

ABSTRAK

PERANCANGAN *UI/UX* SISTEM INFORMASI CAPAIAN PEMBELAJARAN LULUSAN (CPL) BERBASIS *WEBSITE* MENGUNAKAN METODE *USER-CENTERED DESIGN*

Oleh

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SIP-CPL dirancang untuk mendukung dosen, pemantau, serta admin program studi dalam pengelolaan dan evaluasi Capaian Pembelajaran Lulusan (CPL). Penelitian ini merancang antarmuka (UI) dan pengalaman pengguna (UX) berbasis web dengan metode *User-Centered Design* (UCD) menggunakan Figma, mencakup empat peran pengguna utama dan menghasilkan 114 halaman antarmuka. Evaluasi dilakukan menggunakan *Heuristic Evaluation* dengan menemukan dua masalah minor pada konsistensi yang telah diperbaiki, sedangkan pengujian *User Experience Questionnaire* (UEQ) terhadap 13 responden menunjukkan kategori excellent pada seluruh aspek, dengan skor tertinggi pada kejelasan dan ketepatan serta terendah pada kebaruan. Hasil ini menegaskan bahwa prototipe SIP-CPL memiliki kegunaan yang baik dan layak dijadikan dasar implementasi sistem.

Kata kunci: UI/UX, Capaian Pembelajaran Lulusan (CPL), *User-Centered Design* (UCD), *Heuristic Evaluation*, *User Experience Questionnaire* (UEQ).

ABSTRACT***DESIGNING UI/UX OF A WEB-BASED GRADUATE LEARNING
OUTCOMES (GLOs) INFORMATION SYSTEM USING THE USER-
CENTERED DESIGN METHOD******By*****RAMA WAHYU AJIE PRATAMA**

The SIP-CPL system is designed to support lecturers, supervisors, and study program administrators in managing and evaluating Graduate Learning Outcomes (GLOs). This study developed the user interface (UI) and user experience (UX) of a web-based system using the User-Centered Design (UCD) method with Figma, covering four main user roles and producing 114 interface pages. The evaluation was carried out through Heuristic Evaluation, which identified two minor consistency issues that were subsequently corrected, and the User Experience Questionnaire (UEQ) involving 13 respondents, which indicated an excellent category across all aspects. The highest scores were obtained in clarity and dependability, while novelty received the lowest. These findings confirm that the SIP-CPL prototype demonstrates good usability and is feasible to be used as a foundation for system implementation..

Keywords: UI/UX, Graduate Learning Outcomes (GLOs), User-Centered Design (UCD), Heuristic Evaluation, User Experience Questionnaire (UEQ).