



# Ashesi Insider

**A platform for Student Reviews**

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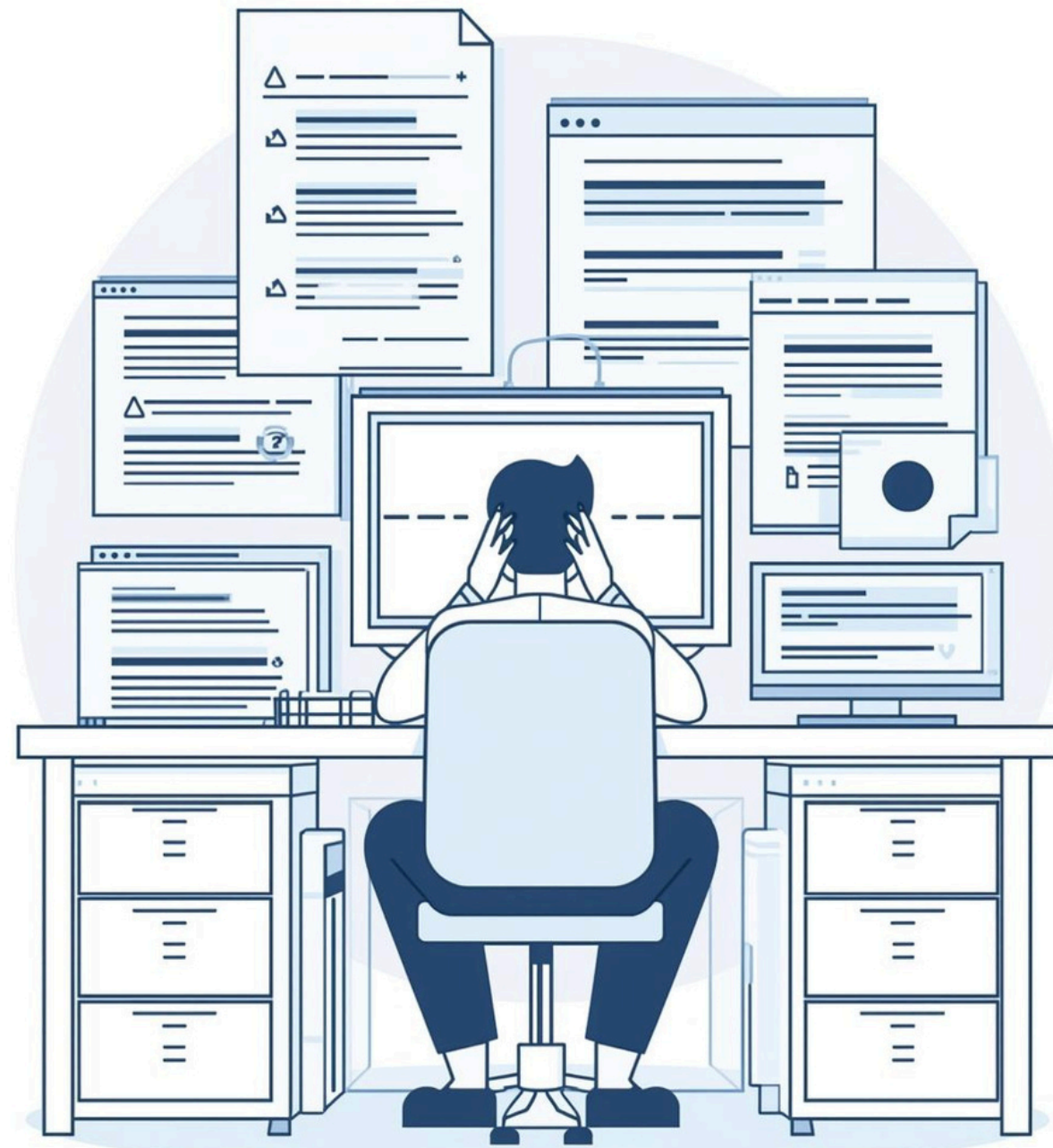
# Problem:

Students struggle with:

- Limited information when selecting courses or lecturers
- No reliable ratings for campus restaurants or hostels
- Difficulty comparing quality across different options
- Lack of transparency & student-driven data

# Solution:

A verified review platform that aggregates student experiences in one place.



# Background: What Is Ashesi Insider?

A review platform for the Ashesi community

Helps students make informed decisions about:

- Courses & lecturers
- Restaurants
- Hostels

Centralizes feedback that is normally scattered, word-of-mouth, or unavailable

# User Roles

## Students (Main Users)

- View reviews, submit reviews, delete their own reviews, explore campus option

## Admin

- Manage users
- Moderate reviews
- Remove inappropriate content
- View platform statistics



# Functionality

## Review Sytem

- Submit, view, filter, and delete reviews
- Four categories: lecturers, courses, restaurants, hostels

## Authentication

- Secure signup / login
- JWT-based auth using Next.js API routes + Supabase

## Review Sytem

- Aggregated view of all reviews the user has made
- Category filtering

## Review Sytem

- Statistics
- Moderation (delete reviews / manage users)
- Secure role-based access control



# High Level System Architecture

## Frontend (React + Next.js)

- TUI, routing, state management, forms
- Fetches data through API routes

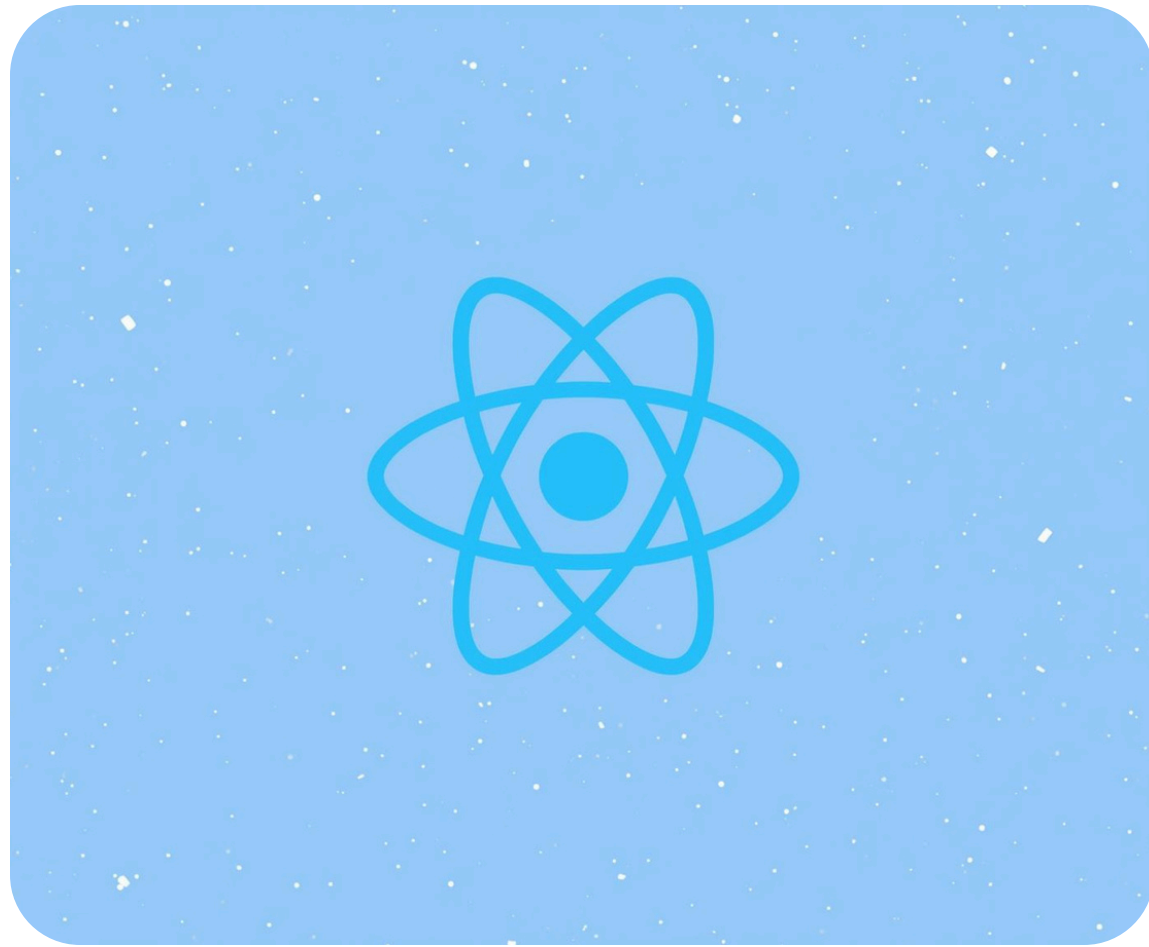
## UI, routing, state management, forms Fetches data through API routes

- Authentication logic
- Review CRUD
- Admin operations
- Input validation & authorization

## Authentication logic Review CRUD Admin operations Input validation & authorization

- Users
- Reviews (4 types)
- Restaurants / Courses / Lecturers / Hostels
- Secure role definitions

# Tech Stack Overview



## React

A powerful library for building user interfaces efficiently.



## Node.js

A runtime environment for server-side JavaScript execution.



## PostgreSQL

A standard language for querying relational databases.

# Team Contributions

## Nigel

- \* Authentication system
- \* Hostel reviews + filtering
- \* Rate limiting algorithm

## Shaun

- \* Review submission & deletion
- \* Profile page review aggregation

## Divine

- \* Admin dashboard
- \* Admin & profile APIs
- \* Statistics queries

## Seyram

- \* Landing page design
- \* Signup & signin UI
- \* Frontend–backend integration

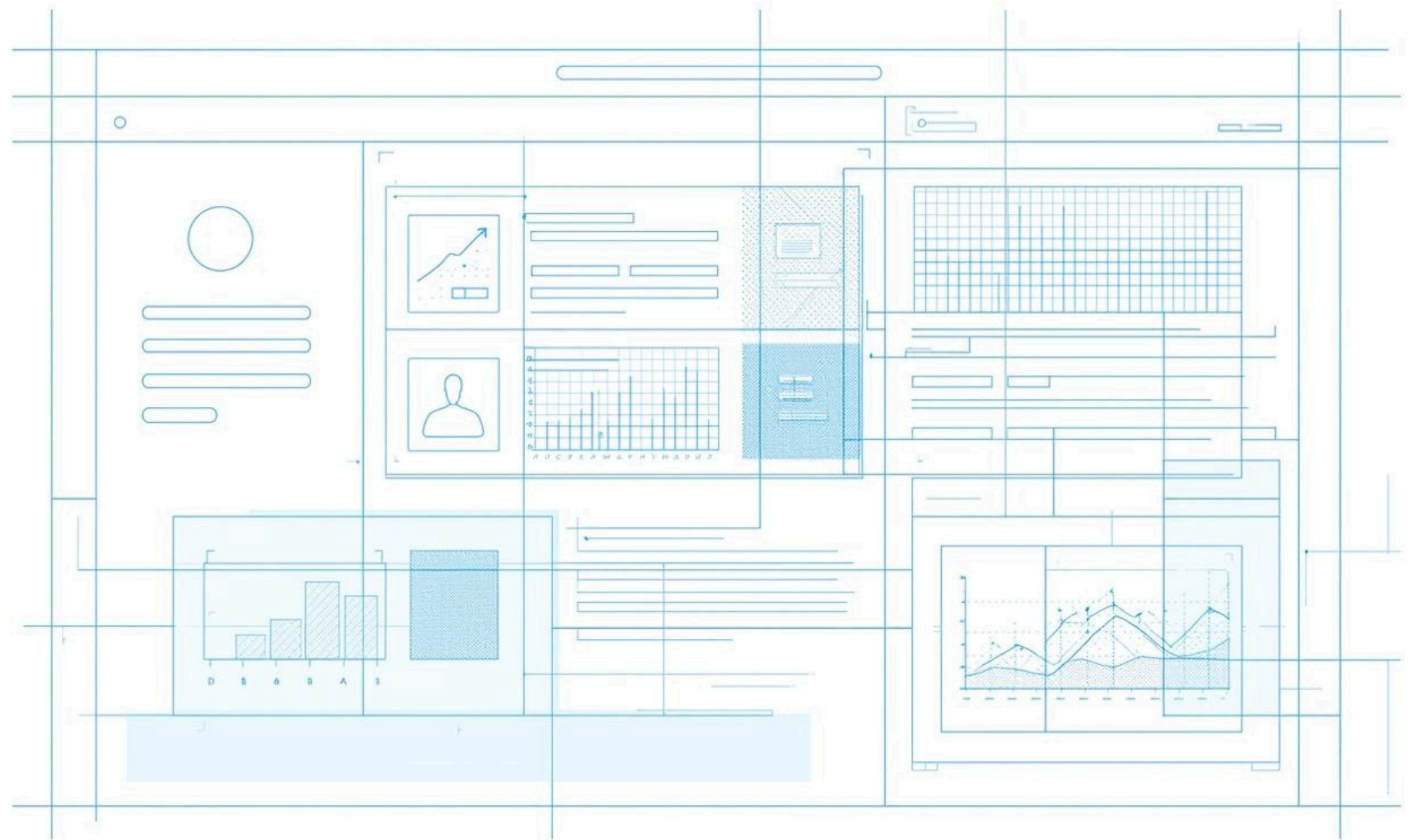


An abstract graphic on the left side of the slide. It features a complex network of blue lines connecting various nodes. Some nodes are small circles, while others are larger, multi-faceted geometric shapes resembling crystals or complex molecules. The background is a light blue gradient with some faint, larger-scale geometric patterns.

# Testing/Validation

- \* Manual testing of all API routes
- \* End-to-end scenario testing for authentication
- \* Validation of login states, protected pages, and redirection
- \* Review creation/deletion tested across all categories
- \* Admin-only routes verified using role restrictions
- \* Content moderation validated with test accounts

# Demo



<https://ashesi-insider-zeta.vercel.app/>

Thank You