BAC HA SOFTWARE

A BRICK TO BUILD YOUR GOALS

Top Software Company In Vietnam

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ABOUT BHSOFT

ABOUT BHSOFT

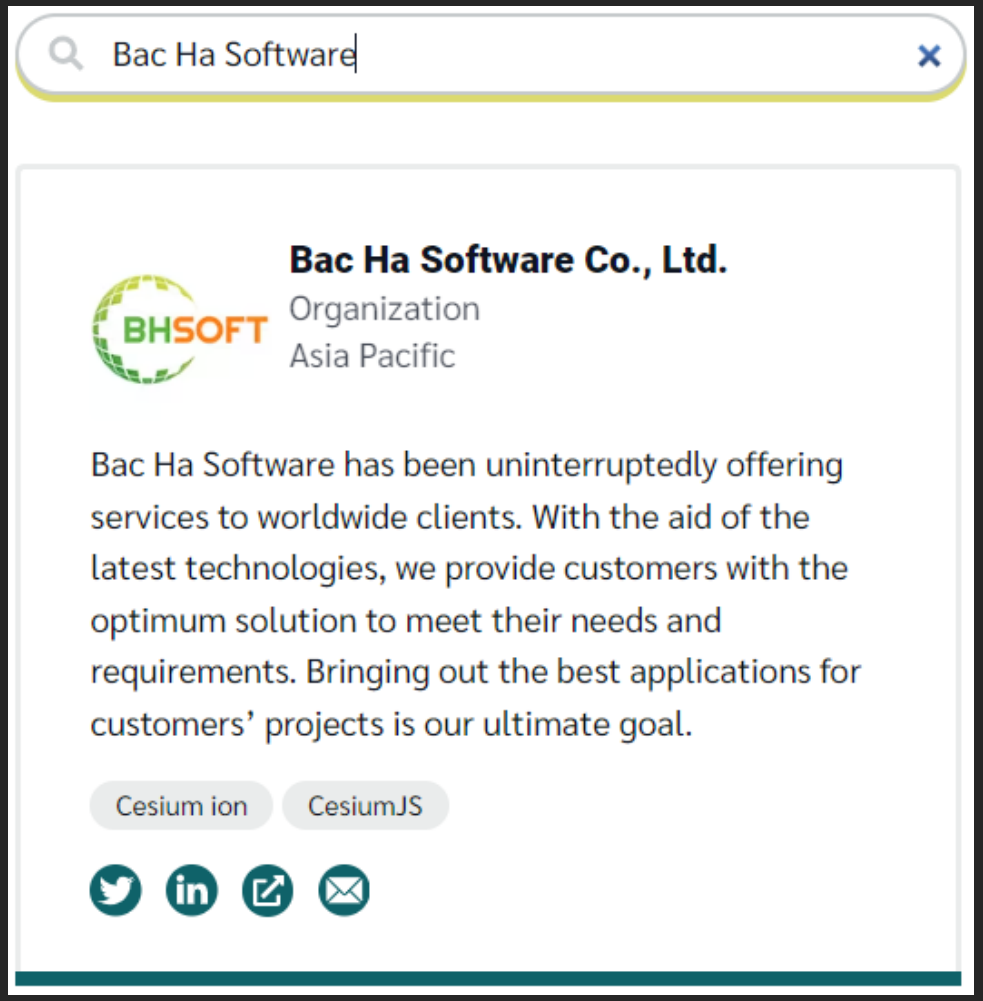
Our Story & Awards

Bac Ha Software Co., Ltd. (BHSoft) is a dynamic and fast-moving company in software development and information technology in Vietnam. BHSoft is one of the subsidiaries of BHTech and focuses on software development services. Established in 2014, BHSoft has grown to serve clients globally, earning numerous awards and international recognition in the industry.

We proudly provide the optimum solution that always meets customers' needs and applies latest technologies on customer's projects to make them the best applications.

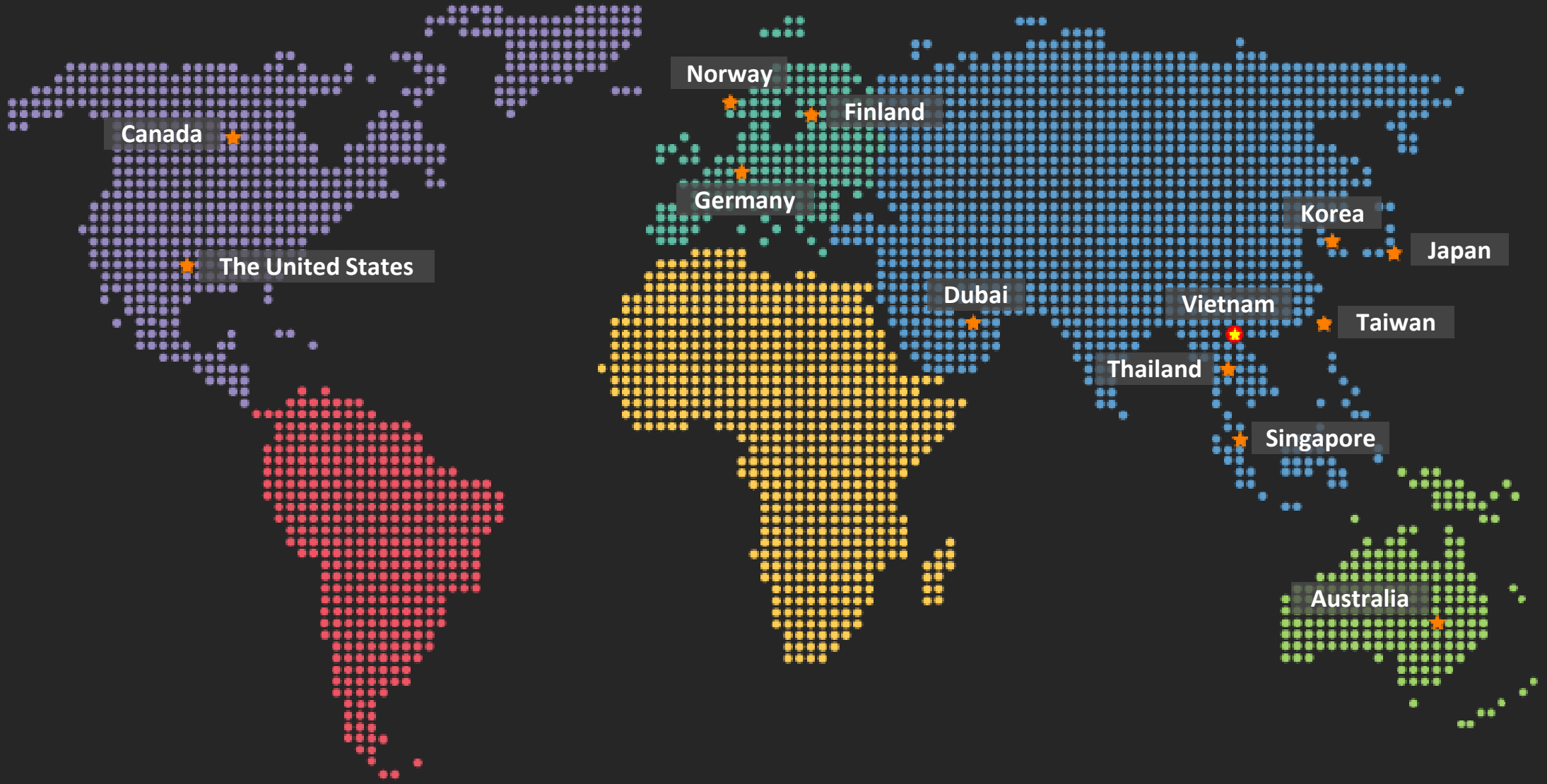
ABOUT BHSOFT

Bac Ha Software is a Certified Cesium Developers



ABOUT BHSOFT

Our Clients



OUR TECHNOLOGIES

OUR TECHNOLOGIES

Competences

OUR TECHNOLOGIES

Education Software Development Expertise

At BHSoft, we are at the forefront of transforming learning management systems (LMS). By leveraging advanced technology, we streamline educational processes and enhance learning efficiency. Our solutions are meticulously crafted to optimize every aspect of the educational lifecycle, empowering institutions to deliver, manage, and track learning seamlessly.

Our comprehensive capabilities include:

- Customizable Learning Platforms
- Integration with HR Systems for Corporate Training
- Advanced Analytics and Reporting
- Course & Resource Management

Development Technologies

Back-End

- Python
- Node.js
- NestJS
- PHP
- .NET Core

Front-End

- React
- Angular
- Next.js
- Vue.js
- TypeScript

Mobile

- React Native
- Redux

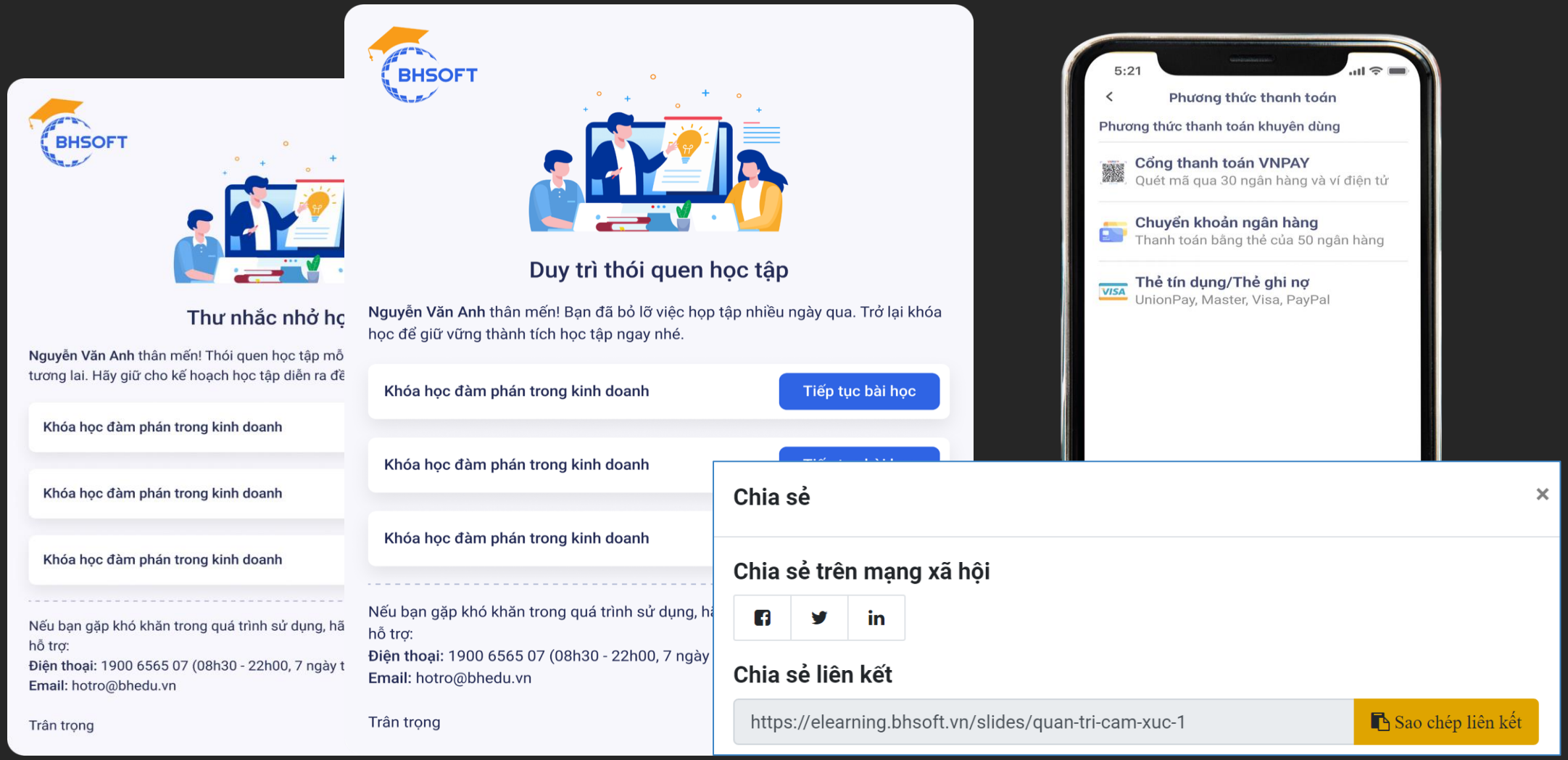
Database

- PostgreSQL
- SQL Server
- MySQL

EDUCATION SOFTWARE DEVELOPMENT PROJECTS

EDUCATION SOFTWARE DEVELOPMENT PROJECTS

Odoo E-Learning



EDUCATION SOFTWARE DEVELOPMENT PROJECTS

Odoo E-Learning

- **Client**: Vietnam
- **Time**: 09/2022 - 04/2023
- **Man-month**: 8
- **Communication channels**: Slack
- **Description**: Odoo E-Learning – a LMS to enable Community learning, share knowledge, and inspire others. BHSoft customized existing features and add interesting ones tailor made for Vietnamese businesses and organizations operating in the field of training and education.

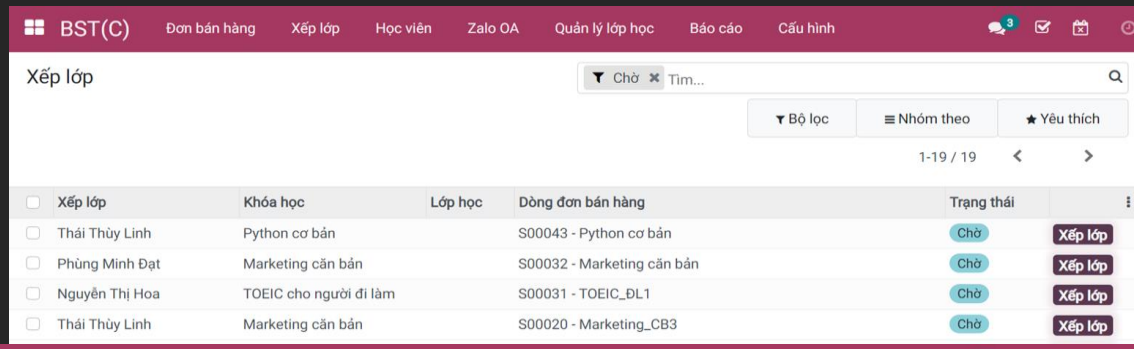
Technologies used:

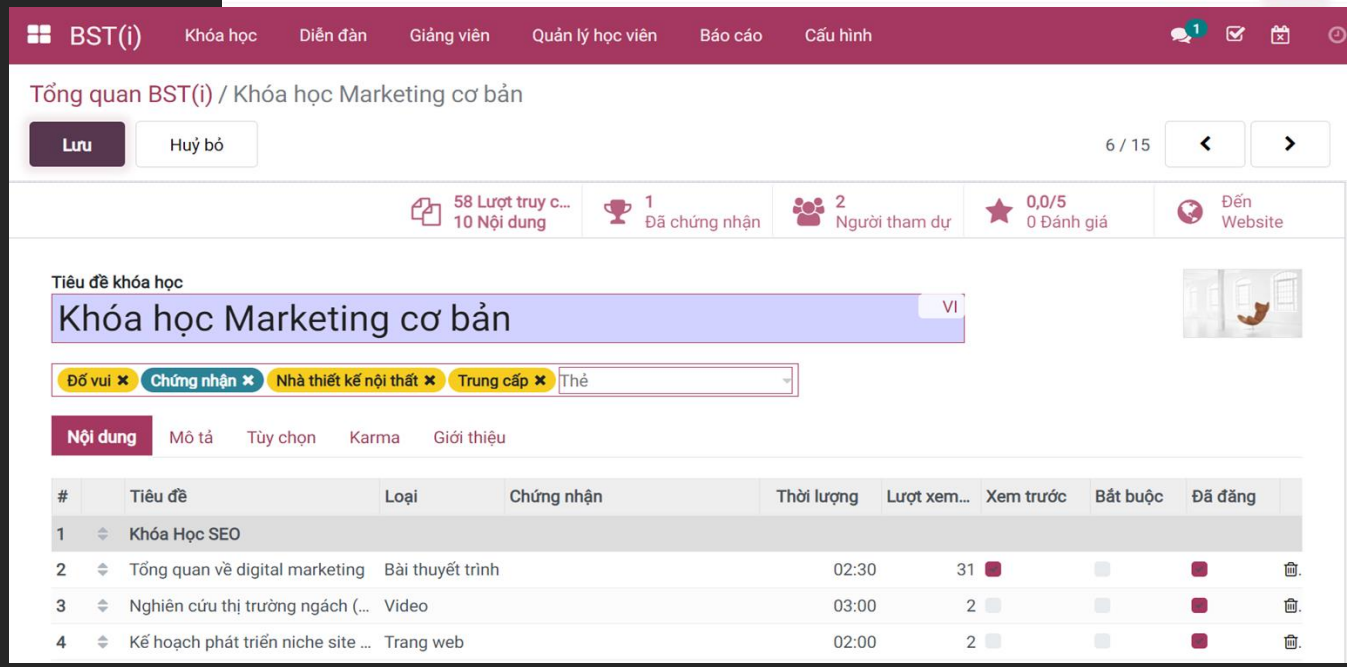
- Front-end: JavaScript, XML, CSS (Bootstrap)
- Back-end: Odoo (Python)
- Database: PostgreSQL

EDUCATION SOFTWARE DEVELOPMENT PROJECTS

Odoo E-Learning

- **Main features:**
  - Easy-to-use, intuitive, and user-friendly design for managing courses with all detailed information, including:
    - + Content management.
    - + Assessment management
    - + Certificate management.
    - + Lecturer management.
    - + Student management.
    - + Enrollment setting.
  - Keep track of all equipment and facilities.
  - Integrate digital payment methods.
  - Share course in social networks.
  - View detailed and general reports.

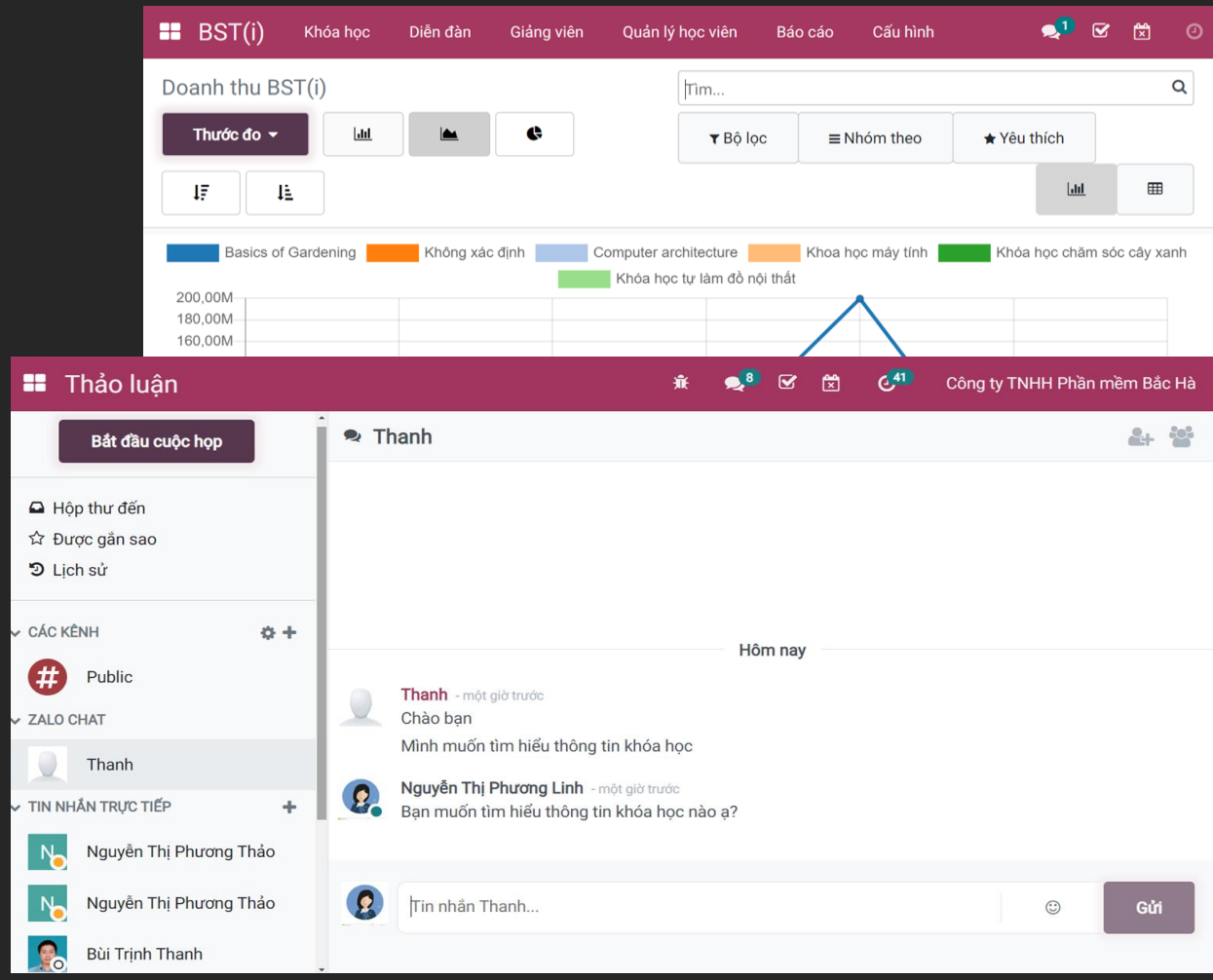




EDUCATION SOFTWARE DEVELOPMENT PROJECTS

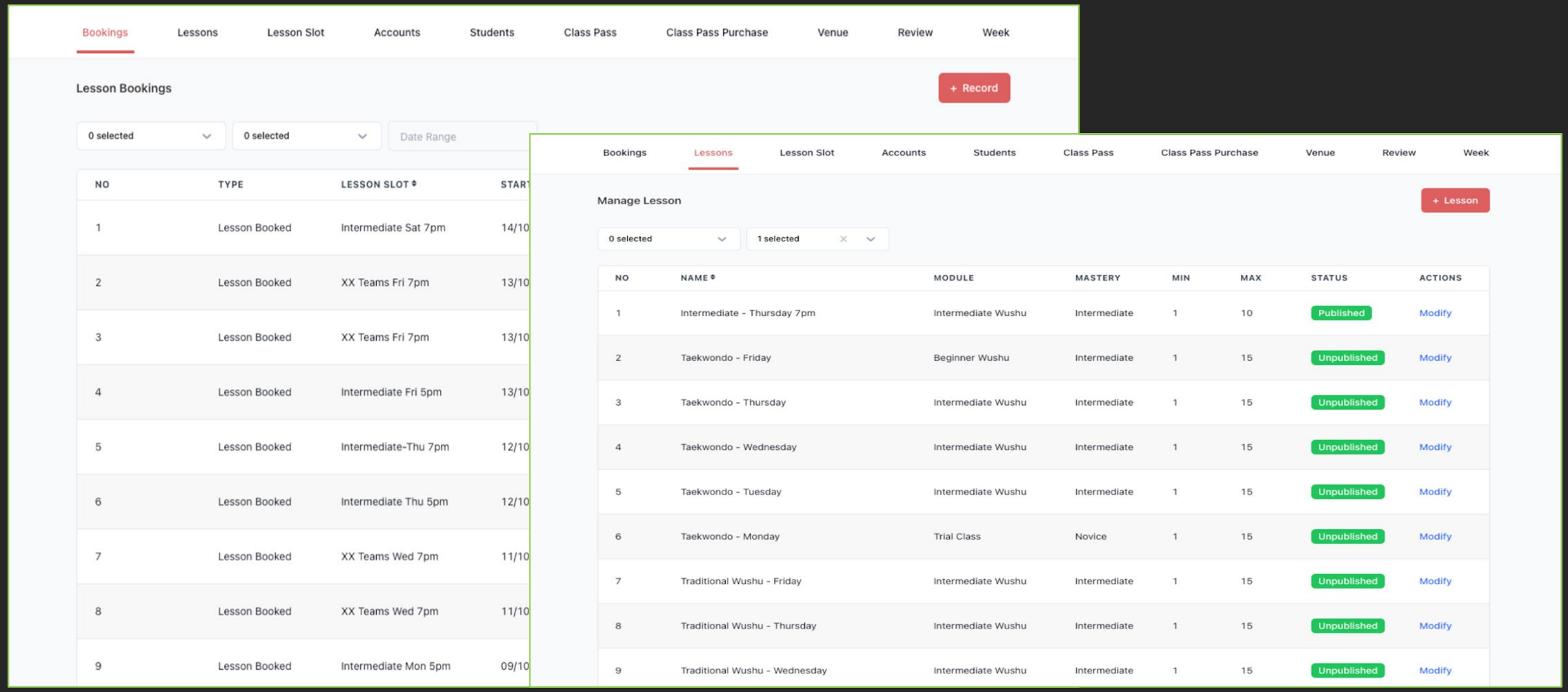
Odoo E-Learning

- **Main features:**
  - Display progress indicators showing completed lessons, quizzes, and overall course completion status.
  - Enable learners to participate in discussions and collaborate with peers and instructors.
  - Receive notifications and reminders about upcoming assignments, deadlines, etc.
  - Manage revenue information, sales orders, students, course content, website content, course code information management.



EDUCATION SOFTWARE DEVELOPMENT PROJECTS

Martial Art Learning Management System



EDUCATION SOFTWARE DEVELOPMENT PROJECTS

Martial Art Learning Management System

- **Client**: Singapore
- **Time**: 07/2023-11/2023
- **Man-month**: 6
- **Communication channels**: Discord
- **Description**: A specialized digital platform designed to manage, organize, and share information related to martial arts. It helps martial arts organizations, training centers, and individuals easily manage content related to schedules, training, events, instructional videos, and martial arts materials.

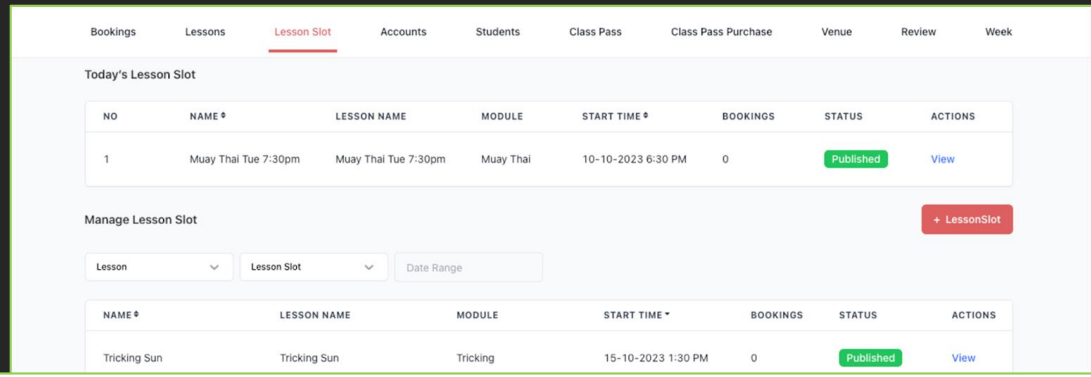
Technologies used:

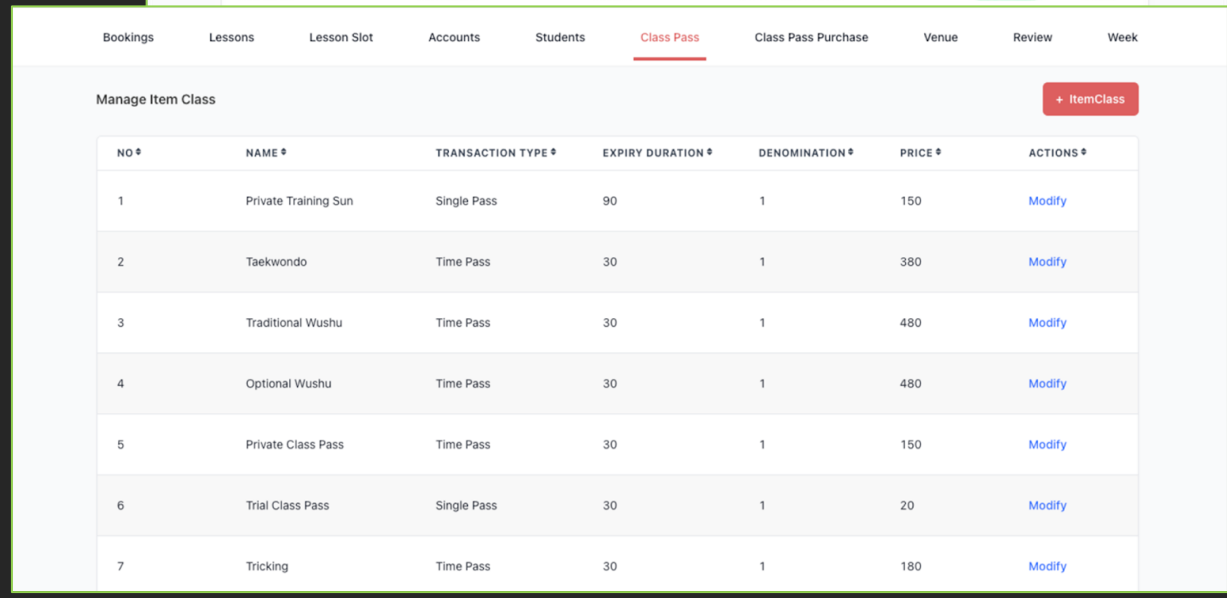
- Front-end: TypeScript, React
- Back-end: NestJS
- Database: MySQL

EDUCATION SOFTWARE DEVELOPMENT PROJECTS

Martial Art Learning Management System

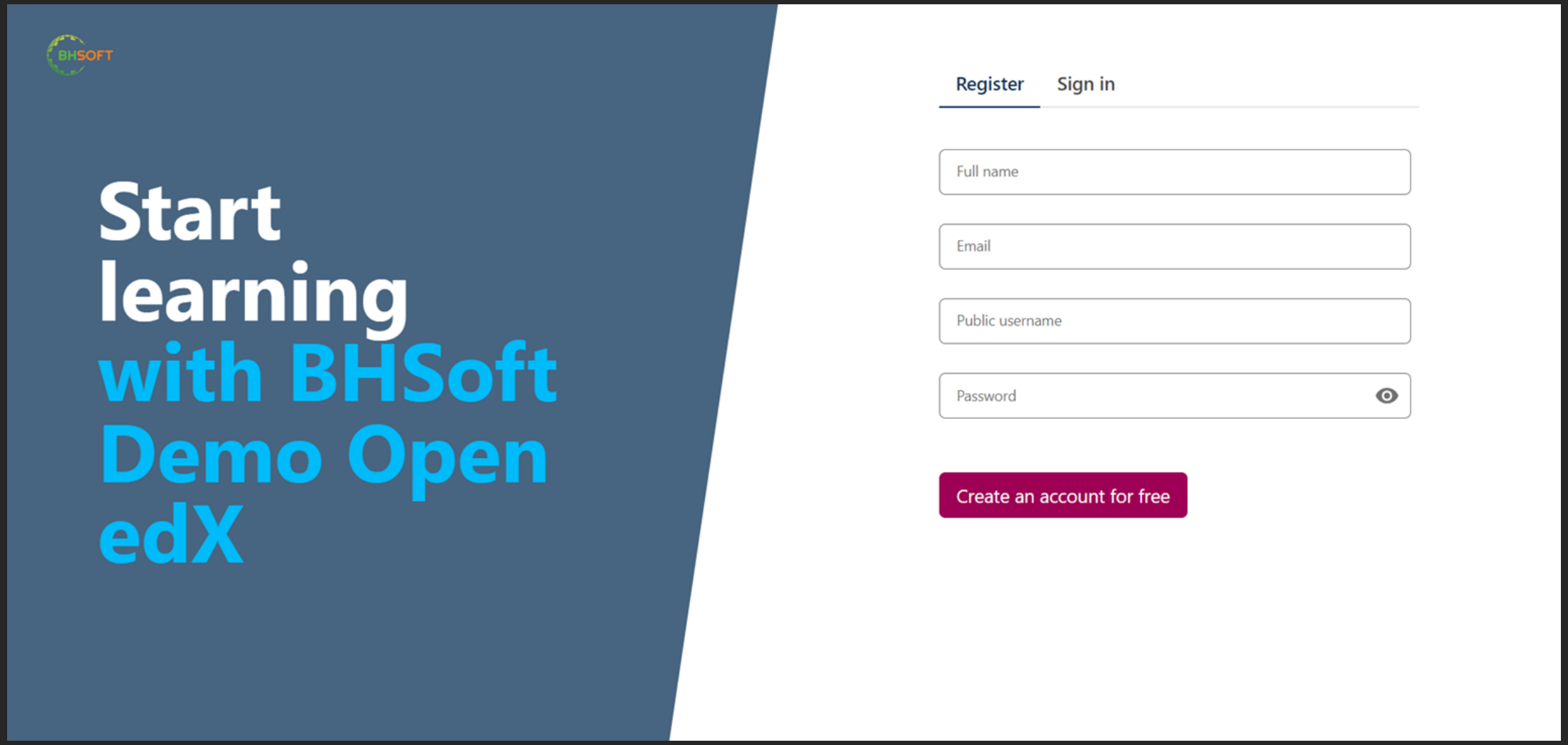
- **Main features:**
  - Allow learners to schedule and book lessons, classes, appointments with service providers.
  - Allow service providers to organize, and manage lessons or classes.
  - Allow users to plan, organize, and manage weekly activities and appointments.
  - Allow service providers to manage and allocate available time slots for lessons, appointments, or services.
  - Allow service providers to categorize and manage their service offerings.





EDUCATION SOFTWARE DEVELOPMENT PROJECTS

BHSoft's Demo - Open edX



EDUCATION SOFTWARE DEVELOPMENT PROJECTS

BHSoft's Demo - Open edX

- **Client**: Vietnam
- **Time**: 03/2024-08/2024
- **Man-month**: 5
- **Communication channels**: Slack
- **Description**: A demo of Open edX by BHSoft - a robust open-source platform for hosting online courses and MOOCs (Massive Open Online Courses). It provides educators with advanced tools to develop interactive and engaging content, while allowing students flexible access to courses via mobile, tablet, or desktop devices.

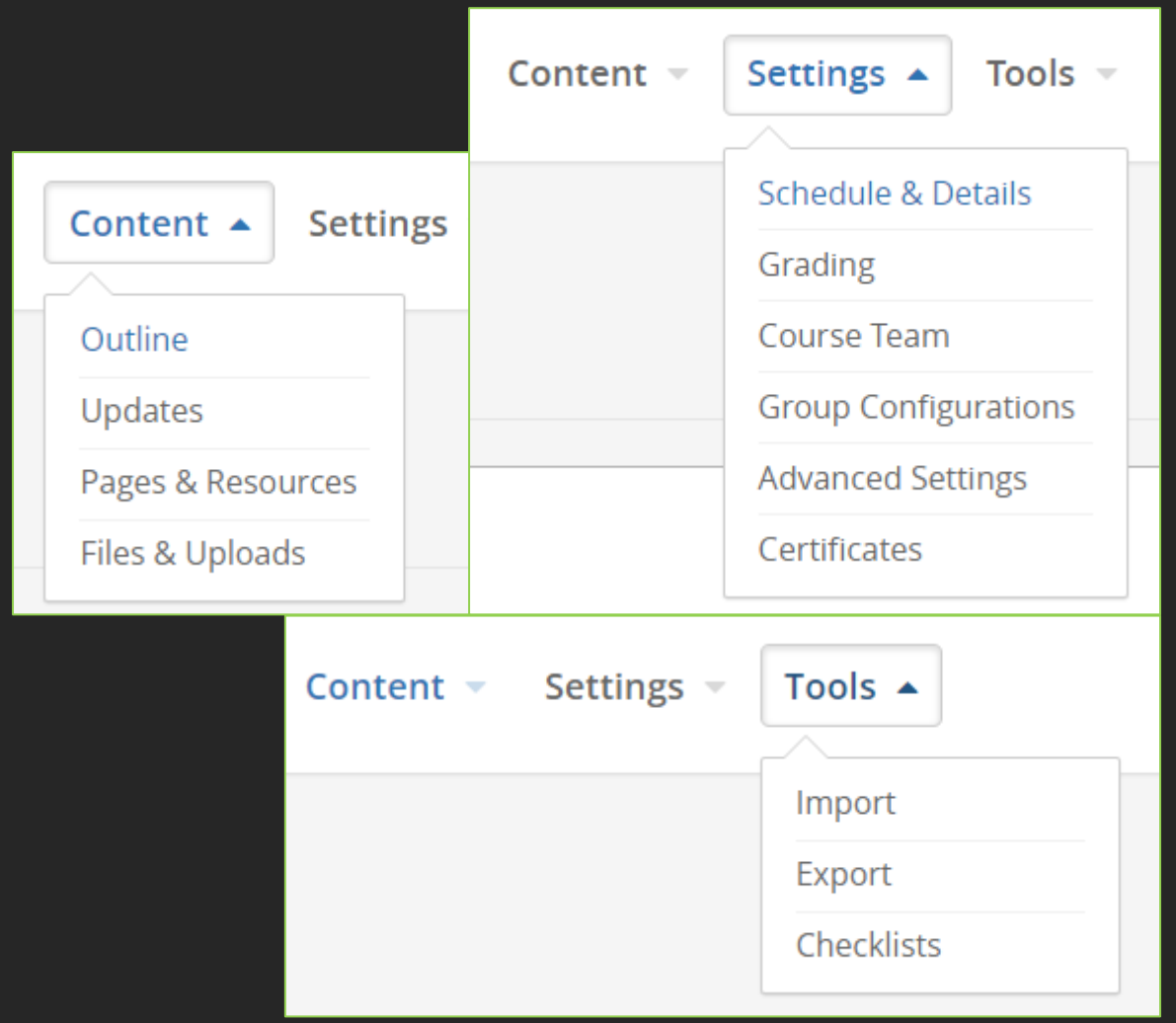
Technologies used:

- Open edX
  + Front-end: JavaScript, React
  + Back-end: Python

EDUCATION SOFTWARE DEVELOPMENT PROJECTS

BHSoft's Demo - Open edX

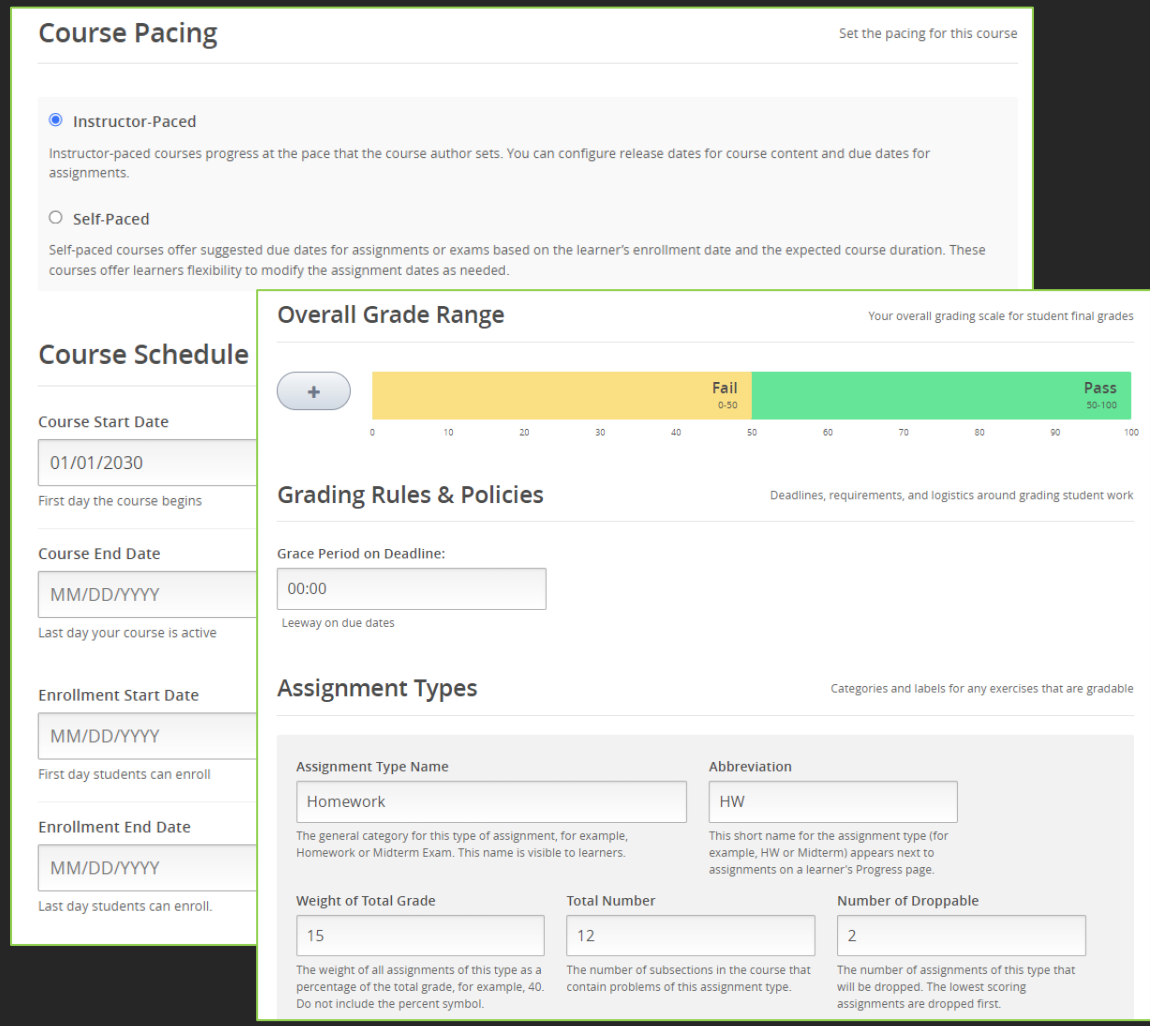
- **Main features:**
  - Role-based access – Permissions are assigned based on user roles.
  - Collaboration – multiple course authors can work on creating a course at the same time.
  - Content library – reuse content in multiple courses and create question banks.
  - Course template management – export and import courses and use them as templates.
  - CMS capabilities – ability to publish content outside of courses, for example on your website.
  - Learner analytics – track training progress and completion rates.



EDUCATION SOFTWARE DEVELOPMENT PROJECTS

BHSoft's Demo - Open edX

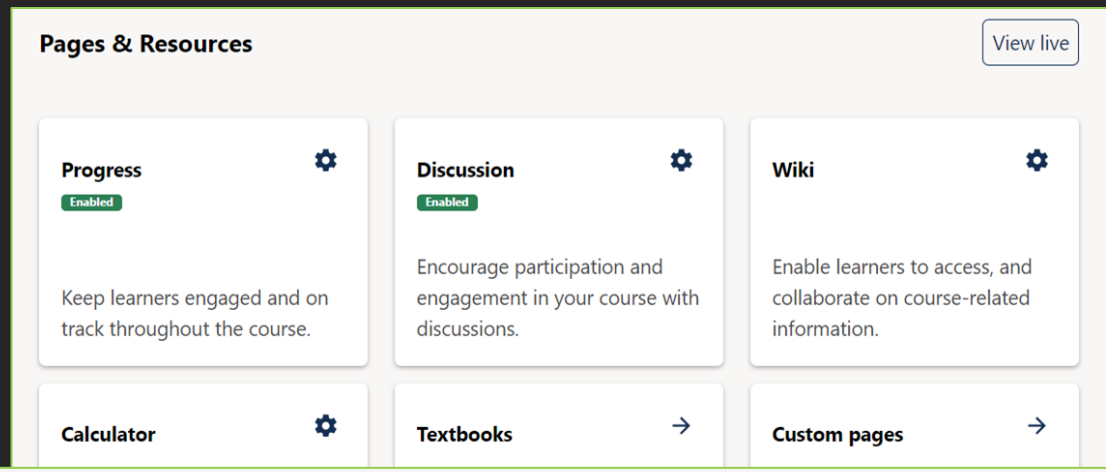
- **Main features:**
  - Content creation tools for building courses with text, images, videos, and interactive elements.
  - Course scheduling and management of course access.
  - Support for course prerequisites and dependencies.
  - Built-in assessment tools such as quizzes, exams, and problem sets.
  - Automated grading and feedback mechanisms.
  - Support for peer grading and discussion-based assessments.

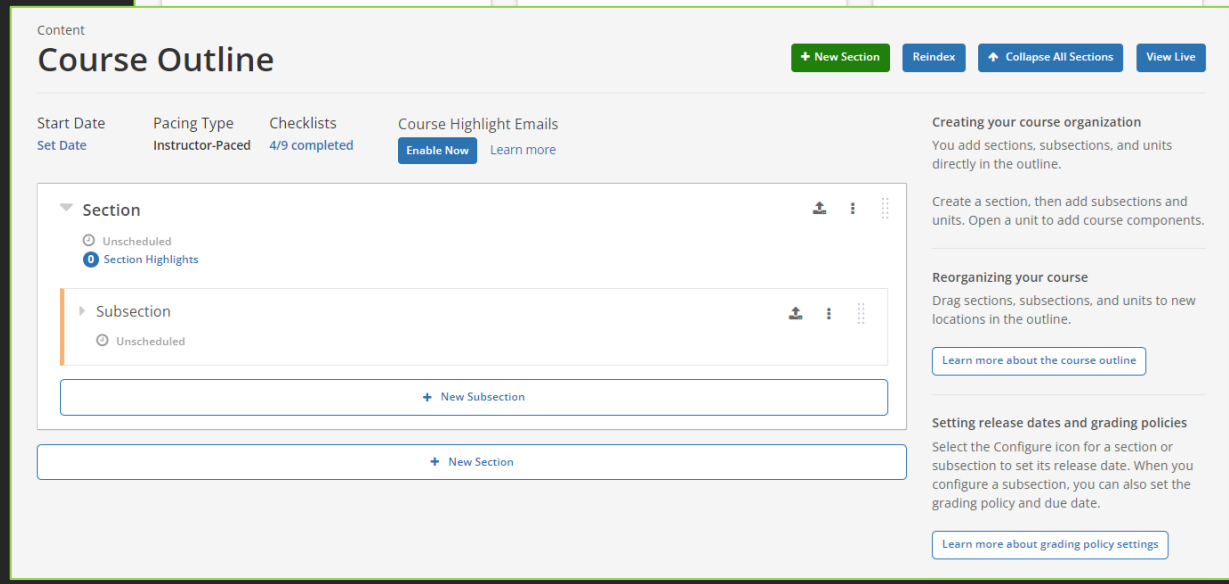


EDUCATION SOFTWARE DEVELOPMENT PROJECTS

BHSoft's Demo - Open edX

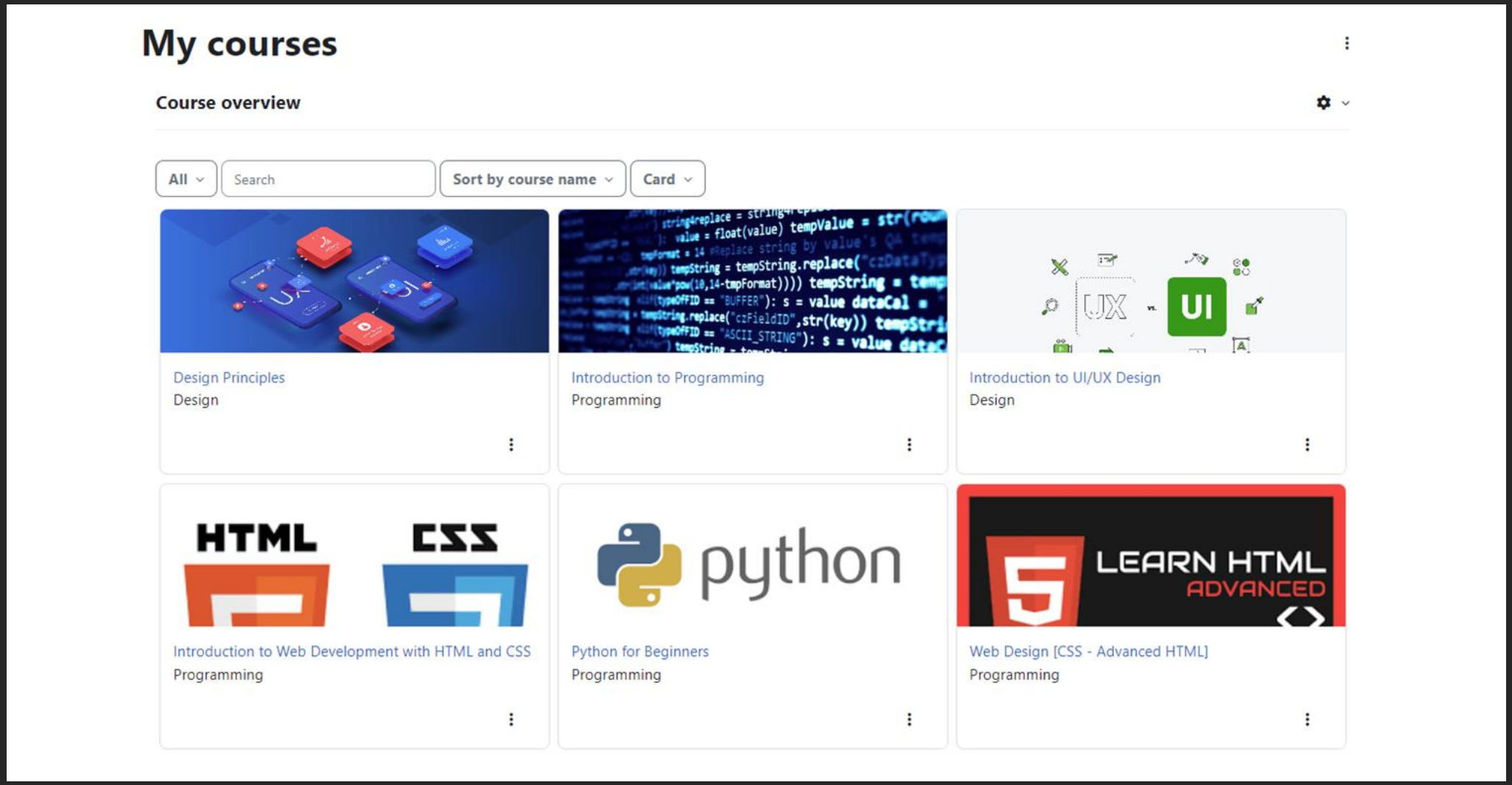
- **Main features:**
  - Create structured content like course syllabi, policies, and introductory materials.
  - Organize pages into units and sections within the course structure.
  - Manage visibility based on learner progress or course requirements.
  - Provide additional resources to enhance learning.
  - Organize resources within the course, ensuring easy access and integration with course content.





EDUCATION SOFTWARE DEVELOPMENT PROJECTS

BHSoft's Demo - Moodle



EDUCATION SOFTWARE DEVELOPMENT PROJECTS

BHSoft's Demo - Moodle

- **Client**: Vietnam
- **Time**: 03/2024-08/2024
- **Man-month**: 5
- **Communication channels**: Slack
- **Description**: A demo of Moodle by BHSoft – a widely used open-source learning management system (LMS) that facilitates online learning and course management. It allows educators to develop interactive content and provides students with flexible access from mobile, tablet, or desktop devices. The platform includes tools for quizzes, assignments, and forums, making it ideal for modern educational needs.

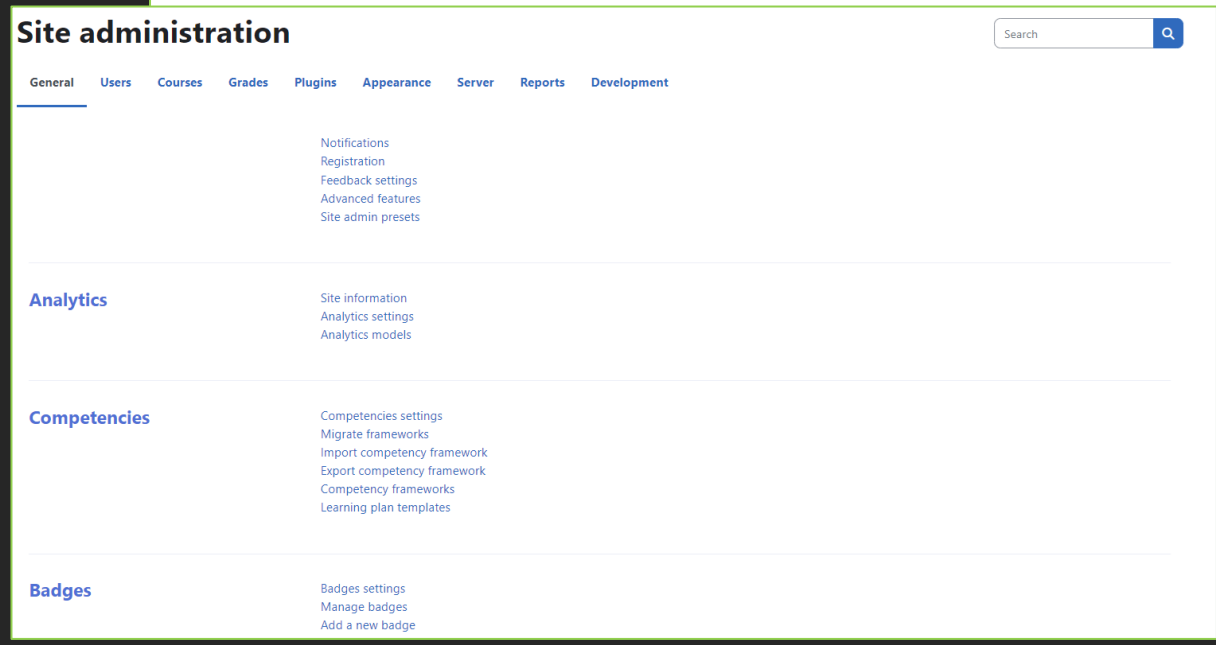
Technologies used:

- Moodle
  - + Front-end: JavaScript
  - + Back-end: PHP

EDUCATION SOFTWARE DEVELOPMENT PROJECTS

BHSoft's Demo - Moodle

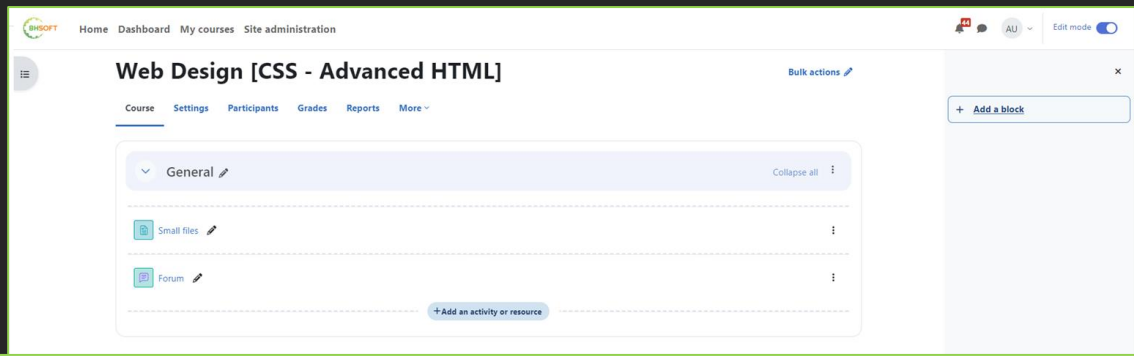
- **Main features:**
  - Permissions are assigned based on user roles. Each role is associated with a set of capabilities, which define what actions a user with that role can perform within a course.
  - Administrators can tailor the look and functionality of the platform to suit organizational needs and branding.
  - Administrators can customize roles and permissions by modifying existing roles or creating new custom roles.

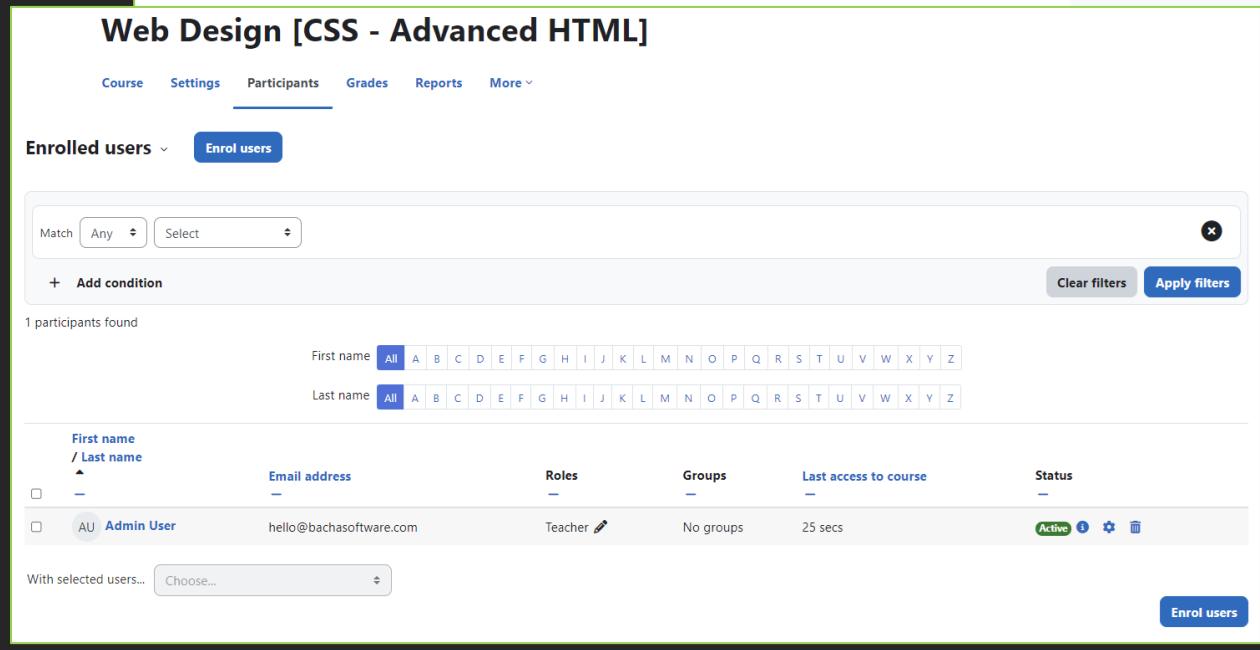


EDUCATION SOFTWARE DEVELOPMENT PROJECTS

BHSoft's Demo - Moodle

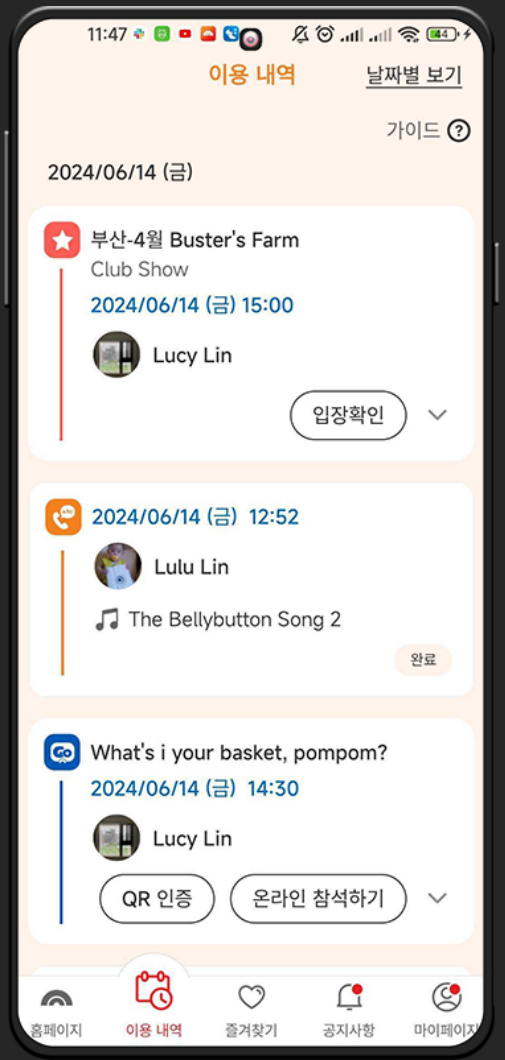
- **Main features:**
  - Organize course materials, assignments, quizzes, and resources.
  - Support various content types including text, multimedia, files and external links.
  - View and manage all enrolled users within a course through the Participants list.
  - Apply a range of assessment tools such as quizzes, assignments, workshops, etc.
  - Provides insights into learner engagement and performance with analytics and reporting tools.
  - Automatically populates the calendar with course-related events.

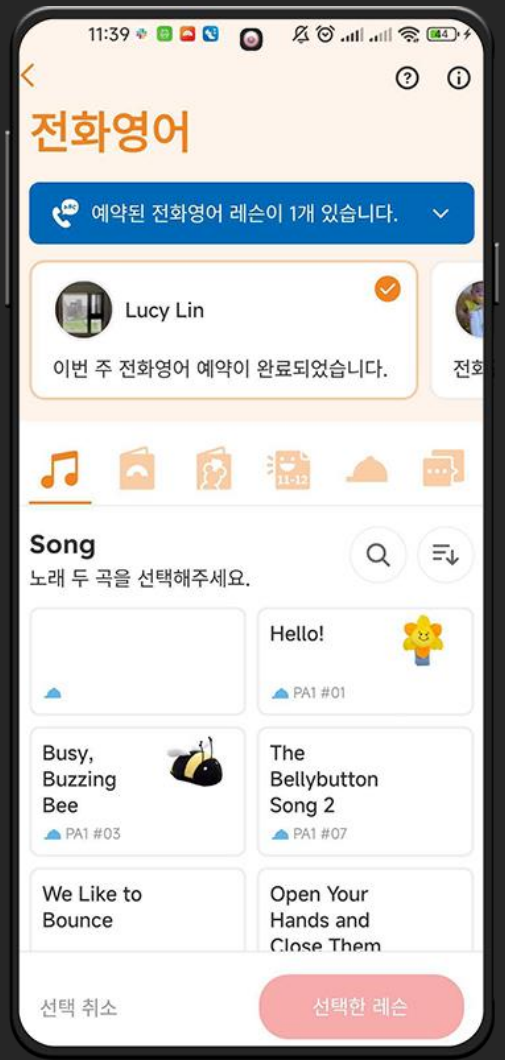




EDUCATION SOFTWARE DEVELOPMENT PROJECTS

Children’s Learning Progress Tracking Application





EDUCATION SOFTWARE DEVELOPMENT PROJECTS

Children’s Learning Progress Tracking Application

- **Client**: Taiwan
- **Time**: 03/2021-Present
- **Man-month**: 21
- **Communication channels**: Slack
- **Description**: A well-designed and easy-to-use mobile app that helps parents keep track of their children's learning progress and register diversified activities. The app makes it possible for any parents to accompany their kids with a variety of learning support services, age-specific activities as well as parent tips.

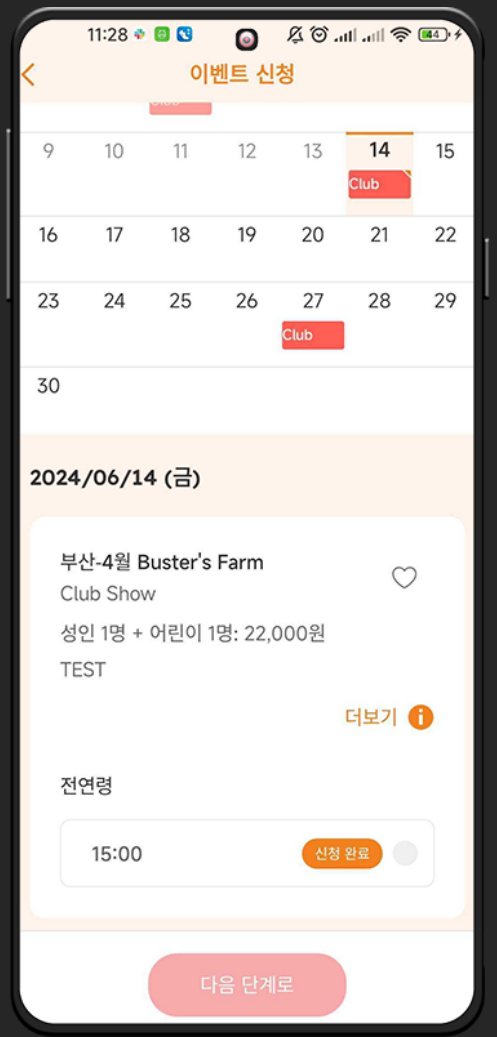
Technologies used:

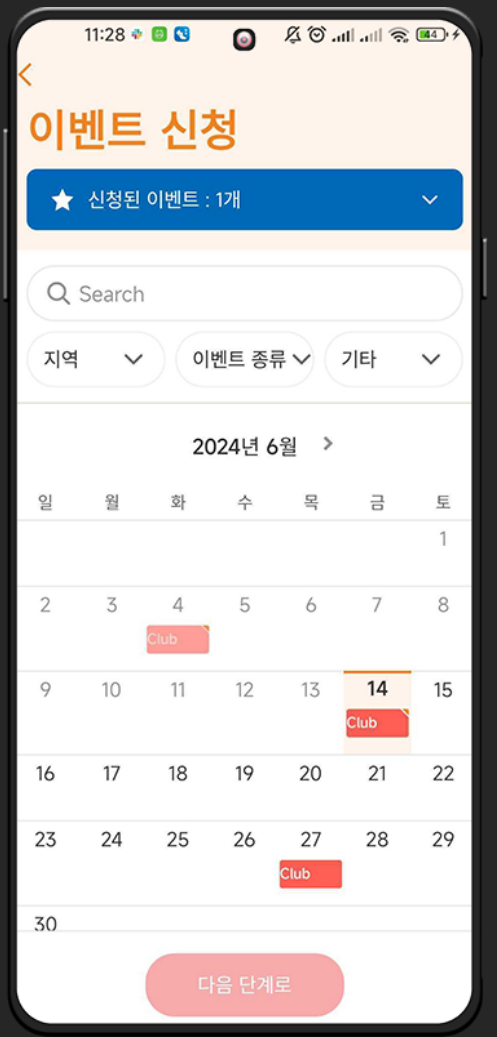
- React Native
- Redux

EDUCATION SOFTWARE DEVELOPMENT PROJECTS

Children’s Learning Progress Tracking Application

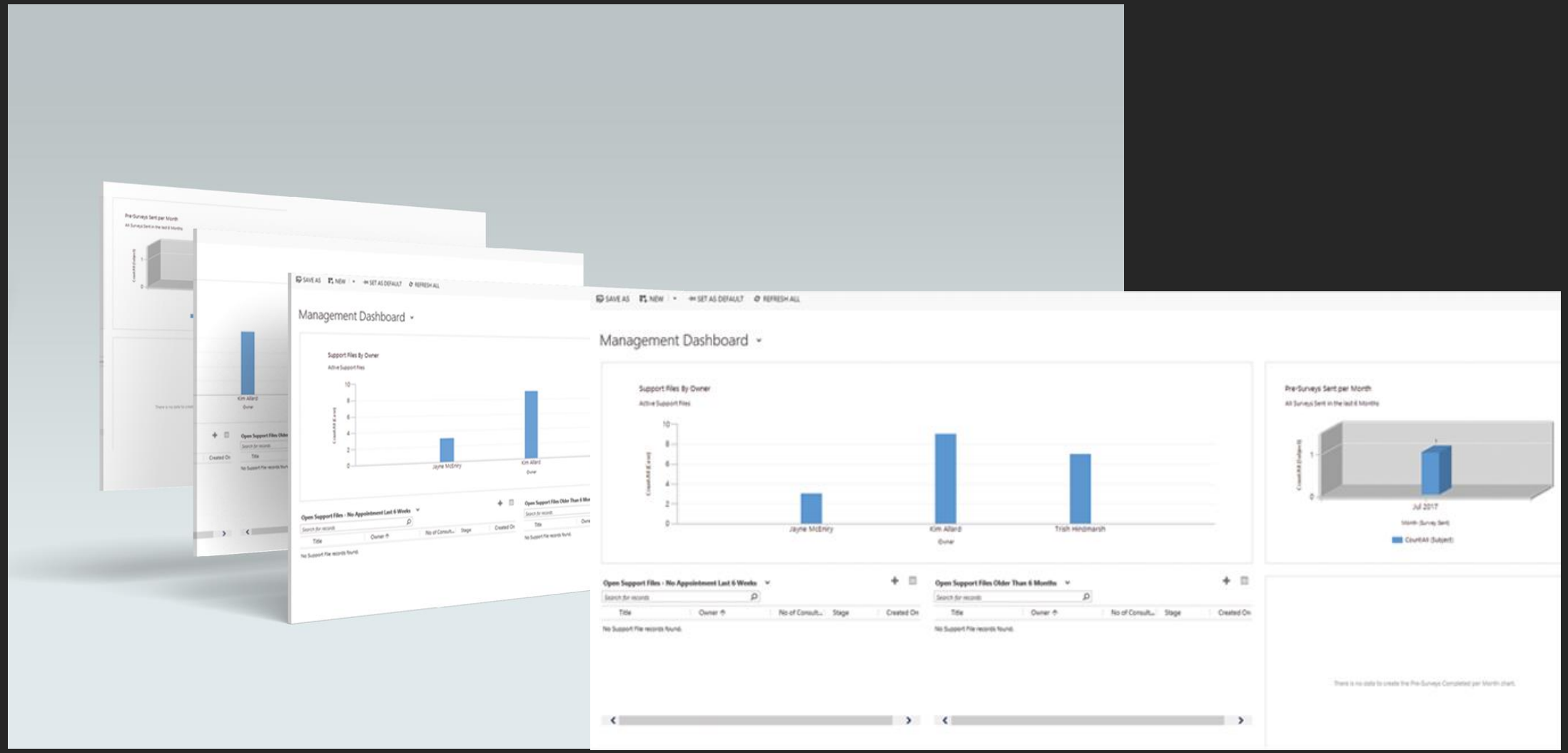
- **Main features:**
  - Select subjects and lessons to learn and receive the progress record on the app.
  - TE: 1:1 video calling with a native teacher.
  - Find information and register events.
  - Watch available English videos from English teachers.
  - Get parent tips with tutorials videos about teaching children and cooking recipients.
  - Keep track of children’s learning progress through reports.





EDUCATION SOFTWARE DEVELOPMENT PROJECTS

Platform for Education and Support Services



EDUCATION SOFTWARE DEVELOPMENT PROJECTS

Platform for Education and Support Services

- **Client**: Australia
- **Time**: 02/2018 – 12/2018
- **Man-month**: 10
- **Communication channels**: Email -Skype
- **Description**: A software, based on Microsoft CRM 365, implemented for a registered charity providing a wide range of education and support services to both parents and their children, as well as training for childcare industry professionals.

Technologies used:

- Microsoft Dynamics CRM 365
- Back-end: ASP.NET, .NET 4.0, C#
- Front-end: jQuery

LET’S COLLABORATE!

Collaborating with **Bac Ha Software** brings together advanced tech and custom solutions. We dive into your goals, connecting innovation with impact, and prioritizing your success. Let's shape the future together!

SCAN TO PARTNER WITH US TODAY!