

UI/UX PORTFOLIO

Tuan Bui

UI/UX & Service Designer

PDF Portfolio | Updated 2024/08

I am passionate about making transforming software products that can change the way people live, work, and interact with the world around them.

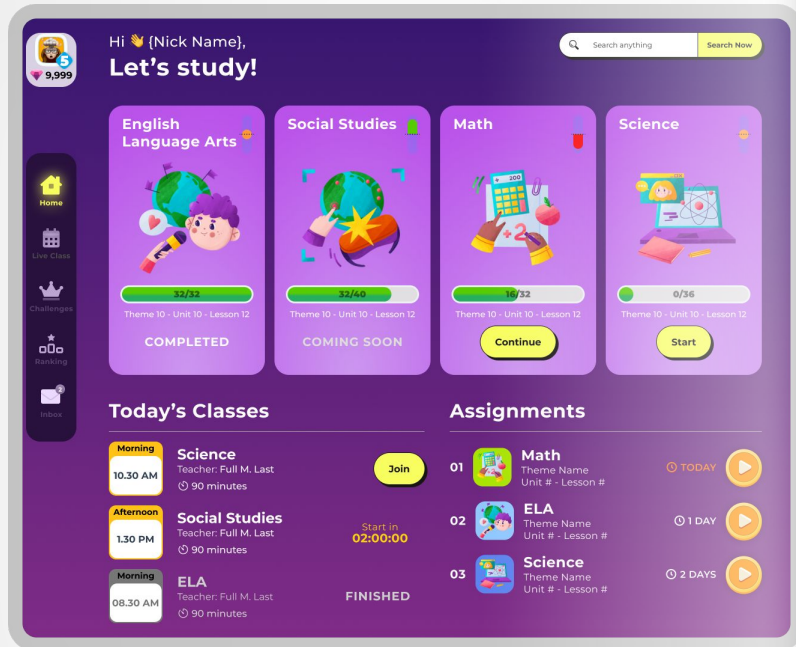
For me, software development is not just a job or a career path, but a creative outlet that allows me to bring my ideas to life.

The process of designing and building software is both challenging and rewarding. It requires a deep understanding of user needs and an ability to translate those needs into elegant, intuitive interfaces and workflows. It's a perfect balance of number and intuition, of being analytical and emotional. It also involves constant learning and experimentation, as new technologies and techniques emerge and evolve.

But what truly drives my passion for software development is the potential for impact. With the right software product, it's possible to transform entire industries, disrupt traditional business models, and empower individuals and communities in ways that were once unimaginable.

Whether it's building a platform that connects people across the globe, creating a tool that simplifies complex tasks, or developing a system that can automate and optimize business processes, the possibilities are endless. And that sense of possibility is what keeps me excited and engaged in this constantly evolving field.

A Learning Management System Multi-platform App



Our Learning Management System is designed to provide students with a comprehensive and structured learning experience in English language proficiency and STEM education. The biggest challenge in creating a platform like this is to make the UX seamless and intuitive despite covering more quizzes and game logic compared to competitors.

To address this challenge, we have taken an innovative approach to UI design. Our modern colors and in-the-vogue design are intended to attract young learners and make the learning experience more engaging, similar to playing games rather than a simple, boring learning system.

Our app includes interactive learning materials such as videos, quizzes, and games to make learning enjoyable. Structured learning paths provide a clear path for students to follow, and progress tracking and analytics help them monitor their progress and identify areas for improvement.

To further enhance the student experience, our app offers personalized learning recommendations based on student performance and interests. Collaboration tools enable students to connect with other students and teachers to discuss and learn together.

QUIT19:22

SECTION 3 PASSAGE

 AUDIO IS PLAYING

00:59

My family lives in a house. Our house is very nice. It has two bedrooms. We cook and eat in the kitchen. We watch TV in the living room. My favourite room is my bedroom. I like to read books and do my homework in my bedroom.



A

C



ANSWERED 10/30

SECTION 1 10/10 ENDED

SECTION 2 10/10 ENDED

SECTION 3 10/10 ENDED

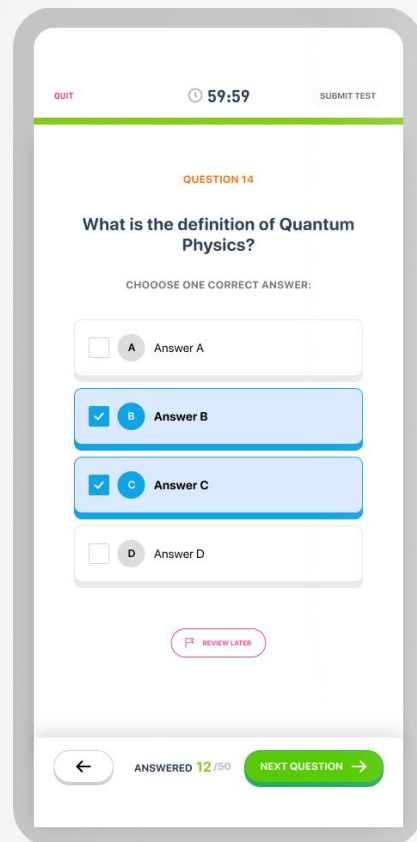
multiple choice, fill-in-the-blank, and essay questions.

We provide a secure test-taking environment with options for timed tests, randomized questions, and anti-cheat measures. Students receive immediate feedback on their performance, with options for automated grading and manual grading.

To further enhance the user experience, our Online Test System platform includes detailed analytics and reporting, allowing teachers to analyze test results and identify areas for improvement. Collaboration tools enable teachers and students to communicate and share feedback on test results.

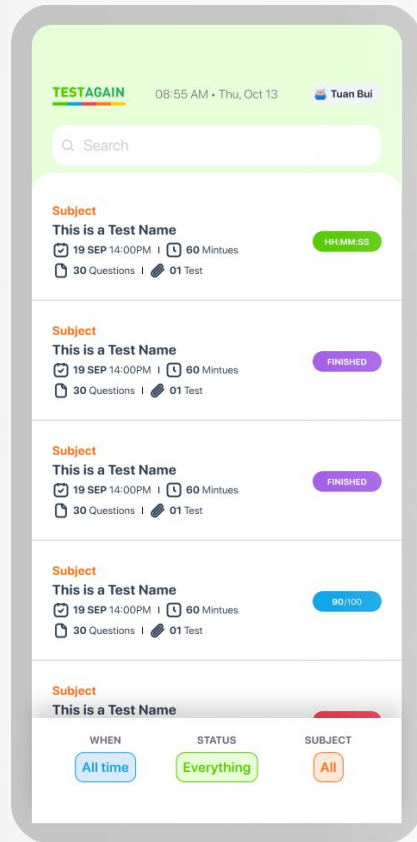
Our platform's color scheme and design elements have been chosen to reduce stress and make the user experience as intuitive as possible. We believe that our Online Test System web app is the most user-friendly and stress-reducing platform on the market, making it the ideal solution for students and teachers alike.

A Test Practice for Student Mobile App



The Test Practice mobile app is the perfect tool for students who want to prepare for exams and improve their test-taking skills. With this app, students can access a vast test bank that includes practice questions and tests for a wide range of subjects and topics. The test bank is regularly updated with the latest questions and tests to ensure that students are always practicing with the most current materials.

One of the most exciting features of the Test Practice app is the live test event. This feature allows students to take a practice test with other students in real-time, providing a simulated test-taking experience. Students can see how their performance compares to their peers and get a sense of what to expect on test day.



The app also includes personalized study plans to help students focus their efforts on areas where they need the most improvement. The study plans are customized to each student's specific needs and goals, taking into account their performance on previous tests and their overall progress.

In addition to the test bank and live test event, the Test Practice app also provides detailed analytics and feedback to help students track their progress and identify areas where they need to improve. This feedback includes performance metrics such as time taken to complete a test, accuracy, and areas of strength and weakness.

Overall, the Test Practice mobile app is an essential tool for any student looking to improve their test-taking skills and achieve better results on exams. With a comprehensive test bank, live test events, personalized study plans, and detailed feedback, this app provides everything a student needs to succeed.

A Content Management System Web App

The screenshot displays the 'Create new test' interface of the CMS web app. The top navigation bar includes 'Home', 'Test Bank', and 'Create new test'. The main content area is divided into three panels:

- Left Panel (General Information & Test Settings):**
 - Name of Test:** ID: 019287931
 - General Information:** A green checkmark indicates completion.
 - Test Settings:**
 - Durations:** Options for 'Total Durations' and 'By each Section' (selected). Total Duration is 115 minutes.
 - Section 1:** Hour: 00, Minute: 55
 - Section 2:** Hour: 01, Minute: 00
 - Back to previous Section:** Toggle switch is turned on.
 - Randomize Questions:** Options for 'Yes, shuffle question.' and 'No, keep the structure.' (selected).
- Center Panel (Section 1 starts):**
 - Untitled Section:** Type a Section description (not required).
 - Question 1:** ID: 019287931, 'Level of Question' dropdown, question text 'What is the animal in the picture?', Marking: Number, Type: Number, Mark: 10.
 - Question 2:** ID: 019287931, 'Level of Question' dropdown, question text 'Quantum mechanics is a fundamental theory in physics that provides a description of the physical properties of nature at the scale of _____ and subatomic particles.', Marking: Number, Type: Number, Mark: 10.
- Right Panel (Publish & Grading & Marking Setting):**
 - Publish:** Toggle switch is turned on.
 - Grading & Marking Setting:**
 - Mark Type:** Number & Rubric
 - Mark Scale:** 100, **Marking Method:** Automatic
 - Total mark:** 60
 - Add new question:** Includes a 'Browse Question Bank' button and a 'Select Question ID' dropdown.
 - Adding to:** Section 1, Total Number of Questions: 3, Types: 3
 - Add new section:** Includes a 'Select a section name' dropdown.
 - Total Number of Sections:** 2, Section 1: 3 Questions, Section 2: 3 Questions

A Content Management System (CMS) webapp designed for teachers provides a centralized platform for managing various aspects of their teaching, including question banks, test banks, and test events. With this webapp, teachers can easily create, organize, and manage their content, streamlining the process of preparing and administering tests. UI/UX analysis and auditing were conducted with clear prioritization of features and users' needs.

The question bank allows teachers to create and store questions for various subjects and topics. They can categorize

< Back to Groups

Candidate Full Name 12038120

Start dd/mm/yyyy hh:mm:ss **End** dd/mm/yyyy hh:mm:ss

Examiner examinerusername **Inspector** inspectorusername

[more](#)

Section 1 starts

> Section 1

Section 1 ends

Section 2 starts

▼ **Untitled Section**

Type a Section description (not required)

ID: 019287931

▼ Q4

Choose a correct answer.

Correct answer



C

Answer C

Marked Questions 90/100 Current Score 60/100

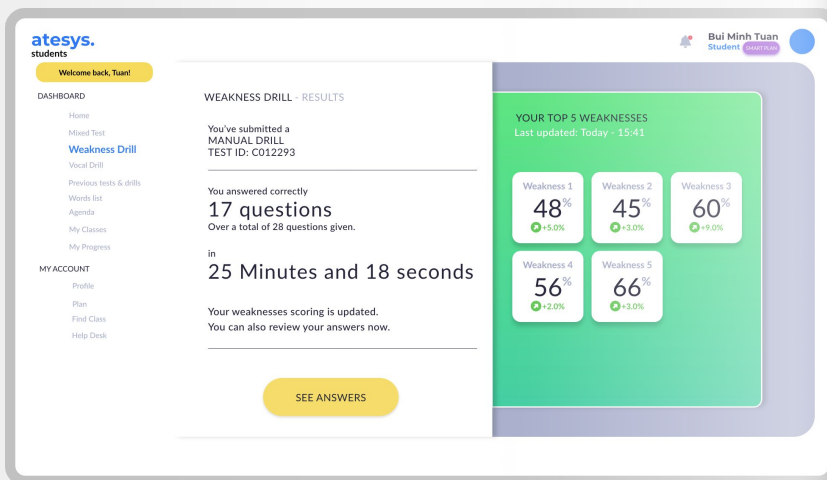
questions by topic, difficulty level, or other criteria, making it easy to find and use the right questions for their tests.

Teachers can also import questions from external sources or export them for use in other systems.

The test bank feature allows teachers to create and store different types of tests, including multiple-choice, short answer, and essay questions. They can specify the number of questions and the time limit for each test, as well as assign different weights to different questions or sections. With the test bank, teachers can easily create customized tests for different classes or students.

The test event feature allows teachers to schedule tests for specific classes or groups of students. They can set the date, time, and duration of each test event, as well as specify which tests are to be administered. The system can automatically generate unique test links for each student or group, ensuring that each student takes the right test at the right time.

A Smart Language Test-Prep Multi-platform App



A Smart Language Test-Prep web app is a software tool designed to help individuals prepare for a language proficiency test, such as TOEFL, IELTS, or JLPT. The web app would be accessible via a web browser and would provide a user-friendly interface that allows users to practice their language skills using a variety of test questions.

The web app would feature a weakness drill system that identifies the user's weakest areas of language proficiency and provides targeted practice questions to help them improve. The system would use machine learning algorithms to analyze the user's performance and adapt the practice questions accordingly.



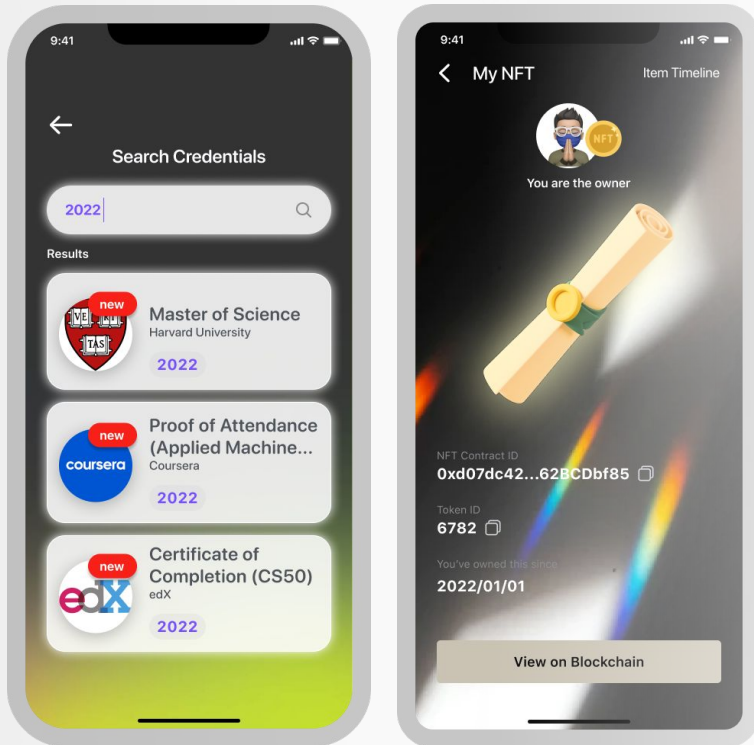
In addition, the web app would feature an interleaving system that presents users with practice questions from different areas of language proficiency in a randomized order. This approach helps users better retain the information and avoid the "blocking" effect that can occur when studying one topic for an extended period.

The web app would also utilize a spaced repetition system that schedules practice questions at optimal intervals to maximize retention and minimize forgetting. The system would use algorithms to determine the optimal intervals based on the user's performance and adjust the schedule accordingly.

Users would be able to track their progress through the web app and receive feedback on their performance. The web app would also provide recommendations for additional study materials based on the user's performance and areas of weakness.

A Blockchain Learning Record and Credential System

Multi-platform App



A solution for anyone (a student, a job seeker, or a professional) looking to securely and conveniently store and verify their educational credentials on the blockchain.

With our app, you can easily create, manage, and share your educational certificates and records with anyone, anywhere in the world. Our app leverages the power of blockchain technology to ensure that your educational credentials are tamper-proof, immutable, and easily verifiable.

Here are just a few features of our app:

- Securely store all of your educational certificates and records in one place, accessible from anywhere in the world.
- Easily share your educational credentials with employers, educational institutions, or anyone else who needs to verify your qualifications.
- Leverage the power of blockchain technology to ensure that your credentials are tamper-proof and immutable.
- Stay up-to-date with the latest developments in blockchain technology and learn how it can be applied to education.
- Connect with other users of our app to share knowledge, collaborate on projects, and network with other blockchain enthusiasts.

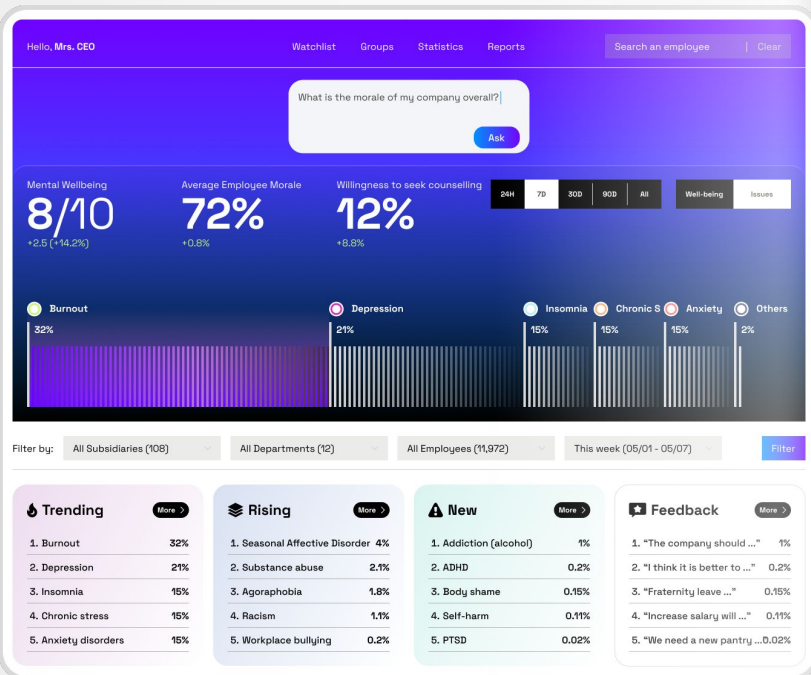
Enterprise Mental Health Dashboard

Multi-platform App

An Enterprise Mental Health Dashboard webapp would be a software tool designed to provide organizations with insights and metrics related to the mental health and well-being of their employees. The webapp would be accessible via a web browser and would provide a user-friendly interface that allows organizations to track key metrics related to employee mental health, such as stress levels, burnout, and engagement.

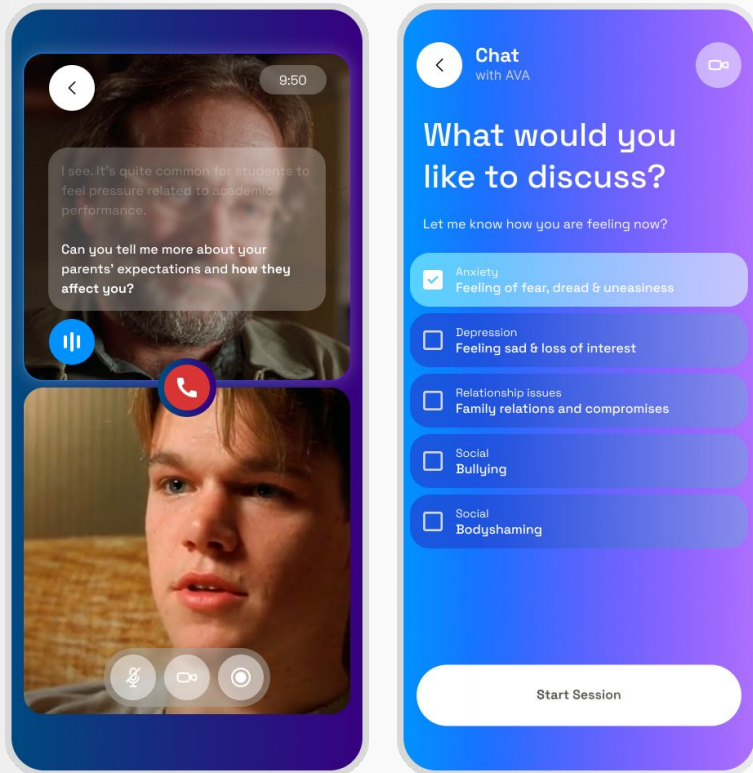
The dashboard would be designed to aggregate data from various sources, including surveys, performance data, and other employee feedback mechanisms. The data would be analyzed and presented in a way that allows organizations to identify trends and potential issues related to employee mental health.

The webapp would also provide recommendations and resources to help organizations address any issues that are identified. For example, the dashboard could suggest training programs, mental health resources, or other interventions that can help address specific issues.



A Mental Journal and AI Therapist

Mobile App



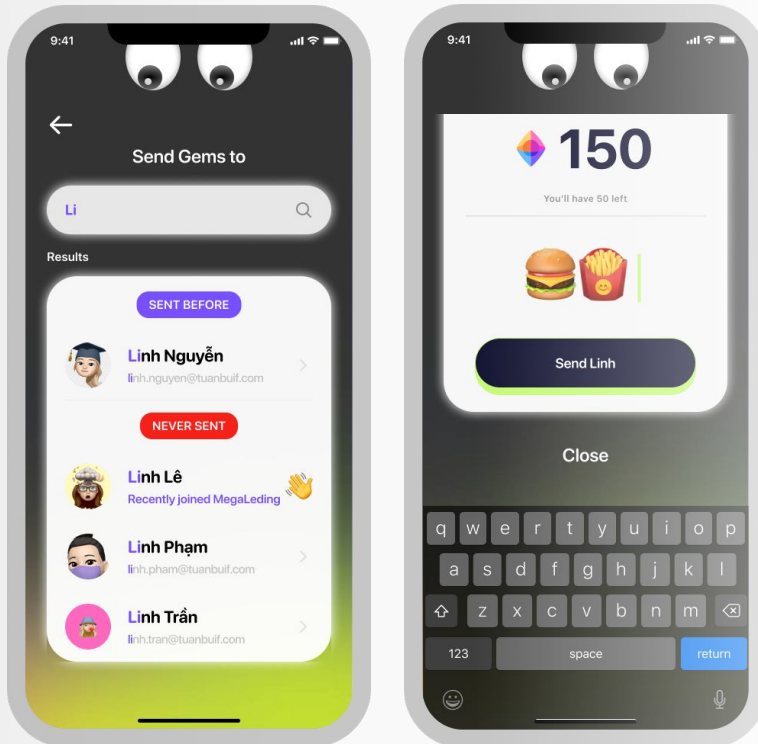
Optimal solution for anyone looking to improve their mental health and well-being through the power of journaling and AI-driven therapy.

With our app, you can easily create and maintain a daily journal to track your thoughts, emotions, and experiences. Our app also includes an AI-driven therapist powered by ChatGPT, which can offer personalized mental health support and guidance based on your journal entries.

Here are just a few features of our Mental Journal and AI Therapist mobile app:

- Easily create and maintain a daily journal to track your thoughts, emotions, and experiences.
- Receive personalized mental health support and guidance from our AI-driven therapist powered by ChatGPT.
- Access a wide range of mental health resources, including articles, videos, and exercises, to help you manage stress and anxiety.
- Connect with other users of our app to share experiences, support each other, and build a community of like-minded individuals.
- Leverage the power of AI technology to get personalized mental health support at any time, from anywhere in the world.

A P2P Crypto Lending Multi-platform App



Anyone looking to borrow or lend cryptocurrency in a secure and decentralized manner can find this platform both easy to use and engaging.

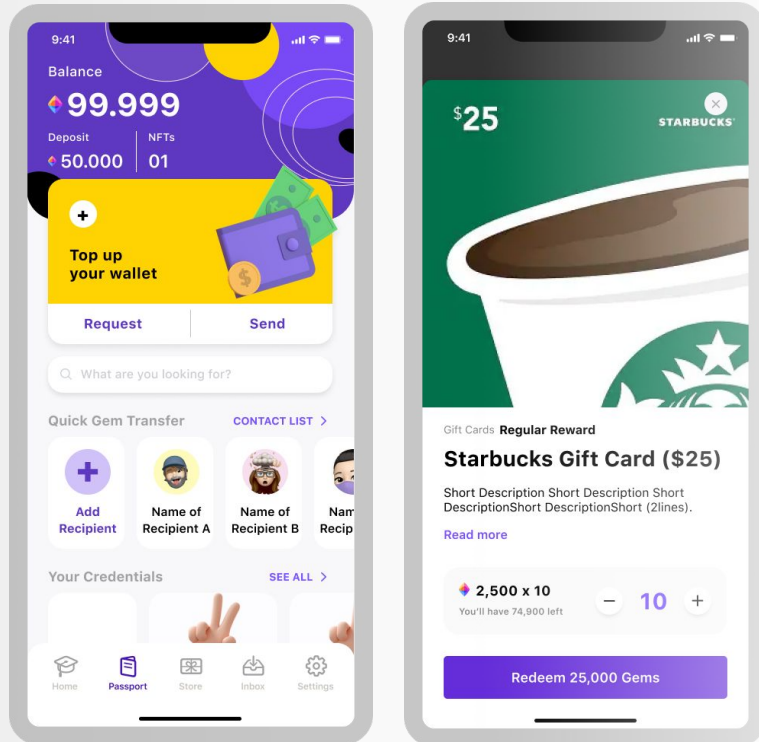
With our platform, borrowers can easily access funds without the need for traditional financial institutions, and lenders can earn attractive returns on their cryptocurrency holdings. Our platform leverages the power of blockchain technology to ensure that all transactions are secure, transparent, and tamper-proof.

Here are just a few features of our P2P Crypto Lending platform:

- Borrow cryptocurrency quickly and easily, without the need for credit checks or complex application processes.
- Lend cryptocurrency and earn attractive returns on your holdings, with flexible terms and low fees.
- Enjoy complete control over your funds at all times, with no middlemen involved in the lending process.
- Leverage the power of blockchain technology to ensure that all transactions are secure, transparent, and tamper-proof.
- Connect with other users of our platform to share knowledge, collaborate on projects, and network with other cryptocurrency enthusiasts.

A Royalty Rewards Mobile App

Mobile App



Looking to easily redeem their loyalty rewards points and earn exciting rewards from their favorite stores and brands, this is a standard users experience. The placement of information follow the industry standard however colors were adapted to fit with the brand identity.

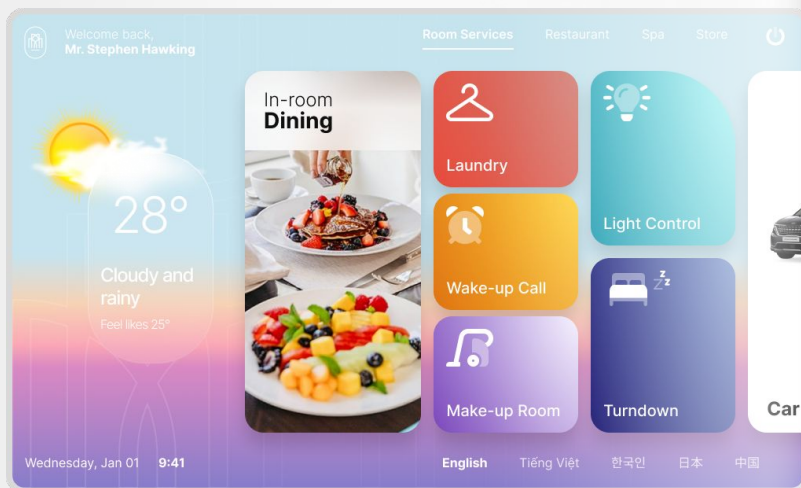
With our app, you can easily view your rewards points balance, browse through a vast selection of rewards, and redeem your points for exciting prizes and discounts. Our app makes it easy to keep track of your rewards points and ensure that you never miss out on an opportunity to earn exciting rewards.

Here are just a few features of our app:

- Browse through a vast selection of rewards, including discounts, free products, and exciting experiences.
- Redeem your rewards points instantly from your favorite stores and brands, without the need for physical cards or coupons.
- Stay up-to-date with the latest promotions and offers from your favorite stores and brands, so you never miss out on an opportunity to earn rewards.
- Connect with other users of our app to share tips and tricks on how to earn and redeem rewards.

A Smart Hotel Room

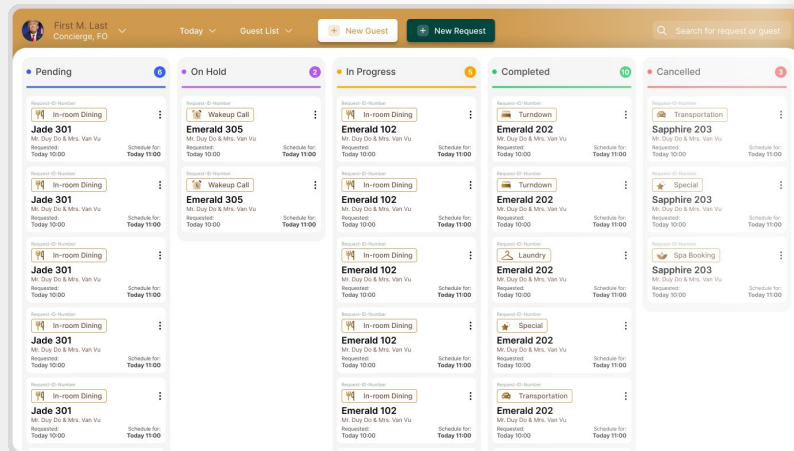
Tablet and TV App



An ultimate solution for in-house guests looking for a seamless and luxurious hotel experience. Our app provides guests with complete control over their hotel room environment, as well as easy access to hotel services and local travel advice.

With our app, guests can easily control the lighting, air conditioning, and curtains in their rooms, creating the perfect atmosphere for relaxation or work. In addition, guests can easily order in-room services, schedule car services, book restaurant reservations, and book spa appointments. Our app also includes a curated list of local travel advice, including popular tourist destinations, transportation options, and dining recommendations.

A Task Management for Hotel Web App



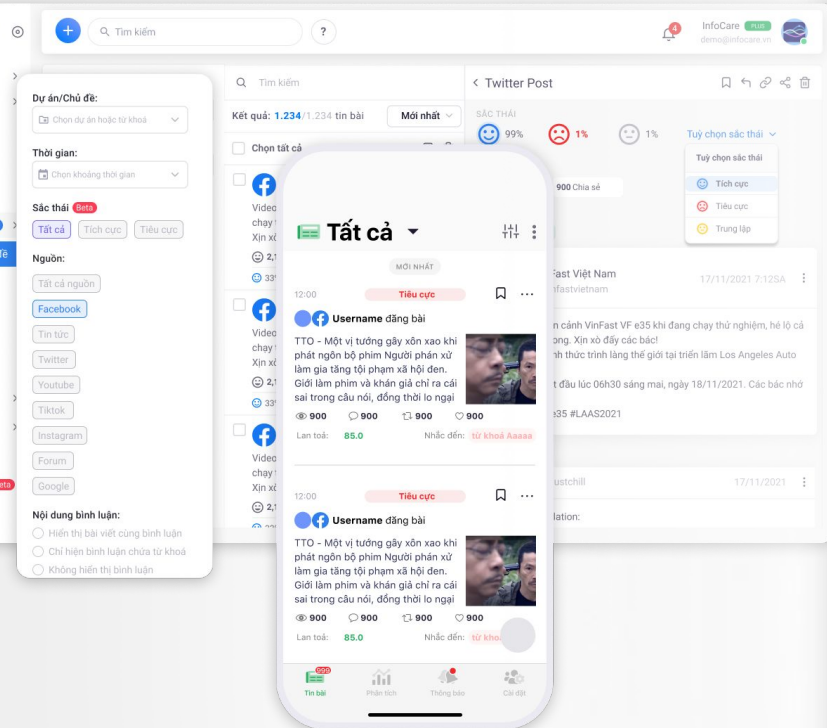
An ultimate solution for hotels looking to streamline their internal operations and provide exceptional customer service.

With our app, hotel staff can easily receive orders and requests from in-house guests, assign tasks to different departments, and track the progress of each task. Additionally, our app includes billing features, allowing staff to easily charge guests for services rendered.

Here are just a few features of our Task Management Web App:

- Easy-to-use web interface, allowing staff to easily receive, assign, and track tasks.
- Comprehensive order and task listings, including in-room dining, housekeeping requests, maintenance requests, and more.
- Customizable task assignment options, allowing staff to assign tasks to different departments and team members.
- Real-time task status tracking, allowing staff to track the progress of each task and ensure timely completion.
- Billing features, allowing staff to easily charge guests for services rendered.
- Robust reporting capabilities, allowing staff to analyze task data and identify areas for improvement.
- Secure and streamlined payment processing, allowing staff to easily process guest payments through the app.

A Social Listening Platform Web App



A social listening webapp is a software tool designed to help individuals, brands or organizations monitor and analyze conversations and trends on social media platforms. The webapp would be accessible via a web browser and would provide a user-friendly interface that allows users to track mentions of specific keywords, hashtags, or brand names across various social media channels.

The webapp would use advanced algorithms to analyze the data collected from social media platforms and provide insights into the sentiment, demographics, and locations of the conversations. Users would be able to visualize this data through charts, graphs, and other visualizations to help them understand the trends and patterns in the data.

The social listening webapp would also provide features for engagement, allowing users to respond to comments and engage with their audience on social media in real-time. Additionally, the webapp could provide features for social media management, such as scheduling posts and monitoring engagement metrics.



Think, Research,
Discover, Inspire

Tuan Bui

www.tuanbui.com

tuan.buif@gmail.com

+84.91.525.3988