Introduction

Edvolution, a not-for-profit, has been working closely with Malaysian Ministry of Education (MME) to initiate projects and programs that “build transformative leaders, competent educators, and effective community builders in schools.” However, there is no one centralized learning and development platform that provides access of these programs and projects to various stakeholders, such as teachers, administrators, and Malaysian government officials. Therefore, our project is to create CikguHub, a people empowerment website that uses human-AI partnership to recommend personalized learning materials and generate competency scores and feedback.

Partnering with Edvolution and powered by AI, CikguHub would help teachers identify and understand their areas of improvement, find and learn from high-quality learning materials to improve their skills, and get feedback for their works. It would also help administrators and government officials to assess teachers’ competencies at scale and manage teaching resources.

Objectives

My responsibilities and contributions to the project are:

- Research, design, and implement the system-user interaction model
- Research, design, and implement the UI/UX of the report generation parts of the website
- Ensure the website’s responsiveness and accessibility

Methods

CikguHub is responsive, meaning the web pages can alter their layout and appearance to suit different screen widths and resolutions. It is also accessible, compliant with Web Content Accessibility Guidelines (WCAG), and follows the POUR principle (perceivable, operable, understandable, and robust) for individuals with disabilities.

Vision & Acknowledgment

CikguHub’s long-term significance is to support the MME’s aspiration of creating “Scholarly Teachers”, who have the drive and initiatives to continuously up-skill themselves.

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