

Submission Success

You have successfully submitted your project!

Please check your email for next steps.

Thank you,

The ISSP Team

Company:
RAINBOWVI EDUCATIONAL ASSOCIATION

Project Areas:
Web Development, Mobile Development

Company Profile:
RainbowVI Educational Association is a newly registered non-profit educational organization. Its goal is to create a set of online tools that deliver self-development resources to young people with Asian backgrounds and support their success. The organization produces online, mobile-friendly micro-learning. It uses the top Learning Management Systems in the market to manage the participants and learning process. Working with BCIT's students aligns with our goal of advocating for the development of young people. This project presents an excellent opportunity for students to work on a real-world application that positively impacts youth while gaining valuable experience in web app development and user engagement strategies.

Project Description:
*Describe the domain. We are a newly registered non-profit organization focused on empowering youth through technology. This project will develop a Minimum Viable Product (MVP) to deliver bite-size educational content about life skills and interactive features related to well-being and community engagement. We name it YUTH - Youth Unleashing Their Horizon.
*Main Features/components: - Creating an account and login - Mood Tracker: (example: Youper app) Feature: Users log daily moods using emojis or a simple scale. Benefit: Helps users understand emotional patterns and manage mental health. - Community Engagement: Feature: Comics and youth opportunity news with interaction options (likes, me too, comments) Benefit: Builds a supportive community and provides relatable content. - Journal: (example: Youper app) Feature: Users log in or auto-update with comments from community engagement Benefit: Encourages self-reflection and personal growth. - Display mini-Courses collection: Courses: Quiz style course (third party tool: Typeform) Benefit: Provides essential knowledge and practical skills for real-life situations (Time Management, Basic Budgeting, Decision Making, Online Safety Tips, Cyberbullying Resources, Digital Literacy) *The scope of the project: Within the scope of ISSP Fall 2024, we plan to build 3 features among the 5 mentioned above. - Creating an account and login - Mood Tracker: (example: Youper app) Feature: Users log daily moods using emojis or a simple scale. - Display mini-Courses collection: Courses: Quiz-style courses (third-party tool: Typeform) *Specify the technologies: Amazon web service Python programming language Django framework Django Rest Framework Kubernetes architecture Celery async framework React Native library Javascript programming language Unittest implementation CI/CD automation workflow *Technological and domain knowledge We will provide one tech lead and one project manager to work with students. Onboarding and knowledge hands-on training will be provided if needed. We will be available for regular check-ins and guidance to answer any questions that arise during development.

Programming Language(s):
Python, Javascript

Hardware/Software Requirements:
Hardware: computer/laptop Software: Pycharm

Current Work/Arrangement:
Not applicable. The tech lead and the project manager can work with the students to organize the tasks appropriately.

Previous Project?:
no

[Back to submission page](#)