

BAB VI

PENUTUP

Berdasarkan hasil dari penelitian yang berjudul “Sistem Pelaporan Kondisi Fasilitas Kampus dengan Menggunakan Wireless Positioning (Studi Kasus: Universitas Atma Jaya Yogyakarta)” yang telah diselesaikan penulis, maka pada bab ini dapat dijabarkan mengenai kesimpulan dan saran yang didapat oleh penulis dari sistem yang sudah dibangun.

6.1. Kesimpulan

Berdasarkan analisis, desain, dan implementasi perangkat lunak dan pembahasan pada bab-bab sebelumnya, maka dapat ditarik kesimpulan dari Tugas Akhir ini yaitu Sistem Pelaporan Kondisi Fasilitas Kampus dengan Menggunakan Wireless Positioning telah berhasil dibangun dengan memanfaatkan metode *location fingerprint* dan *K-Nearest Neighbor* (KNN).

6.2. Saran

Dalam proses pengembangannya, terdapat saran yang dapat diambil dari proses pengujian sistem ini. Saran dalam pengembangan sistem ini adalah sebagai berikut:

1. Menambah beberapa fungsionalitas sehingga memudahkan pengguna dalam melaporkan kerusakan. Seperti menambah detail informasi yang bisa disertakan serta memberikan notifikasi ketika laporan sudah selesai dikerjakan, serta memberikan reward terhadap pengguna yang rajin memberika laporan.
2. Dapat dikembangkan ke *platform* lain seperti iOS.

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IEEE COMPUTER.



BUKTI PUBLIKASI

Bersama ini saya, Yohanes Erwin Dari melampirkan bukti telah diterimanya paper penelitian saya yang berjudul “CAPTURE: A Mobile Based Indoor Positioning System using Wireless Indoor Positioning System” yang telah diterima pada tanggal 1 Oktober 2017 pada Jurnal Internasional yang berjudul “iJIM: Internasional Journal of Interactive Mobile Technologies”. Berikut ini saya lampirkan bukti surat penerimaan jurnal.

The image shows two parts of a journal submission confirmation. The top part is an email from Michael E. Auer (lib-ojs5.lib.sfu.ca) to Yohanes Erwin Dari, dated Oct 1. The email text states: "We have reached a decision regarding your submission to International Journal of Interactive Mobile Technologies (IJIM), 'CAPTURE: A Mobile Based Indoor Positioning System using Wireless Indoor Positioning System'. Our decision is to: accept as is. Congratulation to your fine work. You will get an invoice for the APC with separate email." The bottom part is a screenshot of the journal's submission page. It shows the path "Home > User > Author > Active Submissions" and a table of active submissions. The table has columns for ID, MM-DD, SUBMIT, SEC, AUTHORS, TITLE, and STATUS. One submission is listed with ID 7632, MM-DD 08-30, SEC PAP, AUTHORS Dari, Suyoto, Pranowo, TITLE CAPTURE: A MOBILE BASED INDOOR POSITIONING SYSTEM USING..., and STATUS IN EDITING. Below the table, it says "1 - 1 of 1 Items". At the bottom, there is a "Start a New Submission" link and a list of indexing services including Scopus, IET Inspec, dblp, EBSCO, ULRICHSWEB, and Microsoft Academic Search.

[IJIM] Editor Decision Inbox

Michael E. Auer lib-ojs5.lib.sfu.ca Oct 1

to me, Suyoto, Pranowo

Yohanes Erwin Dari:

We have reached a decision regarding your submission to International Journal of Interactive Mobile Technologies (IJIM), "CAPTURE: A Mobile Based Indoor Positioning System using Wireless Indoor Positioning System".

Our decision is to: accept as is

Congratulation to your fine work.
You will get an invoice for the APC with separate email.

Home > User > Author > **Active Submissions**

Active Submissions

ACTIVE ARCHIVE

ID	MM-DD	SUBMIT	SEC	AUTHORS	TITLE	STATUS
7632	08-30	PAP		Dari, Suyoto, Pranowo	CAPTURE: A MOBILE BASED INDOOR POSITIONING SYSTEM USING...	IN EDITING

1 - 1 of 1 Items

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Dengan begitu saya, Yohanes Erwin Dari sudah memenuhi salah satu syarat untuk melakukan yudisium yaitu melampirkan bukti pengajuan publikasi.