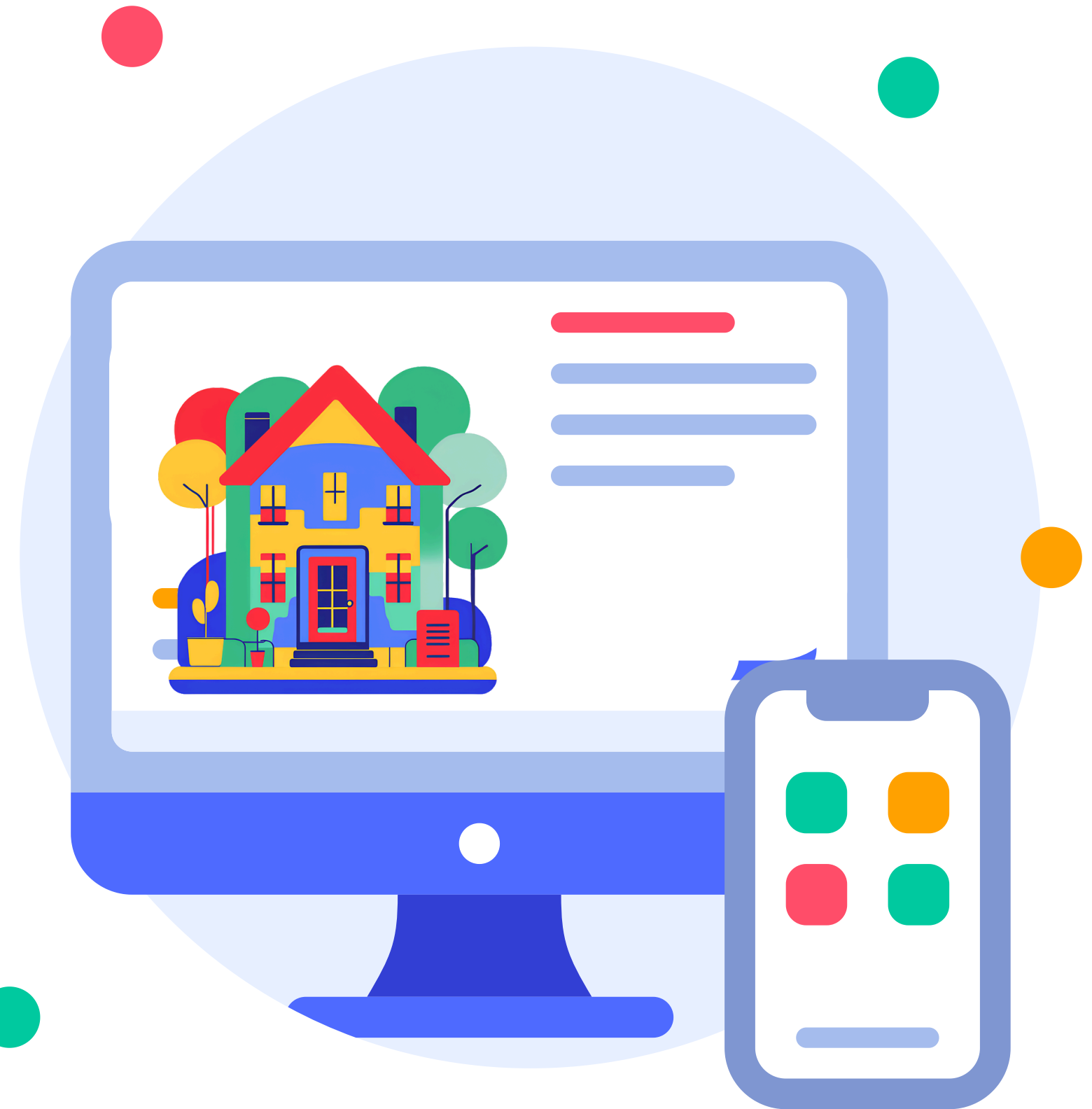


RoomHub

A P P - W E B S I T E



COMP4350



VISION STATEMENT

**To transform shared living by
simplifying household
organization and helping
people find the perfect
roommates.**





EFFICIENT ORGANIZATION

streamlines expense tracking and chore management, reducing the complexity of shared living arrangements.



INFORMED DECISIONS

The app allows users to find roommates who match their living style based on honest feedback from previous roommates.



CONVENIENCE

With automated reminders and notifications, users stay on top of payments and tasks, fostering a more organized and stress-free living environment.



Shared Expenses Calculator

Users can add and track expenses like rent, groceries, and insurance, and see how much each person owes.



Tasks Organizer

Roommates can assign and manage household chores, ensuring that everyone knows their responsibilities.



Reminders and Notifications

The app sends alerts for upcoming payments and pending tasks, keeping everyone on track.



Rate your roommate

Users can rate and provide detailed feedback about their roommates, helping future users make informed decisions based on valuable insights.

React.js

Provides a robust library for building interactive and dynamic web interfaces, ensuring a responsive and engaging user experience. React.js will be used for the web version of the Roomies app.

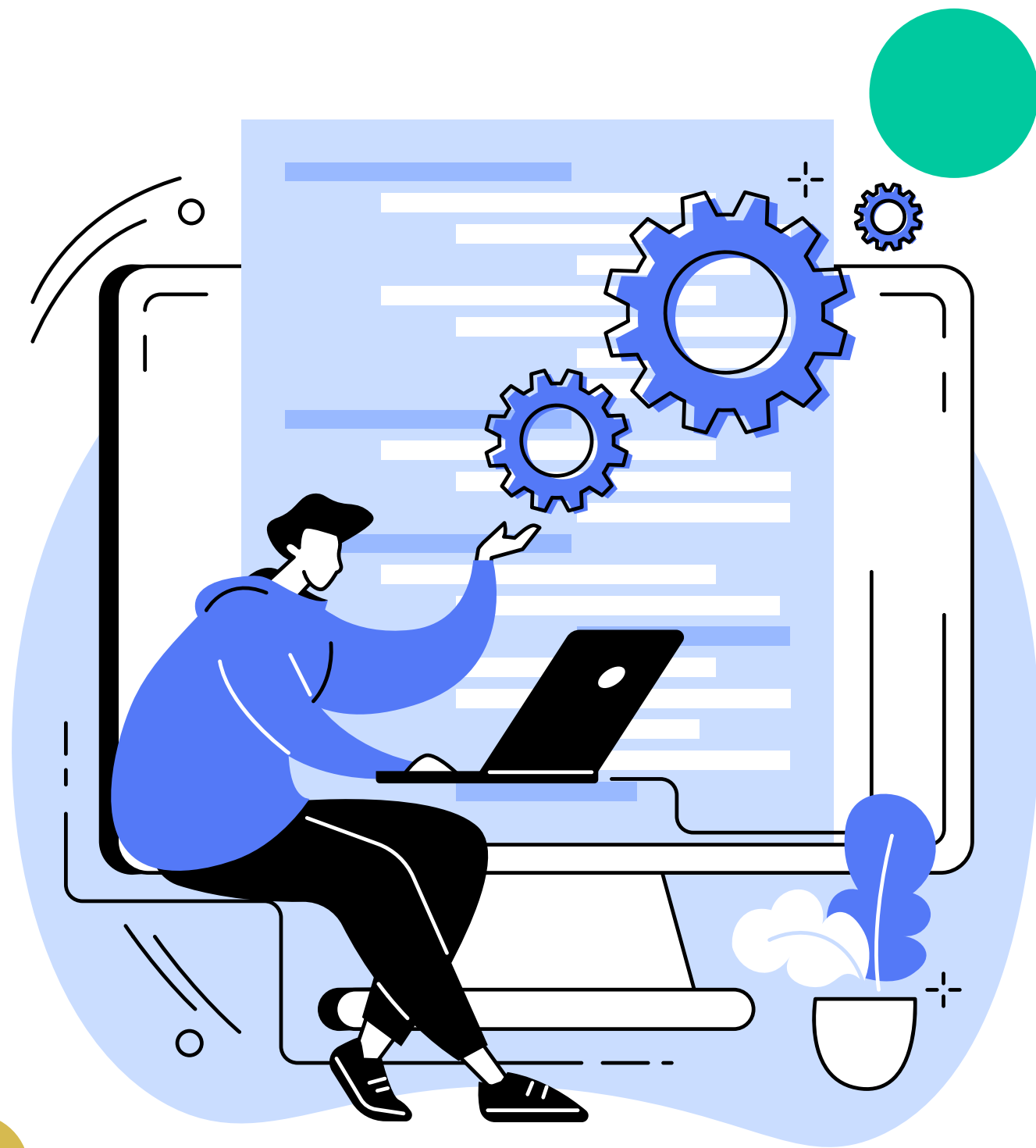
Flutter

Offers a cross-platform framework for creating high-performance apps for mobile, web, and desktop from a single codebase, maintaining a consistent look and feel across different devices. Flutter will be used for mobile and desktop applications.

FRONT-END



BACK-END



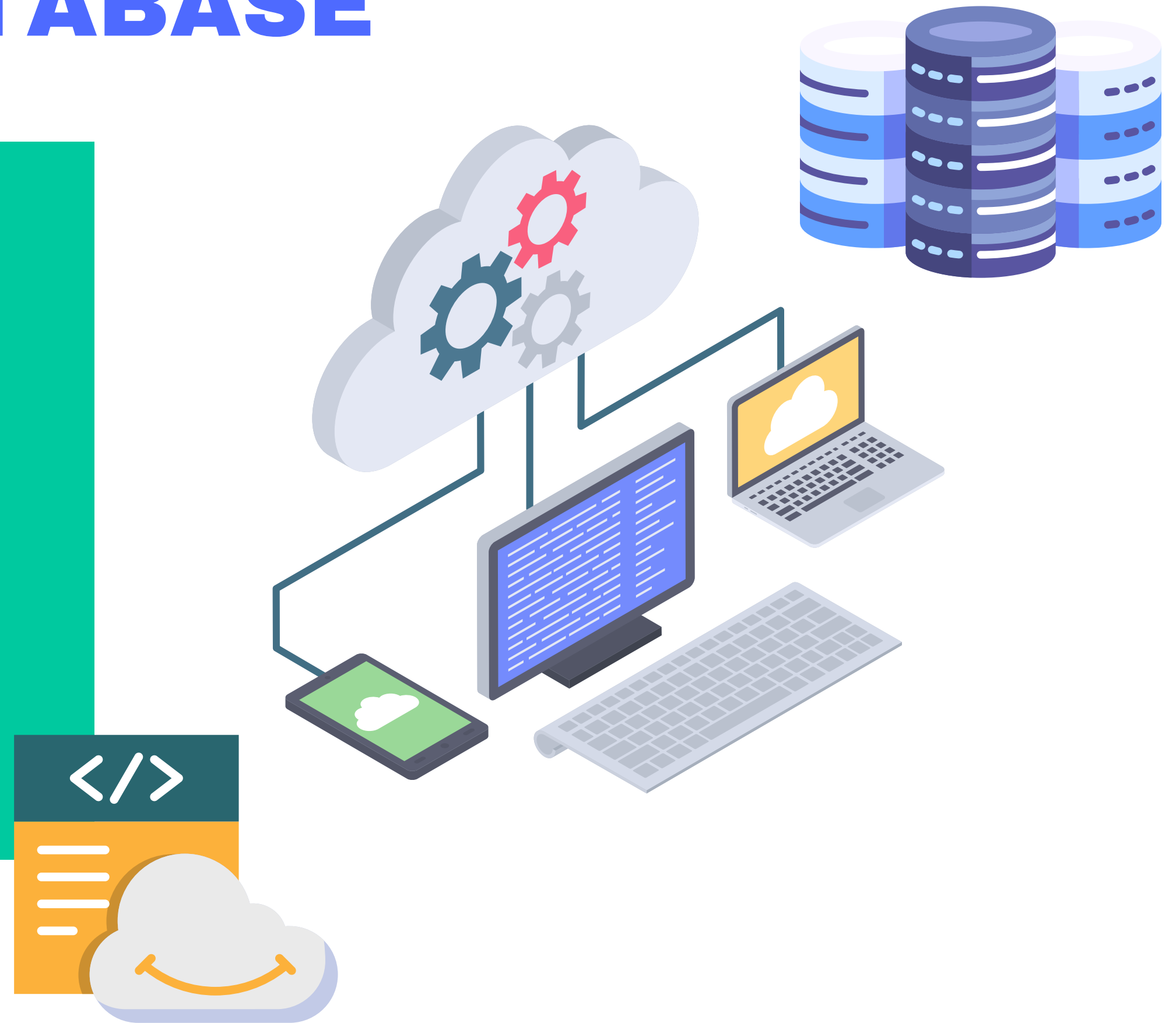
EXPRESS

A minimal and flexible Node.js web application framework, ideal for handling HTTP requests and server-side logic efficiently, making it a good fit for API development.

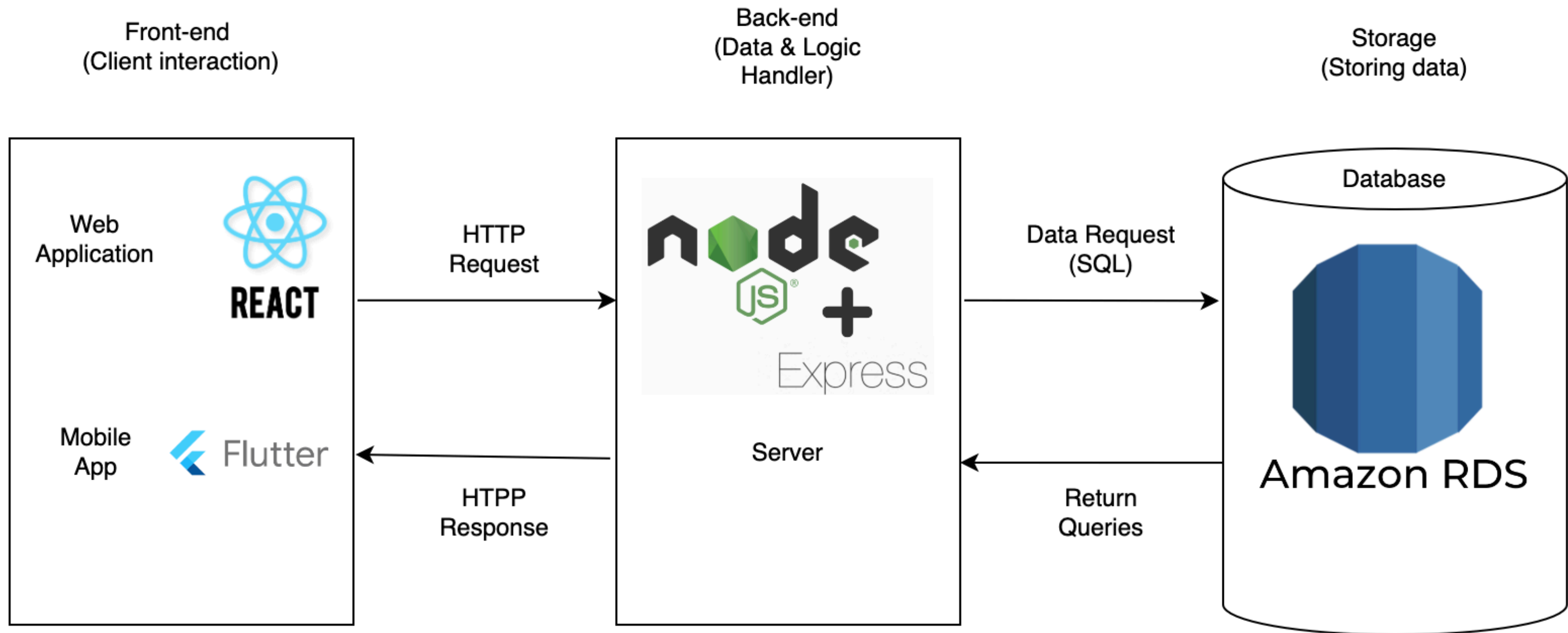
DATABASE

Amazon RDS

Offers a managed relational database service that supports MySQL. It provides automated backups, scaling, and high availability, ensuring robust data management and reliability. It will serve as the primary database for the app



ARCHITECTURE DIAGRAM





THANK YOU

FOR YOUR ATTENTION