Synapse

Manage data. Work together. Advance research.

Synapse is a platform that provides collaborative online tools so research teams can come together to manage, oversee, and share data in one online space.
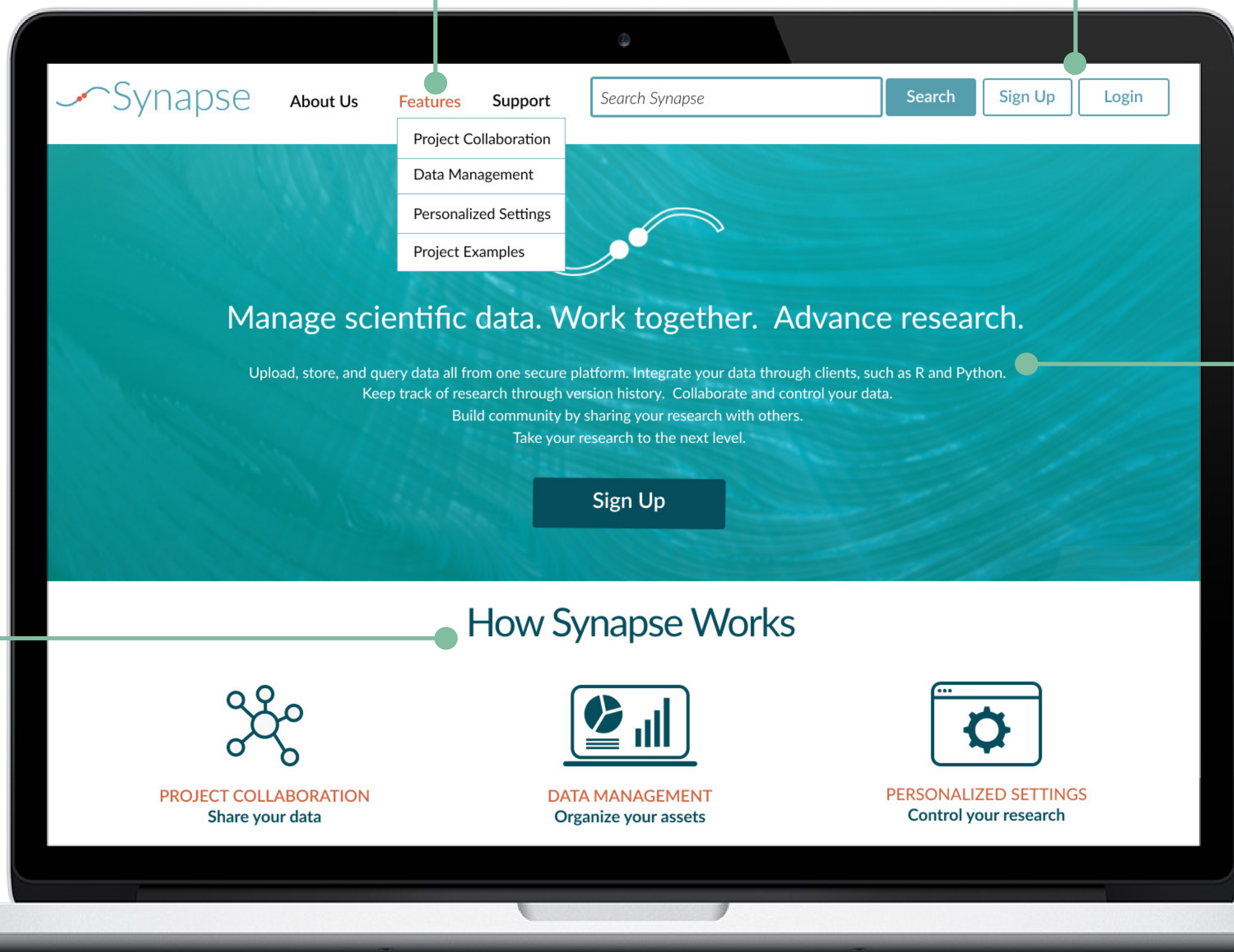
A human-centered foundation was needed to provide clearer communication and feature highlights, allowing users to identify the invaluable opportunities Synapse offers.

Navigation
A top navigation bar was added to help keep users oriented on the site.

Distinct Elements
Buttons have been differentiated to improve feedback and feedforward elements.

Synapse

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Project Collaboration
Data Management
Personalized Settings
Project Examples

Manage scientific data. Work together. Advance research.

Upload, store, and query data all from one secure platform. Integrate your data through clients, such as R and Python.
Keep track of research through version history. Collaborate and control your data.
Build community by sharing your research with others.
Take your research to the next level.

Sign Up

How Synapse Works

PROJECT COLLABORATION
Share your data

DATA MANAGEMENT
Organize your assets

PERSONALIZED SETTINGS
Control your research

Value Proposition
Clear messaging now shows what Synapse offers.

Feature Highlights
Features were placed at the forefront of the homepage.

Preliminary Research
A heuristic evaluation and competitive analysis revealed that the site has indistinguishable elements, such as buttons and text boxes looking identical, making it difficult to navigate.

User Research
Current users were not aware of what Synapse offers, and the platform is difficult to learn. One expert who has used the site for years considered himself a novice.

Design Approach
Through card sorting and usability testing we were able to narrow our focus, define users, and build a clearer information architecture.

Design Implementation
Creating cohesive elements in a design system was important to inform more iterations. A web prototype was created to show elements from the design system, feature highlights, and new navigation.

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