Assumptions

- **Dependencies**: Node.js and MongoDB are installed and configured.
- **Authentication**: Configured Clerk API keys in a .env file to handle user authentication.
- **Database**: MongoDB Atlas cluster is set up and has whitelisted IP address for a successful connection.

Design

- **Frontend**: Built with React and Vite.

  (The user interface handles form inputs and displays the expense list.)

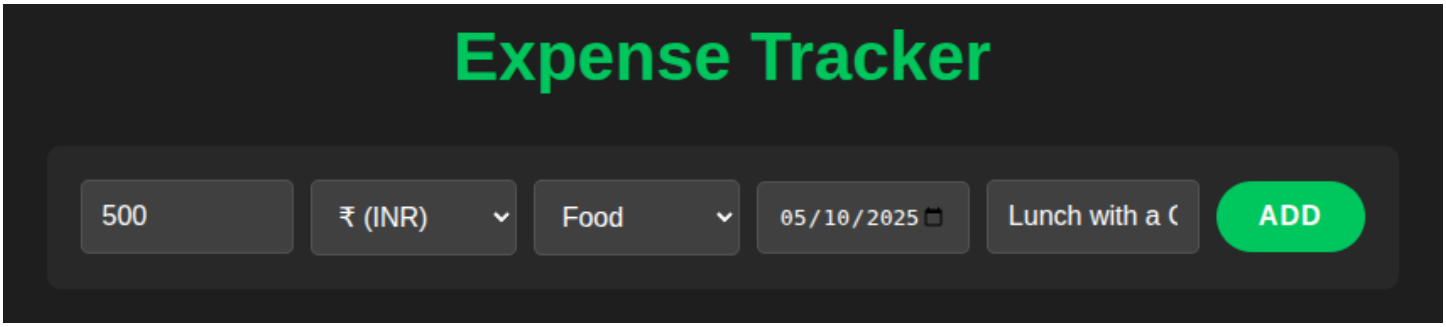
- **Backend**: A Node.js server using the Express.js framework.

  (It handles API requests, interacts with the database, and serves the frontend.)

- **Database**: MongoDB is used to store all expense data.
- **Authentication**: The Clerk library manages user sign-ups, sign-ins, and sessions.

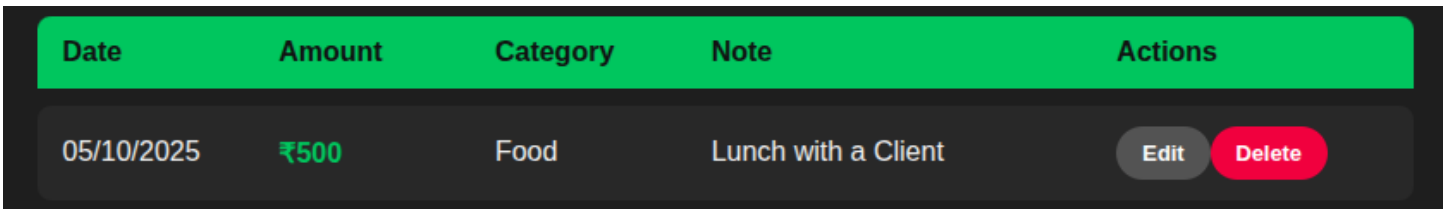
Sample Inputs/Outputs

Sample Inputs



- Amount: 500
- Currency: INR
- Category: Food
- Date: 05/10/2025
- Note: Lunch with a client

Sample Outputs



Frontend (User Interface): A new row is added to the table displaying the expense details you just entered.

Backend (API Response): A successful API call would return a JSON object confirming the expense was saved.