# SOCIETAL RELATED PROJECT

## REVIEW - 1

# CONTENT


01 OUR TEAM

02 TITLE AND ABSTRACT

03 GOALS AND OBJECTIVES

04 METHODOLOGY

05 TECHNOLOGIES USED

06 WORKFLOW

07 HARDWARE AND SOFTWARE REQUIREMENTS

# OUR TEAM

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# TITLE & ABSTRACT

## FULL STACK E-COMMERCE WEBSITE

This project presents a full-stack e-commerce website specifically designed for the fashion industry, built using React for the frontend, Node.js for the backend, and MongoDB for data storage. The website aims to provide a user-friendly and engaging platform for customers to browse, purchase, and manage their fashion finds.

# GOALS AND OBJECTIVES

## Objective n° 1

Building a Functional E-commerce Website Focus:

- Product Browsing
- Product Details
- User Accounts
- Shopping Cart
- Checkout Process

## Objective n° 2

Learning:

We'll leverage tutorials, documentation, and online courses to build these functionalities. We'll explore and utilize React component libraries like Material UI or Bootstrap to build the user interface efficiently.

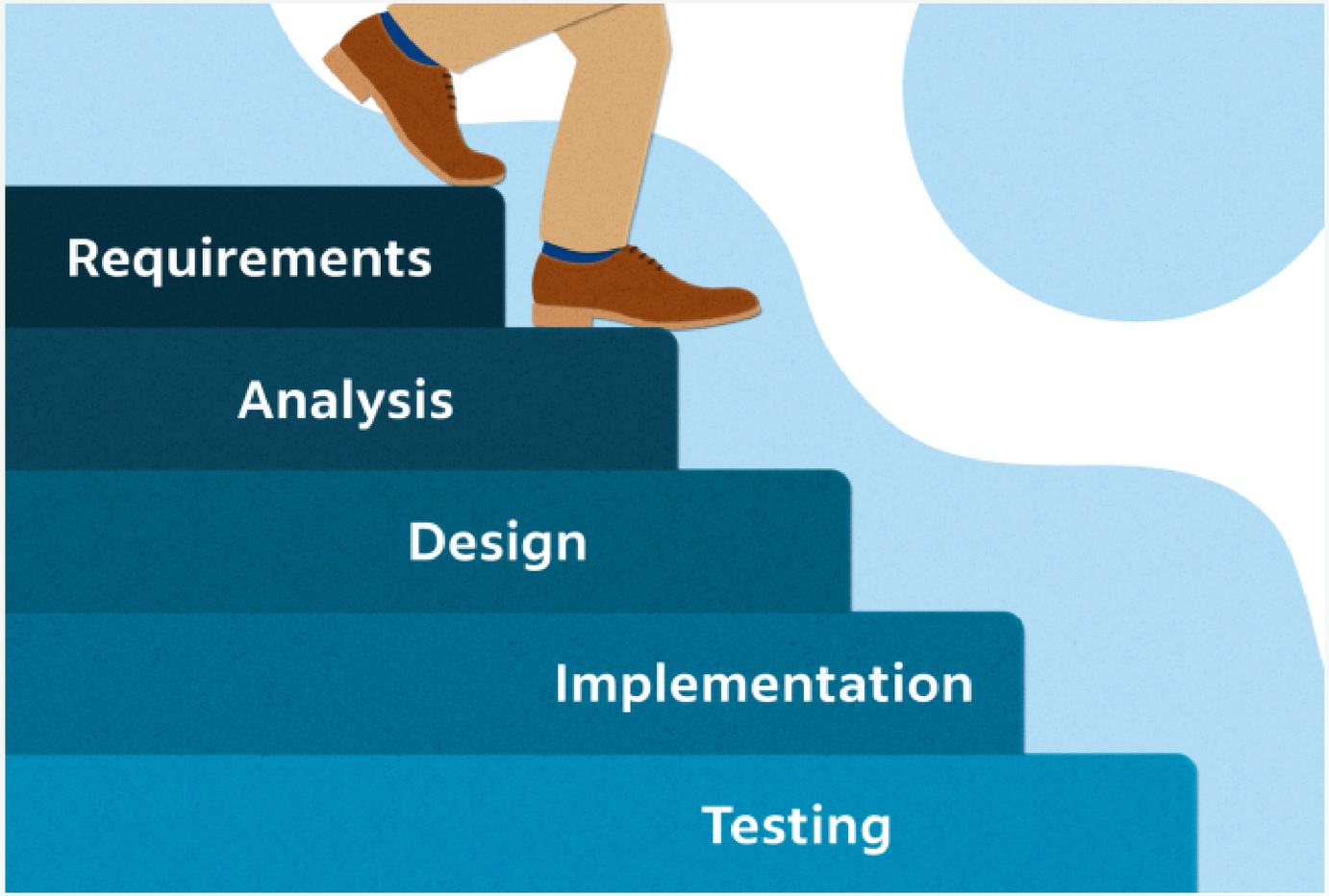
## Objective n° 3

User-Friendly and Responsive Design Focus:

- Intuitive Layout
- Responsive Design
- User Interaction

# METHODOLOGY-

## WATERFALL WEBSITE MODEL




Our fashion e-commerce website development will follow a simplified Waterfall model with Agile elements. This contains stages like design, development, and testing  allowing for some flexibility in addressing minor adjustments during development.

**REQUIREMENTS:** We'll take references from various fashion websites for different features and functionalities to include them in our website.

**ANALYSIS:** Based on the requirements taken we'll analyze different functionalities, strategies required to develop this website.

**DESIGN:** We emphasize the importance of conducting thorough research across multiple fashion websites and analyzing what existing platforms offer in terms of User Experience (UX) and design.

**IMPLEMENTATION:** We'll be focussing on effective development by adding responsiveness , good UI and functionalities.

**TESTING:** Test every feature to ensure it works as expected, Have real users test our site for usability, and make adjustments based on their feedback.

# TECHNOLOGIES USED

## FRONT-END

- Html, Css & JavaScript
- ReactJS

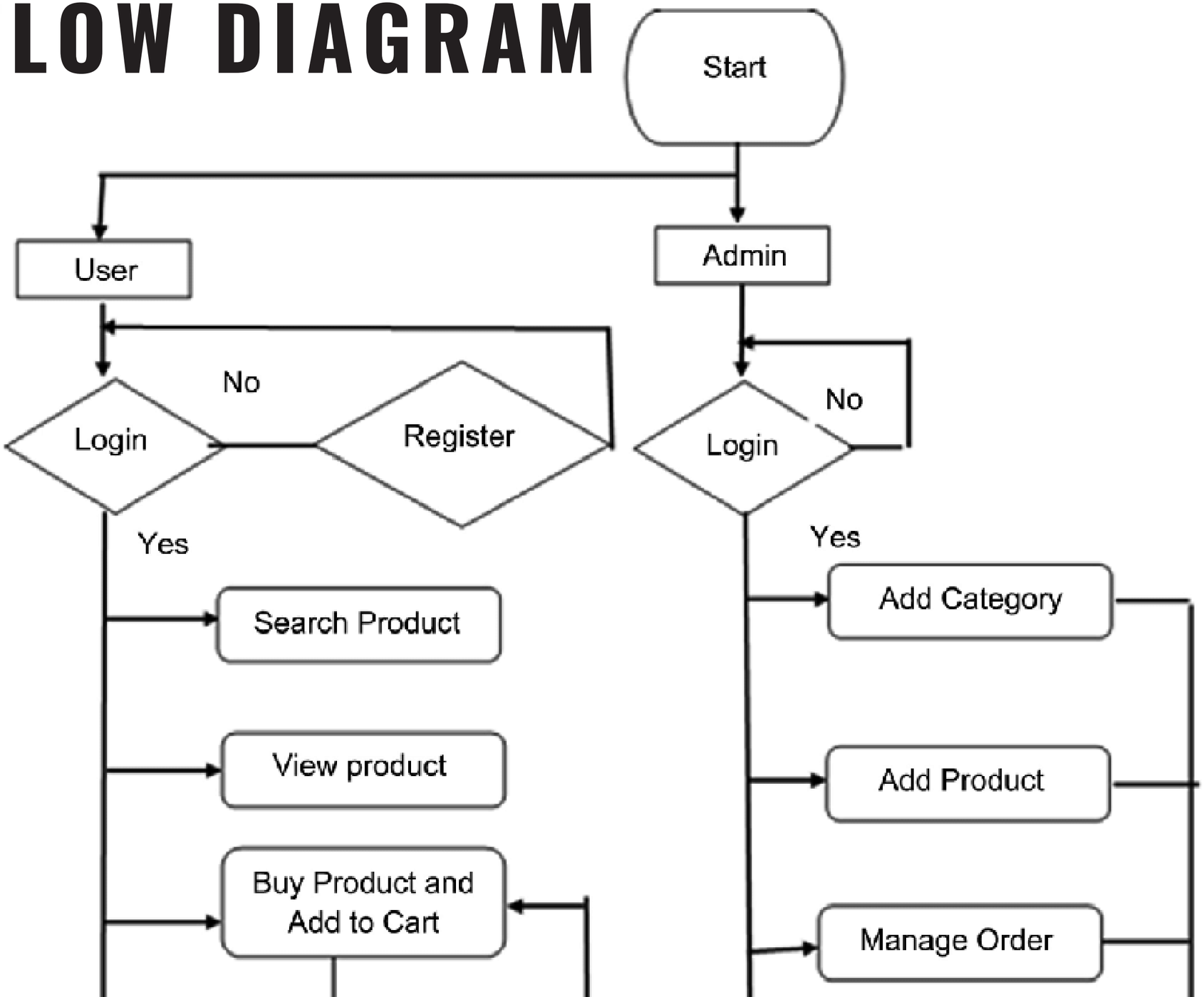
## BACK-END

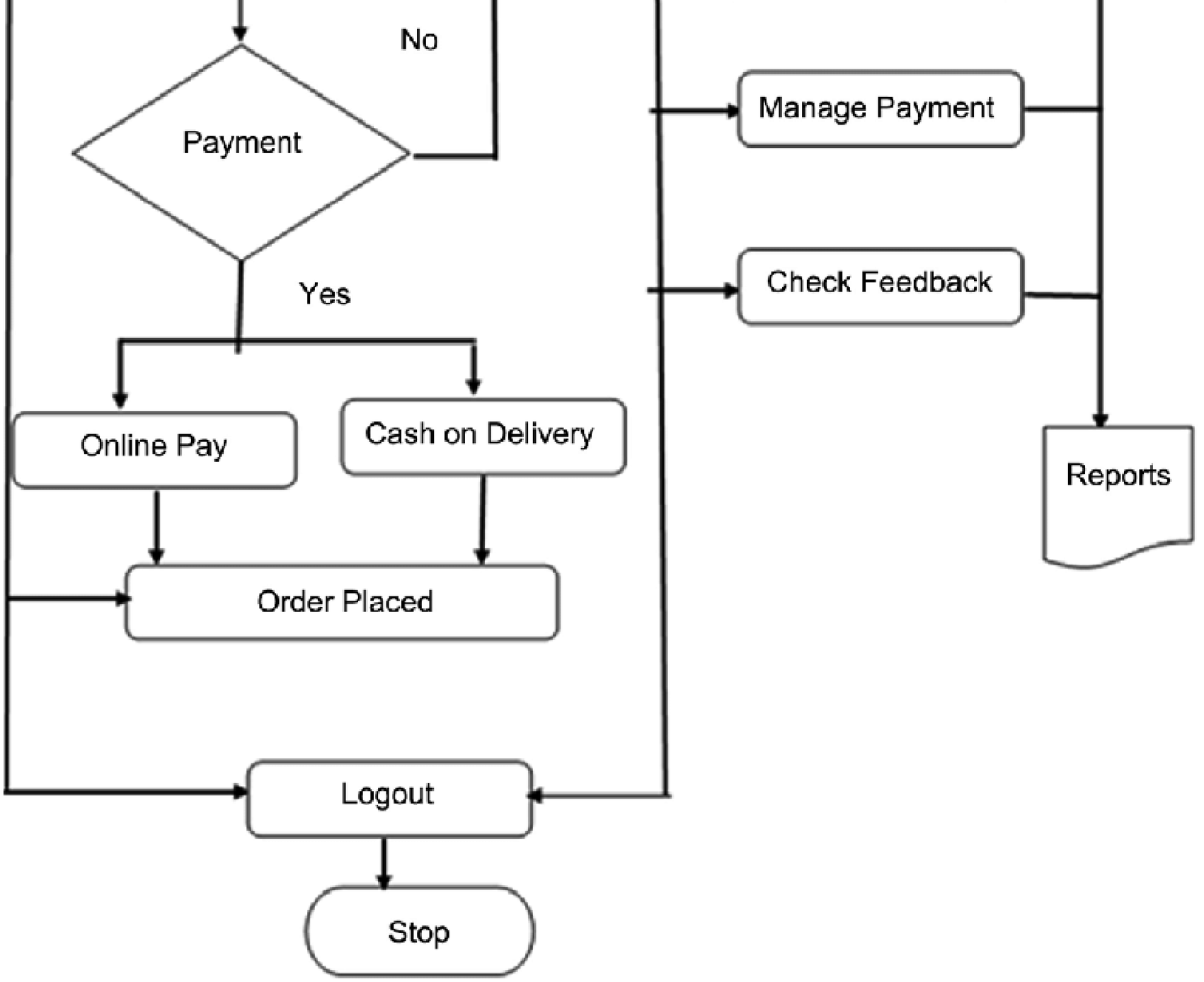
- NodeJS
- MongoDB

# HARDWARE & SOFTWARE REQUIREMENTS

- VIRTUALLY ANY DEVICE THAT CAN CONNECT TO THE INTERNET AND RUN A WEB BROWSER IS SUFFICIENT, LIKE
  - DESKTOP COMPUTERS (BOTH WINDOWS AND MACOS).
  - LAPTOPS.
  - TABLETS.
  - SMARTPHONES.

# WORKFLOW DIAGRAM

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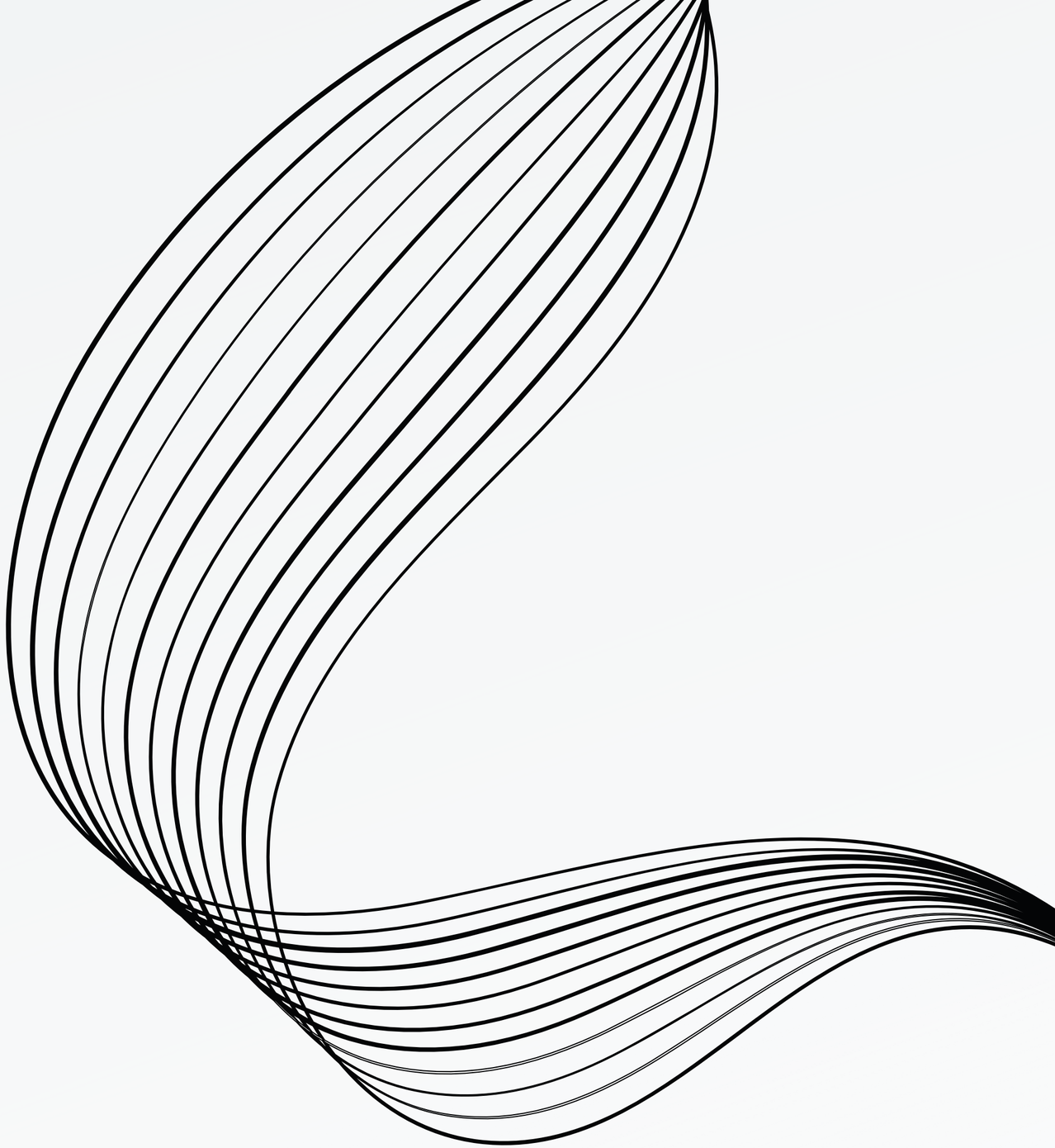
# THANK YOU