

***DESIGNING AND DEVELOPING A WEB AND MOBILE-BASED  
RADIO SCHEDULING INFORMATION SYSTEM  
(CASE STUDY: UTY FM MEDARI)***

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**Abstract**

UTY FM Medari is a radio station established through the merger of UTY FM and PTDI Medari FM, under the initiative of Universitas Teknologi Yogyakarta, which also founded the campus-based community station UTY FM. Carrying the slogan “Channel of Entertainment, Information, Science, and Technology,” UTY FM Medari continues to operate with manual systems, such as using written logs for attendance and advertising, and relying on Google Spreadsheets for scheduling broadcasts, announcers, and music playlists. This study proposes a solution by designing and developing a radio scheduling information system accessible via both website and mobile application. The system focuses on managing broadcast schedules, announcer shifts, advertising slots, podcasts, and music playlists. It is built using Laravel as the backend framework, Flutter for the Android platform, and MySQL as the database. This integrated digital system is intended to improve efficiency, accessibility, and accuracy in managing UTY FM Medari’s operations.

Keywords: Information System, Radio Scheduling, Website, Mobile Application.