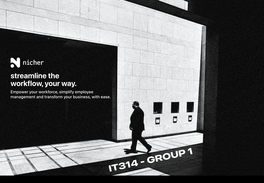
nicher

streamline the workflow, your way.

Empower your workforce, simplify employee management and transform your business, with ease.



ABOUT THE PROJECT

what's nicher?

The solution aims to provide a modernized SaaS solution for employee and HR administration that will help businesses simplify tedious HR tasks.

It will centralize personnel data administration, performance tracking, attendance monitoring, and payroll processing, allowing firms to focus on their core capabilities and promote development.

TIMELINE

3 months, Group project.

TEAM'S ROLE

Ideation, Product Research, Frontend and Backend Engg., Visual Design, Documentation.

PRODUCT BACKGROUND

nicher *adjective*
nee-sha-ser

Due to our team's own personal experience of never coming across an Employee management or any type of HR back related software we were quite excited and equal parts confused.

It was a little open ended for us on how we'll have to frame this entire project out in terms of the design and its implementation.

we definitely did our own reasearch...

we went through all those HR tasks software that are currently out there to plan out the FR's and NFR's respectively.

then comes...

One month into the project, when enough labs and lecture slides had enabled us to shape and conceptualize a product that will *kind of* serve to what we are planning on.

PROCESS

how we approached this project

1.
**/ Exploration **
By researching the industry and identifying the gaps in employee and HR management solutions to ensure the creation of a software solution that prioritizes agility, scalability, and flexibility.

2.
**/ Conception **
A prototype for this will let businesses optimize their workforce, streamline HR processes, and improve employee engagement enabled by us, continue to innovate and improve on problems.

3.
**/ Creation **
Our approach has been with a customer-centric mindset, regularly gathering feedback to iterate and improve the software continuously.

with ideas overflowing, greatness is within reach.

our plan was ready to be implemented, a temporary design ready to get coded into the reality, we did step into the unknown and let decide what will happen next.

DESIGN GOALS

a look into how we thought things through.

we collectively finalized on what our solution will work upon and how it'll benefit the people and the businesses using it.

Efficient Data Management
The system should be designed
to efficiently manage and sort
employee data, such as personal details, job roles, attendance history

Streamlined Processes
The system should be designed
routine tasks, processes and tasks
such as onboarding, leave management, and payroll to improve overall efficiency.

Strong Security and Privacy
The system should be designed
security features and measures
to protect employee data and prevent unauthorized access to all platforms.

User-Friendly Interfaces
The system should be designed
with a user-friendly interface
and accessible to all users, including those with varying technical proficiencies.

Scalability and Flexibility
The system should ensure that
the engineering is capable
of accommodating a growing number of users, adapting to evolving business needs, and maintaining performance.

FUNCTIONAL REQUIREMENTS

INCLUDES CONCEPT FEATURES

Nicher's being built with features at its core that help maximize the convenience for the user and minimizes the time needed to get stuff done.

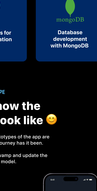
A Login Page
for different categories / level of users.

Employee Profiles
of employees, with all the aspects of their information.

Attendance Managed.
so the HR can safely track attendance while also reviewing the leave applications.

Payroll Assessment
to track all financial records of any employee along with expenses/deductions.

Performance Reports
for evaluation of employees to ensure maintaining workload expectations.



NON-FUNCTIONAL REQUIREMENTS

INCLUDES CONCEPT FEATURES

With an emphasis on maximizing reliability, scalability, and security, Nicher provides a user-friendly platform that minimizes downtime, optimizes performance, and maximizes data security.

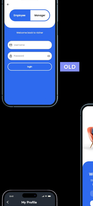
Web Application
for user friendly management and ease of use.

noSQL Database
for efficient data storage and management.

Encryption, all around
so you can securely save and save your data with no leaks.

Maximum Scalability
to find whatever you're looking for, ASAP!

The Availability
to see the website running smoothly (even in Rajasthan, at 3 AM).



IMPLEMENTATION

so how about building something impactful

designing the ideas and coding them every day makes the AI unable to take your job after all.

Intuitive UI/UX and Product Design
Taking cues ideas and inspiration from various devices to understand the convenience of the users.

Front-end with Flutter
by working with all the widgets, we could create a thorough design plan into reality.

Backend with Node.js
combining the best parts from all the tools and technologies we have from the feedback is bring the final design to life.

Fav UI Design and Prototyping

passport.js for Authentication

Database development with MongoDB

PROTOTYPE

all about how the product will look like

some lo-fi (Low-Fidelity) prototypes of the app are open to understand what journey has it been.

We are currently trying to revamp and update the current design model.

thank you
-- group 1