strategies to communicate different types of information and data.

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Synthesize your design skills in a data visualization project

At the end of the course, you should be able to plan, conceptualize, develop and refine a data visualization project of any type.

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The goal of information design and, therefore, data visualization is to explain information. Sometimes it can try to persuade. But it will never try to obscure.

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And if it's doing it. Then, it's another thing...

Project 1 — Visualizing time

Sketch and develop 3 displays of time

Project 1 — Visualizing time

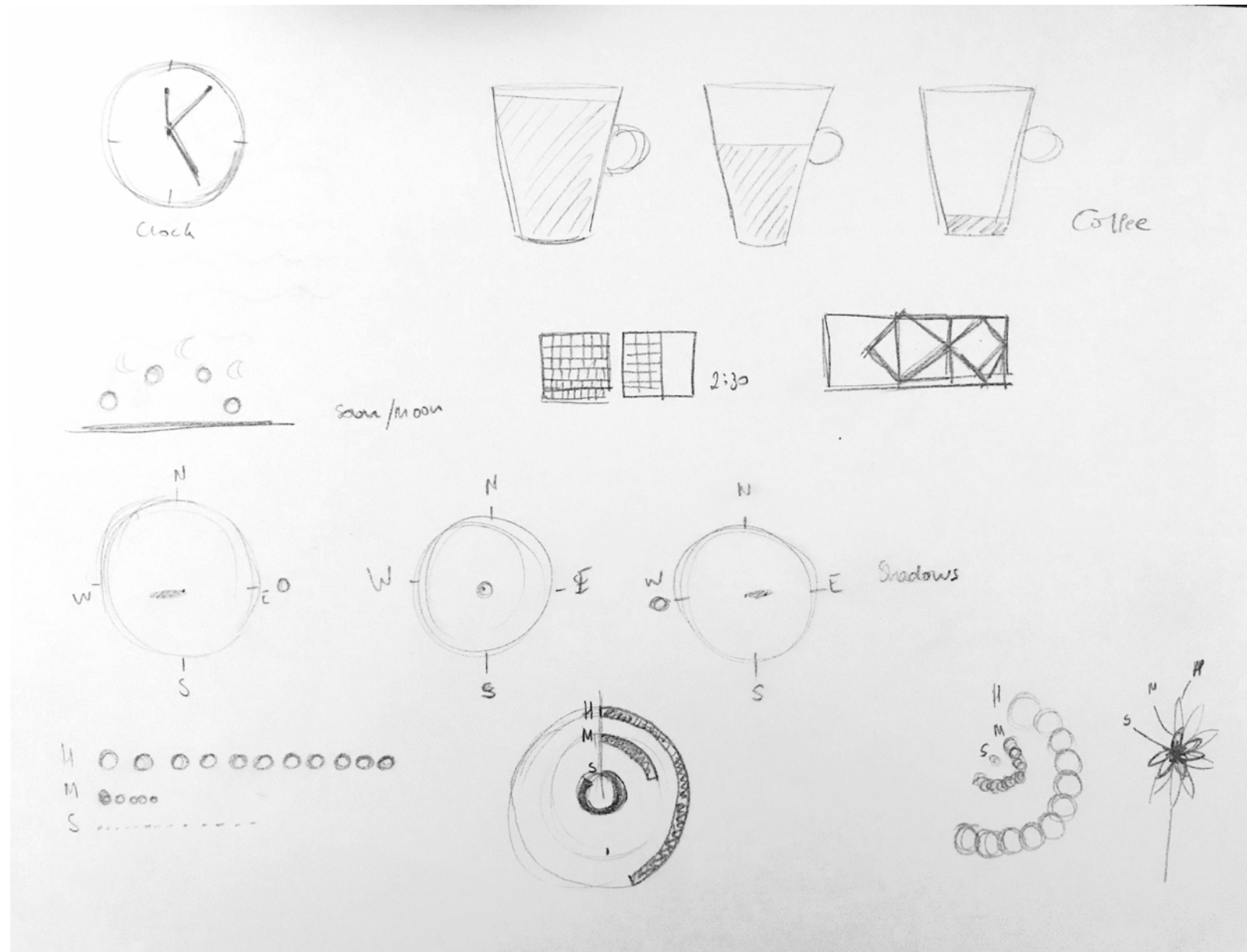
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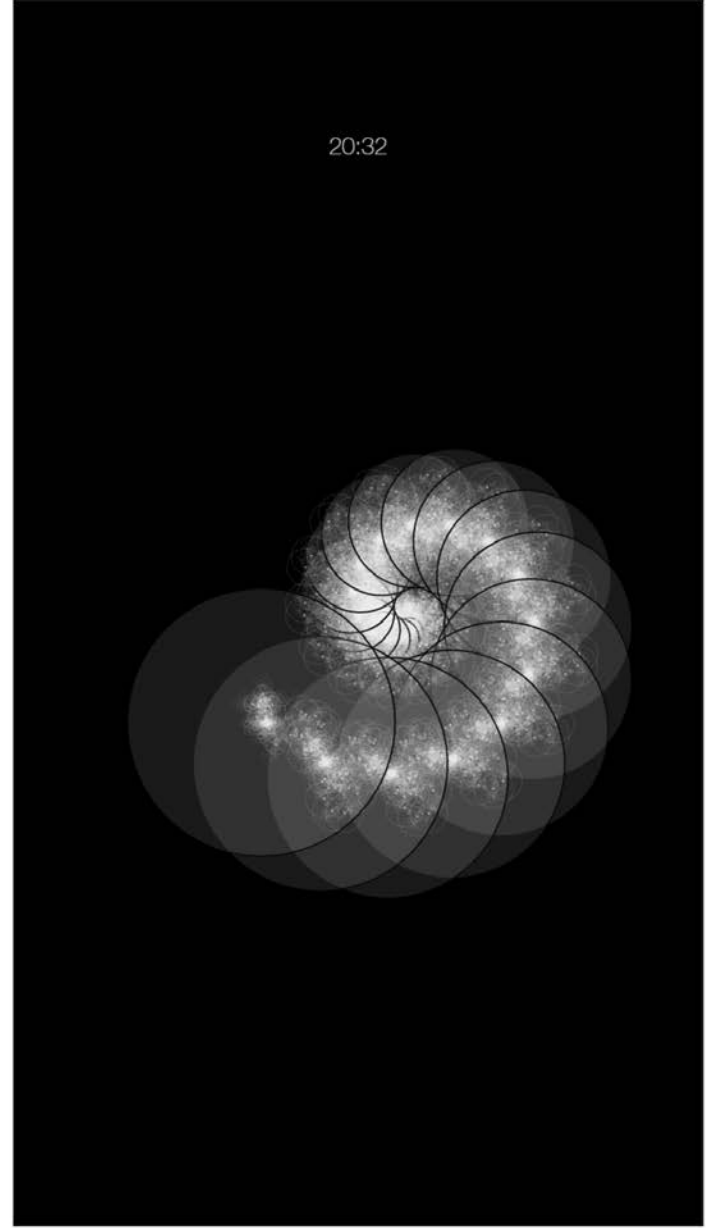
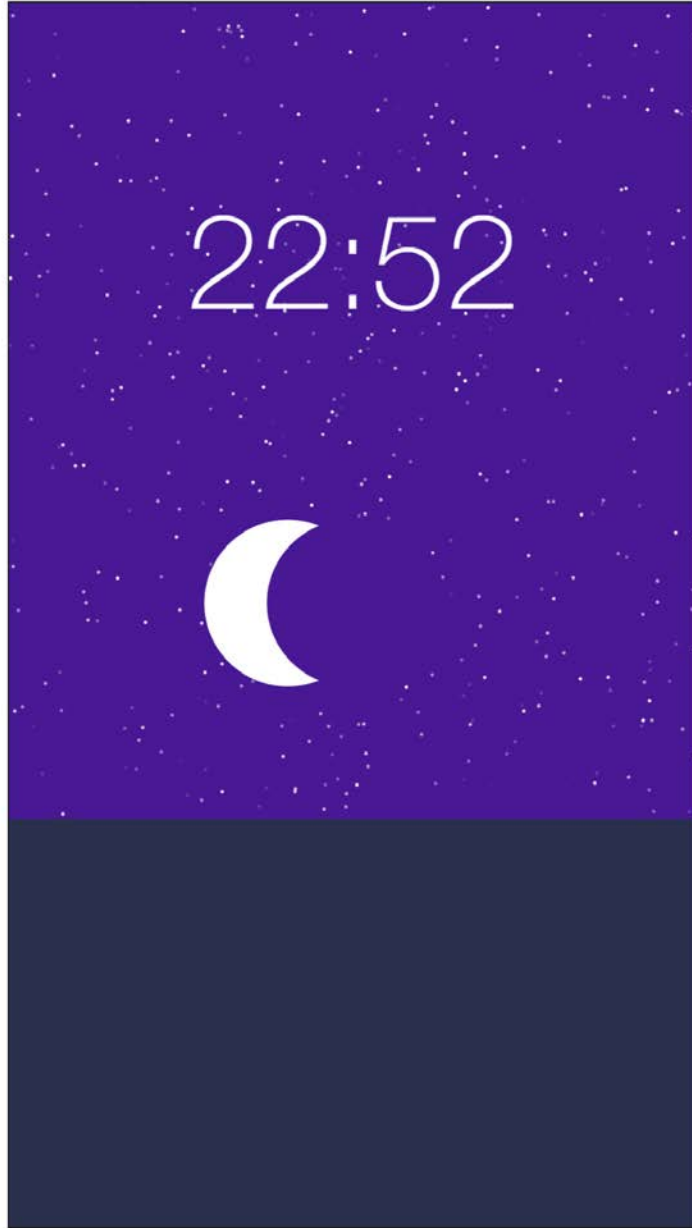
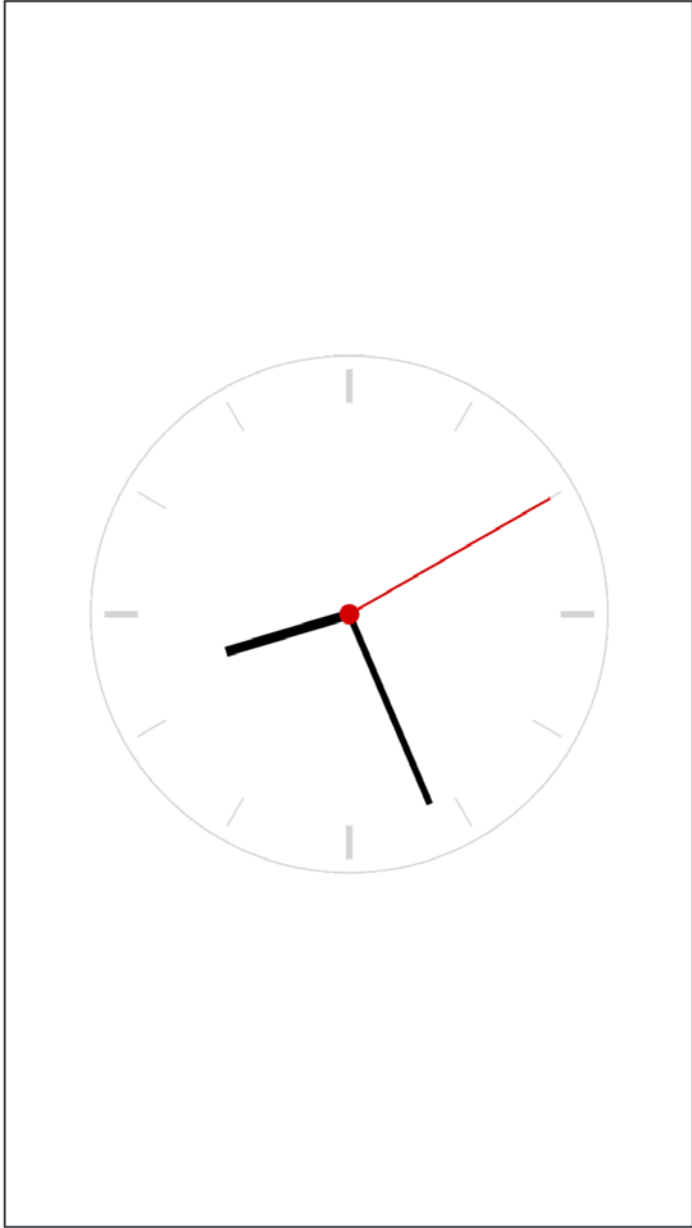
PROCESS

Work individually.

Create twenty sketches on paper, then select 3 to pursue.

Draw them with JavaScript.





Project 1 — Visualizing time

REQUIREMENTS

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- Sign up for an account on [GitHub.mit.edu](https://github.mit.edu)
- Use the GitHub repository [MIT-Information-Design-and-Visualization](https://github.com/mit-csapp/design-visualization). Clone the files on your own computer and work with the files.

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- Sign up for an account on [GitHub.mit.edu](https://github.mit.edu)
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- Complete exercise by uploading it on GitHub by Feb 14

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REQUIREMENTS

- Use HTML, CSS and JavaScript. You can choose how to draw the sketches: using canvas, d3.js, P5.js, etc.

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REQUIREMENTS

- Use HTML, CSS and JavaScript. You can choose how to draw the sketches: using canvas, d3.js, P5.js, etc.
- The visualization should be optimized for viewing on a mobile device: approximately 414 x 736 pixels.

Setting up GitHub

Irene de la Torre – Arenas

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Office Hours: Mondays, 5:00 – 7:00 at CDC