



FIBERSIGHT

Frontend & UI Challenge

Frontend & UI Challenge

Welcome to our challenge! We're thrilled to have you participate and showcase your skills in designing and developing new ideas. This challenge is designed to test your creativity, programming know-how and attention to detail.

Simple overview:

You're tasked with building a Dashboard from scratch! You'll receive an unfinished mockup picture, a dataset of our fiber data, and a high-level description. Your challenge? Transform these elements into a polished Figma design and bring it to life through web development.

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Tasks:

1. Study the mockup and the description that follows this presentation. Feel free to ask any questions to our team.
2. Design mockups with Figma.
3. Web development in a framework of your choice.

You are required to explain your creative process and present the final result as if you were delivering a presentation to your team.

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Submission Guidelines:

- Submit your design mockups via a Figma project link or in PDF format.
- Submit your code via GitHub/Gitlab repository link or in a zip folder.
- Include a readme file with installation instructions.

*Preferable submissions via links.

Unfinished Mockup



 Map

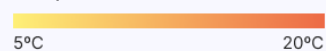
 Analytics

 History

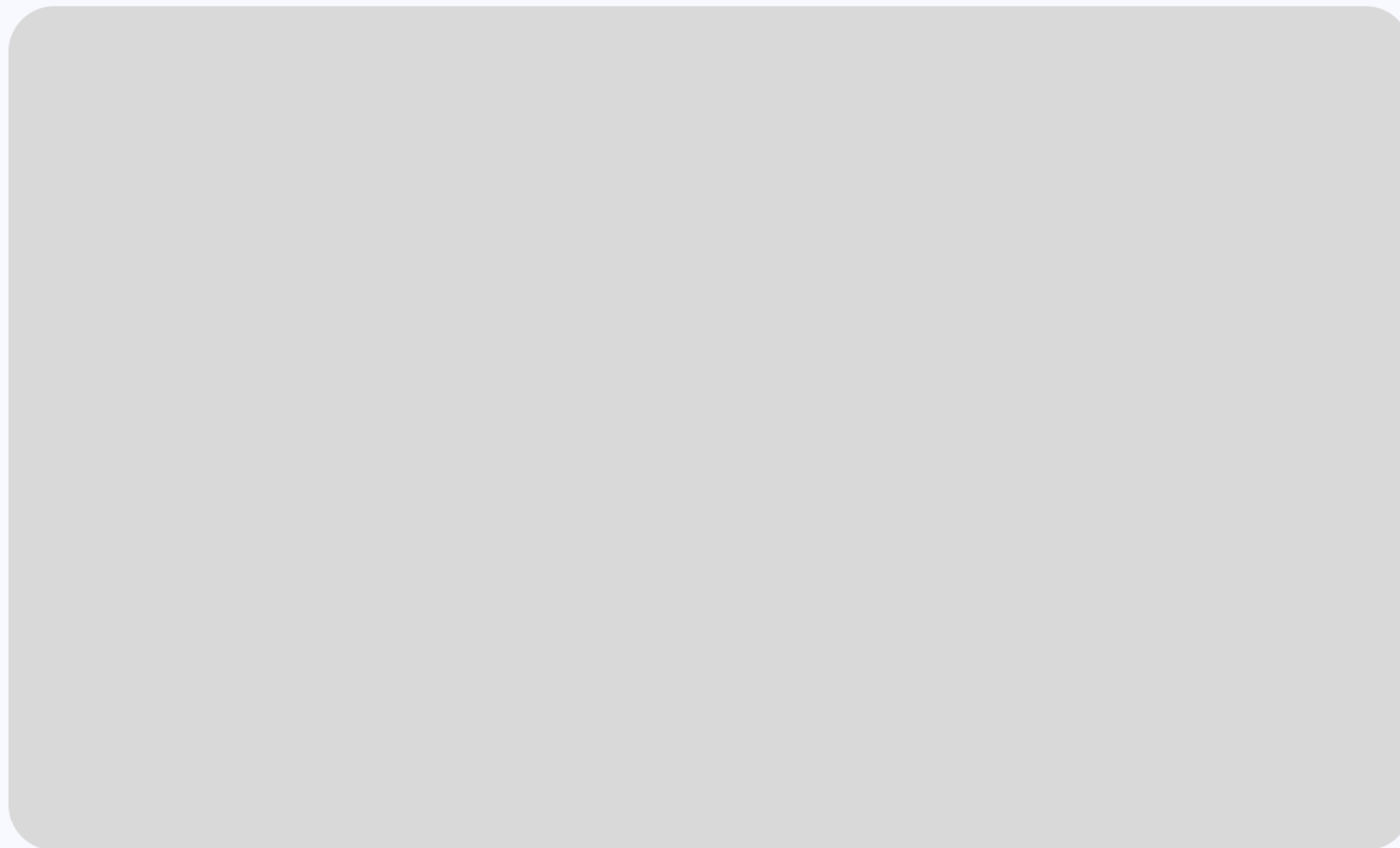
 Settings



Temperature



Moisture



High-level description

The provided mockup is an unfinished design, and it's up to you to bring it to life.

Core ideas:

1. Map integration
 - a) In the gray zone, embed an interacting map displaying a fiber optics cable.
 - b) The cable should visually display a temperature scale, indicating different temperature levels along the fiber.
2. UI/UX
 1. Ensure the dashboard maintains a clean and user-friendly design.
 2. Keep the navigation bar with the written sections.

High-level description

You're free to modify anything! Whether it's the layout, color scheme, icons, or even the data visualization approach—make it your own and create the best possible dashboard experience.

Bonus Challenge:

1. Using the provided dataset, generate a graph that visualizes the fiber data (temperature variations over time and along different sections of the cable – each line is a fiber section).
2. The graph should be placed in an intuitive location, enhancing the dashboard's usability.



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Good Luck!