BookBalance

An online accounting management website

Team16

Zhaoxu Wang, 2888251W

Yiming Zhou, 2847999Z

Xulong Yang, 2870692Y

Mai Yang, 2752052Y

Yingyu Xu, 2551764X

Overview

- The BookBalance is a completely online platform that helps people and organizations manage their accounts more efficiently and simply. The BookBalance website, with its user-friendly layout and comprehensive functionality, provides customers with a variety of tools for managing bookkeeping, visualizing financial information, and searching for it.

- Users can register directly on the website and then log in after verification. There are four functions on the website. Account function, Visualization function, Budget function, ChatBox function, and Search function.

- The BookBalance is designed to make it easier for users to understand their daily expenses, which helps them better allocate their assets. Moreover, users can also use the BookBalance to set some goals that help them motivate themselves and enjoy life better.

- Overall, the BookBalance is an amazing website that can make users' life more and more wonderful.

KEY FUNCTIONS

User Registration & Login Verification

Users must enter their email address for verification, receiving an email to confirm. Upon clicking the link in the email, verification is completed. Users then log in to access various resources according to their roles and permissions.

Budget function

Users can customize budgets for different time frames.

Accounting function

Users can create, query, update, and delete their accounting records.

Data Visualization

Visualize data for billing records.

ChatBox function

Users can engage with an AI bot for automated responses to common finance-related questions.

Search function

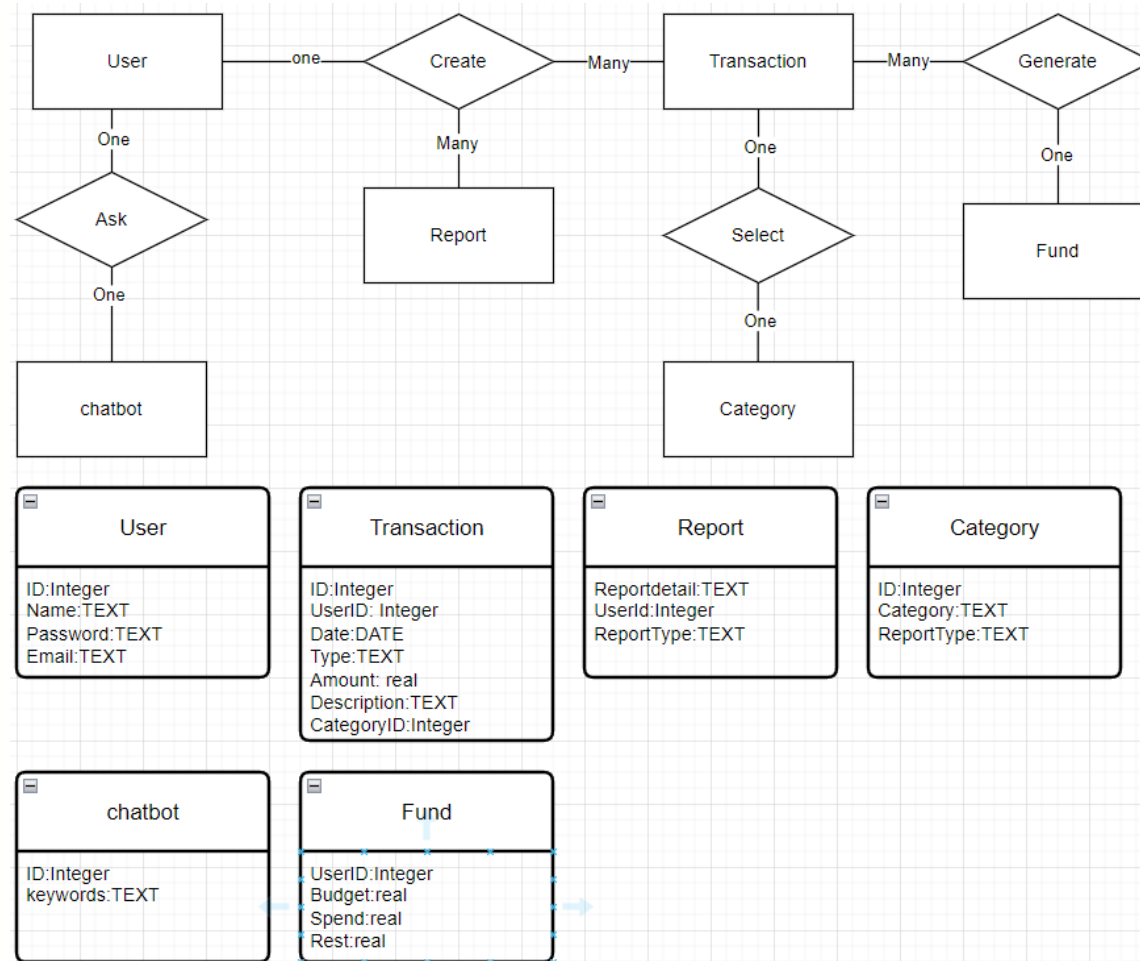Users can search for relevant accounting records.
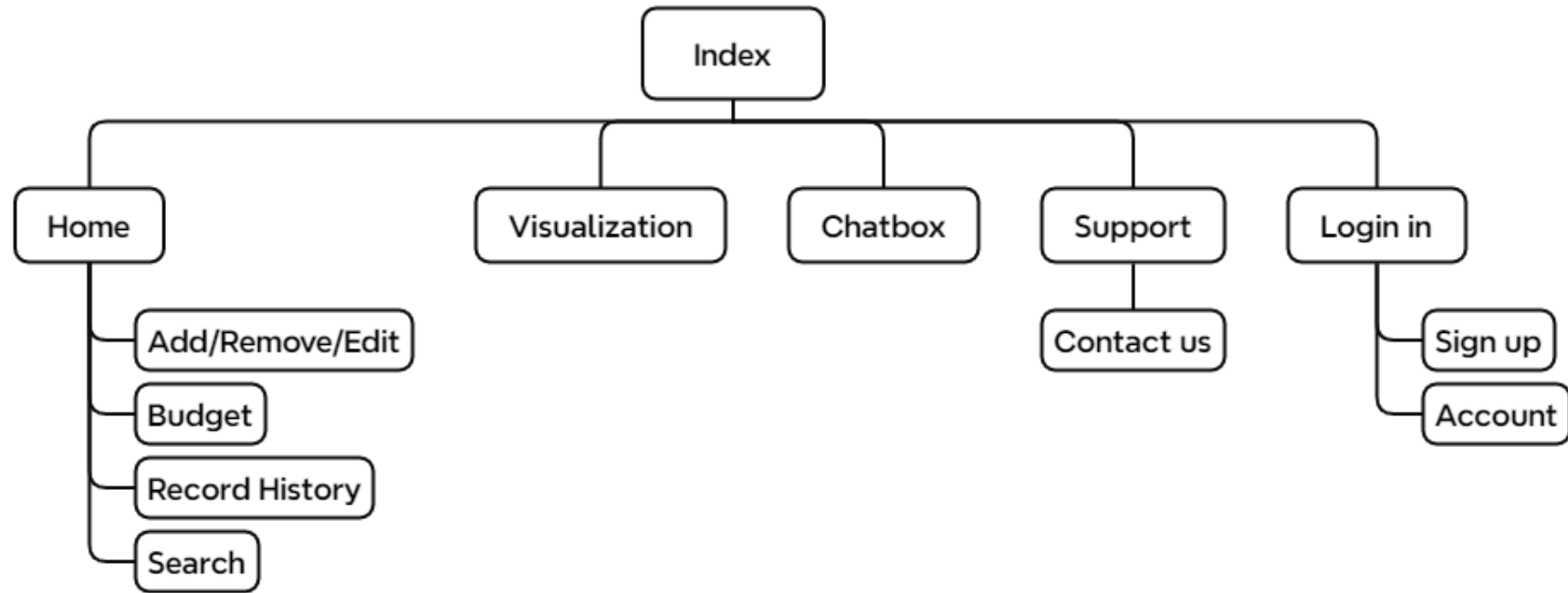
High-level System Architecture
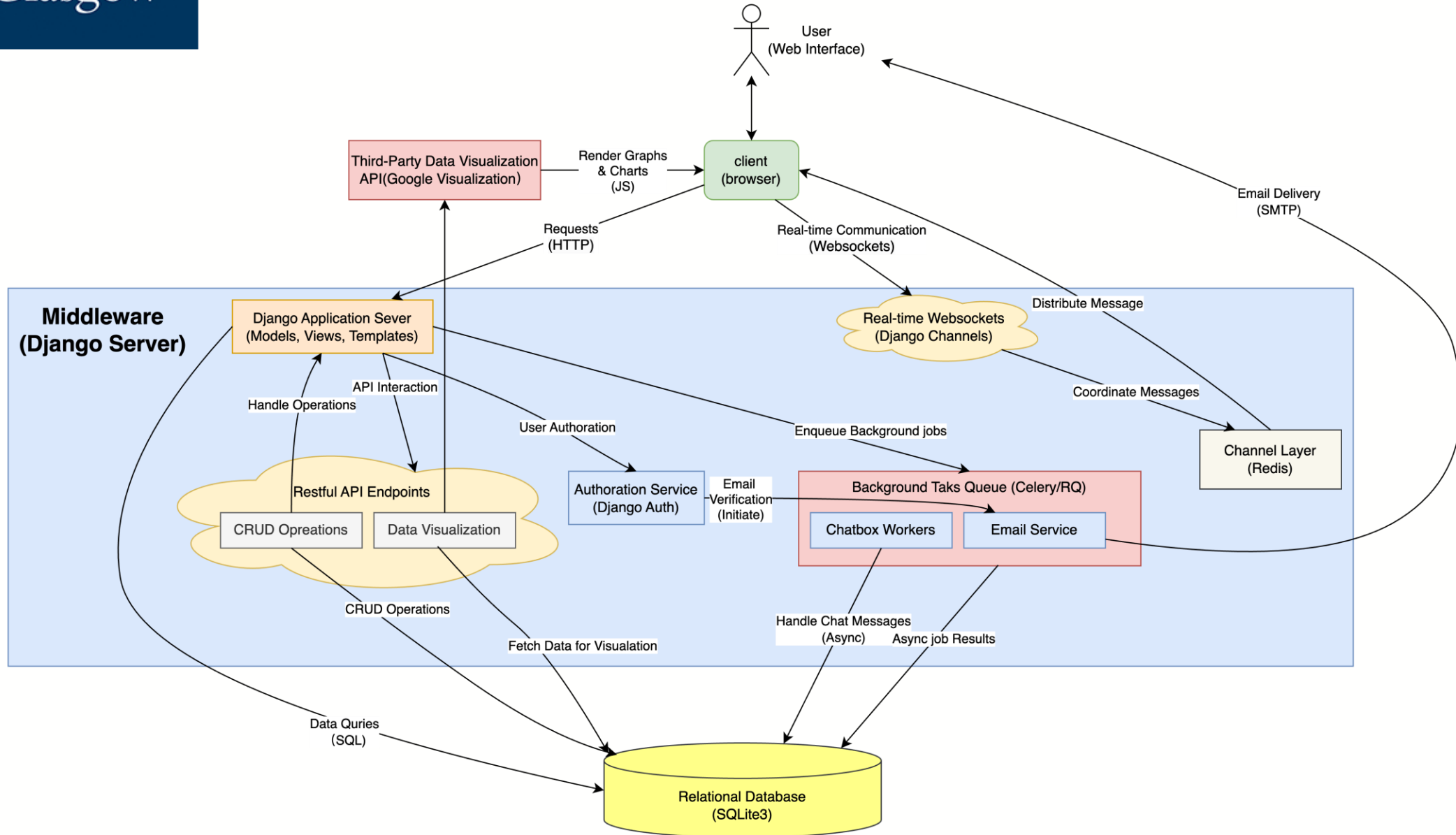
ER Diagram

Site Map
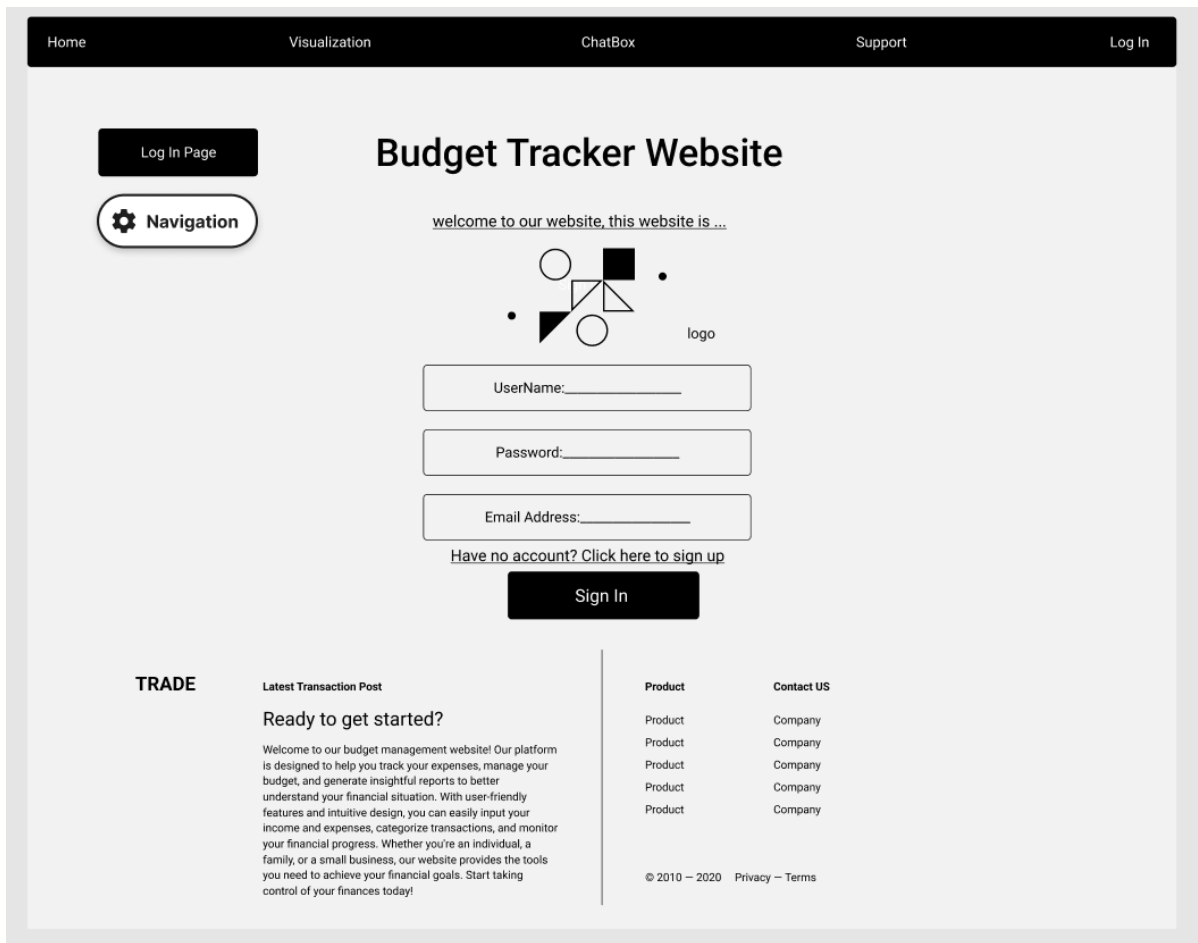
Wireframes 1

Sign In Page
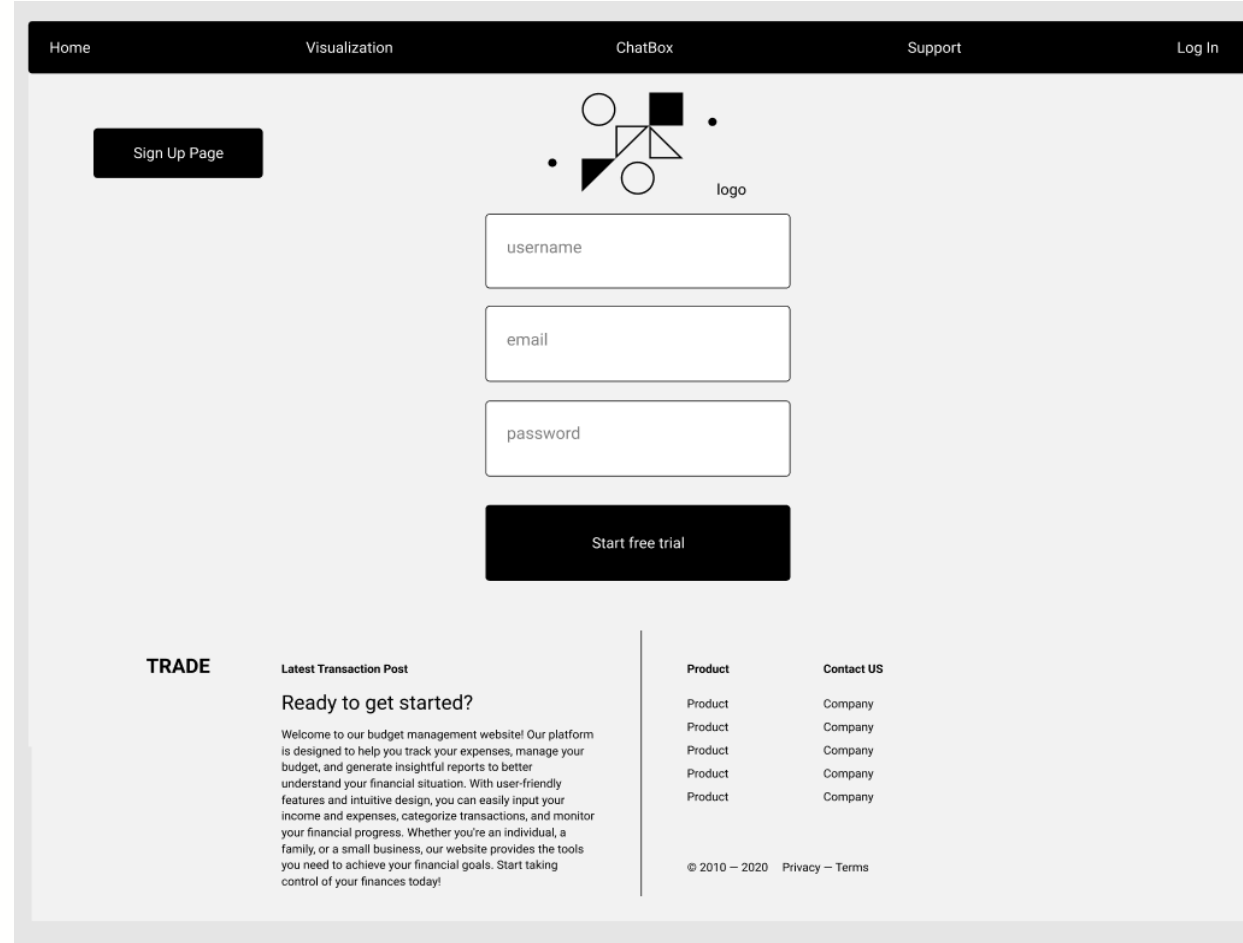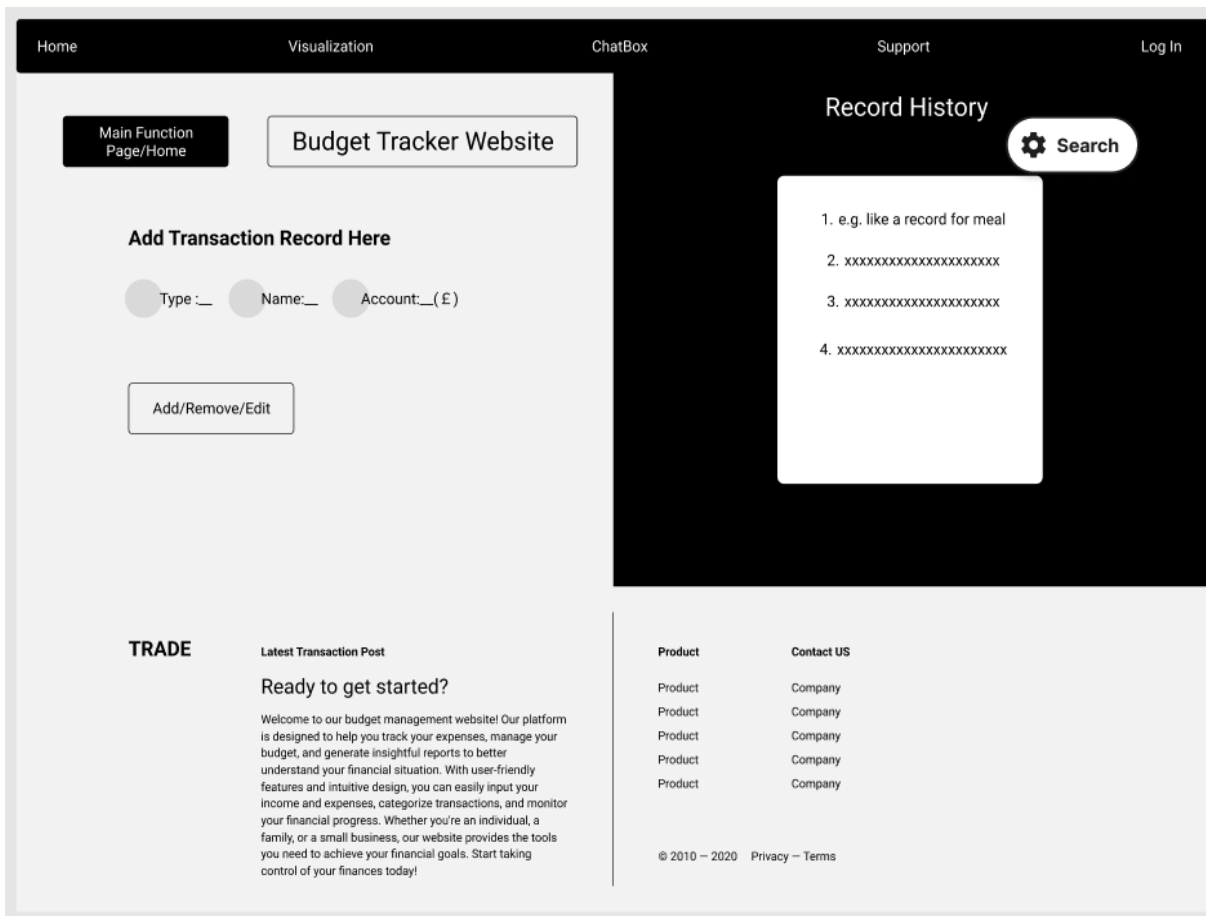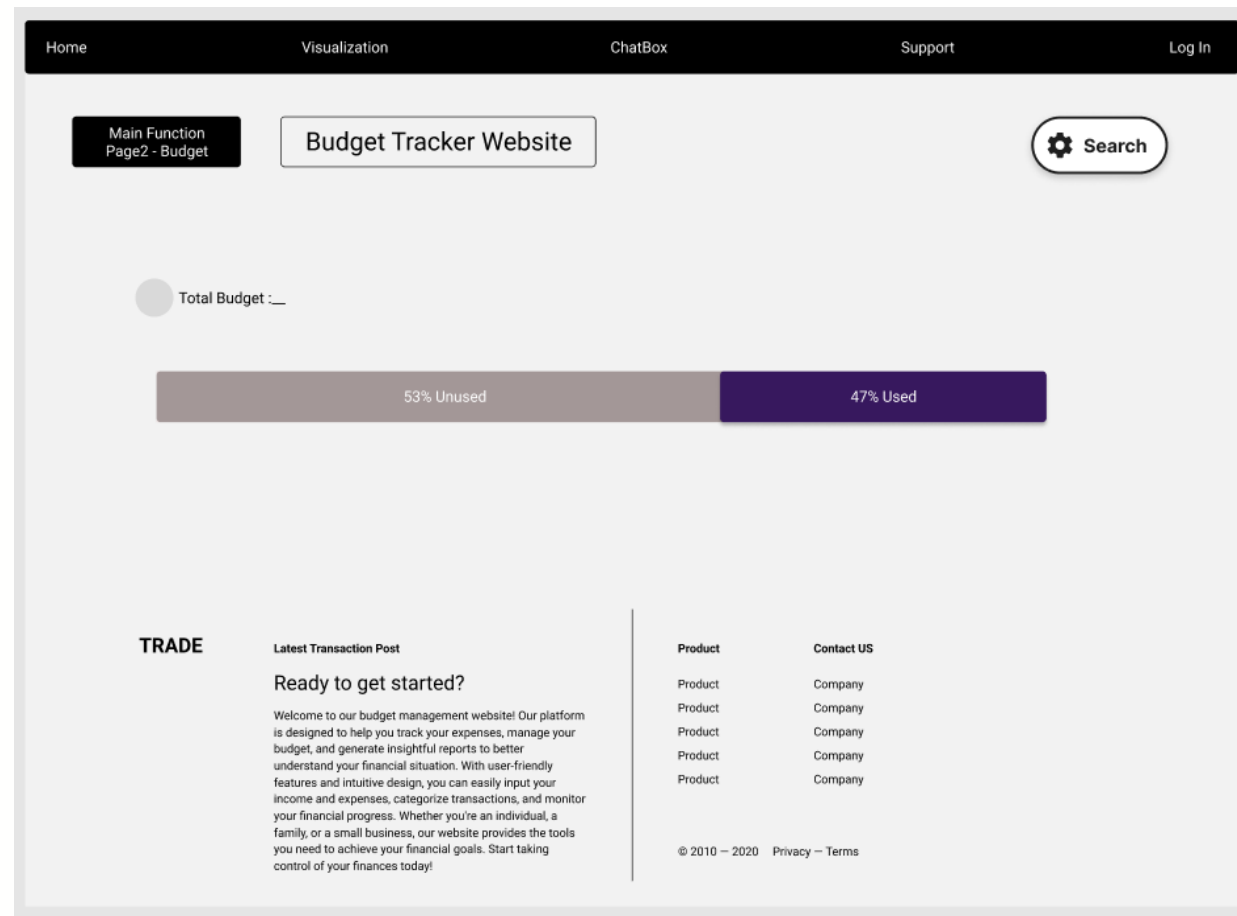
Sign Up Page

Wireframes 2

Main Function 1: CRUD & Record History

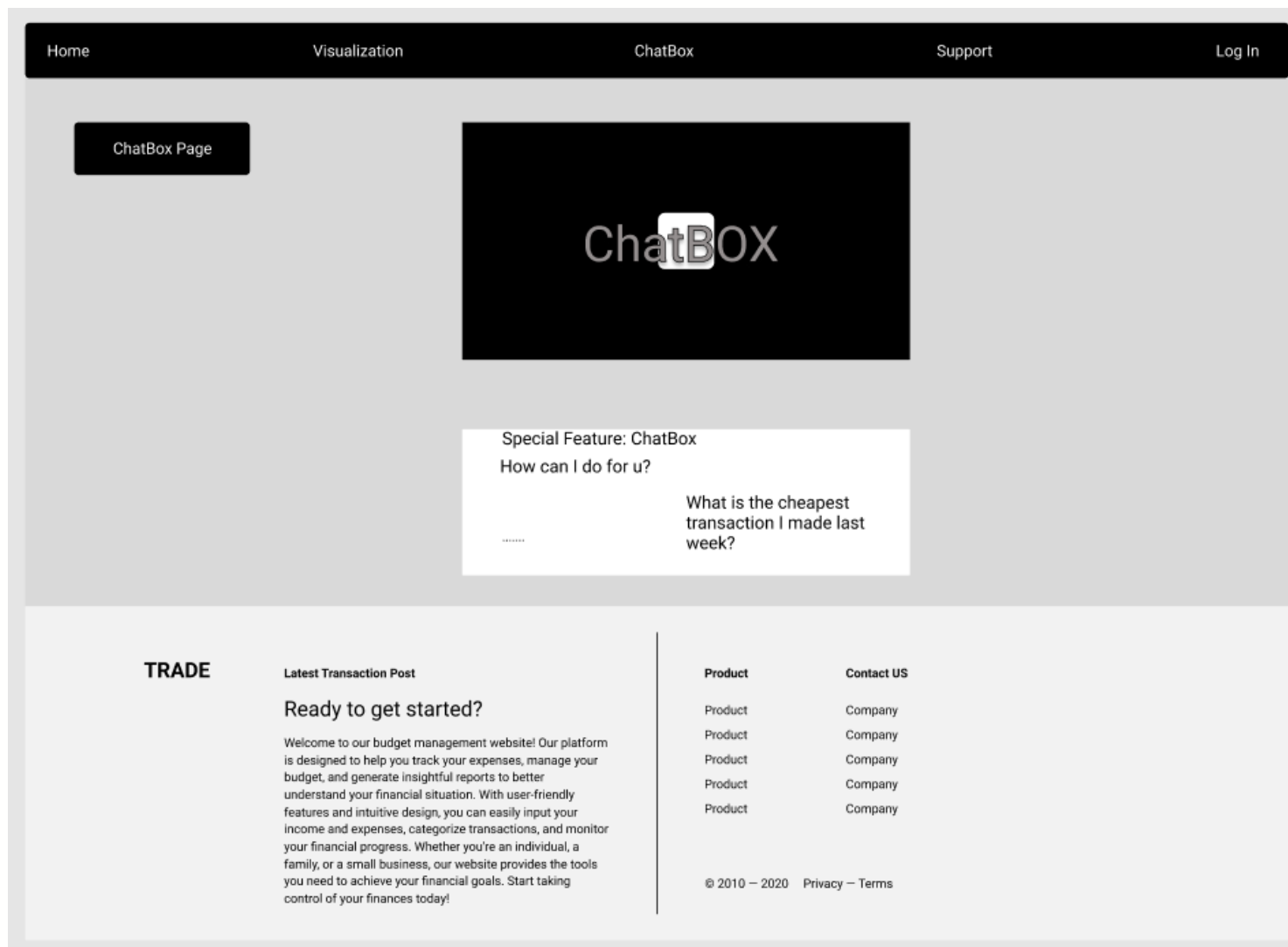**Main Function 2: Fund Budget**
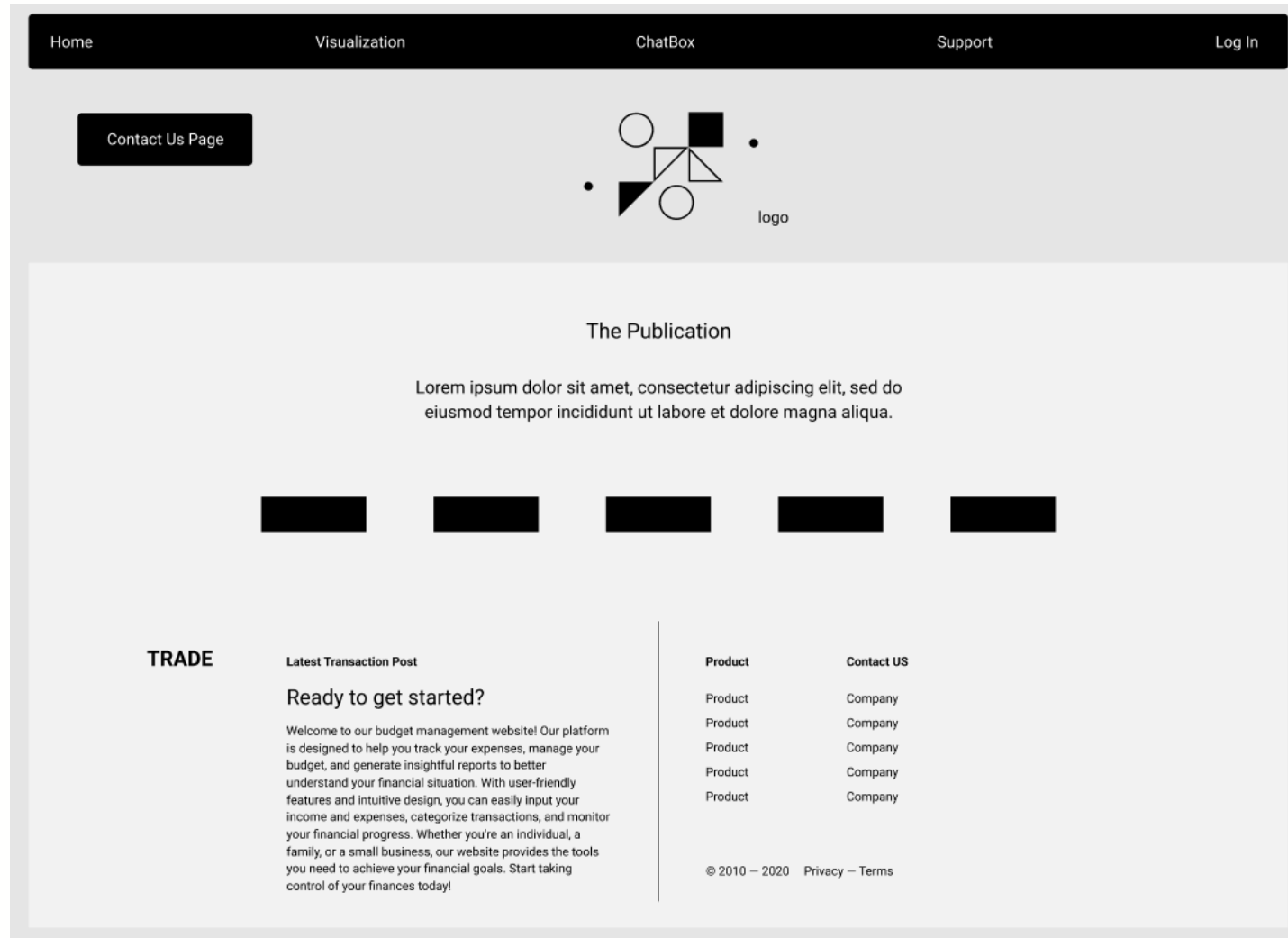
Wireframes 3

Visualization Page

Wireframes 4

ChatBox Page
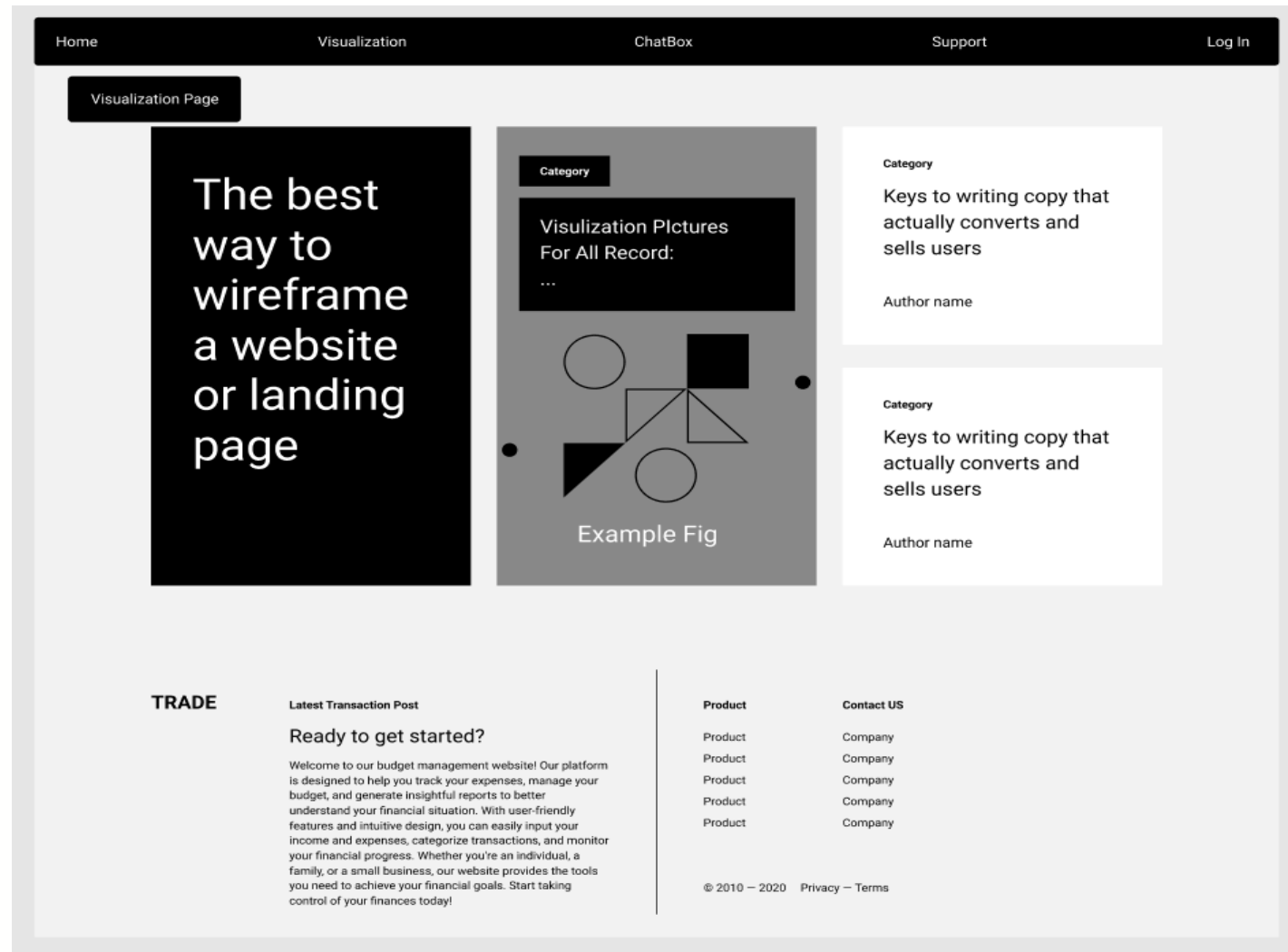
Wireframes 5

Support Page

Appendix 1 – delta contribution

- Group Member 1: Overview – Zhaoxu Wang – 20%

- Group Member 2: High-level System Architecture – Yiming Zhou – 20%

- Group Member 3: ER Diagram – Xulong Yang – 20%

- Group Member 4: Site Map – Mai Yang – 20%

- Group Member 5: Wireframes – Yingyu Xu – 20%