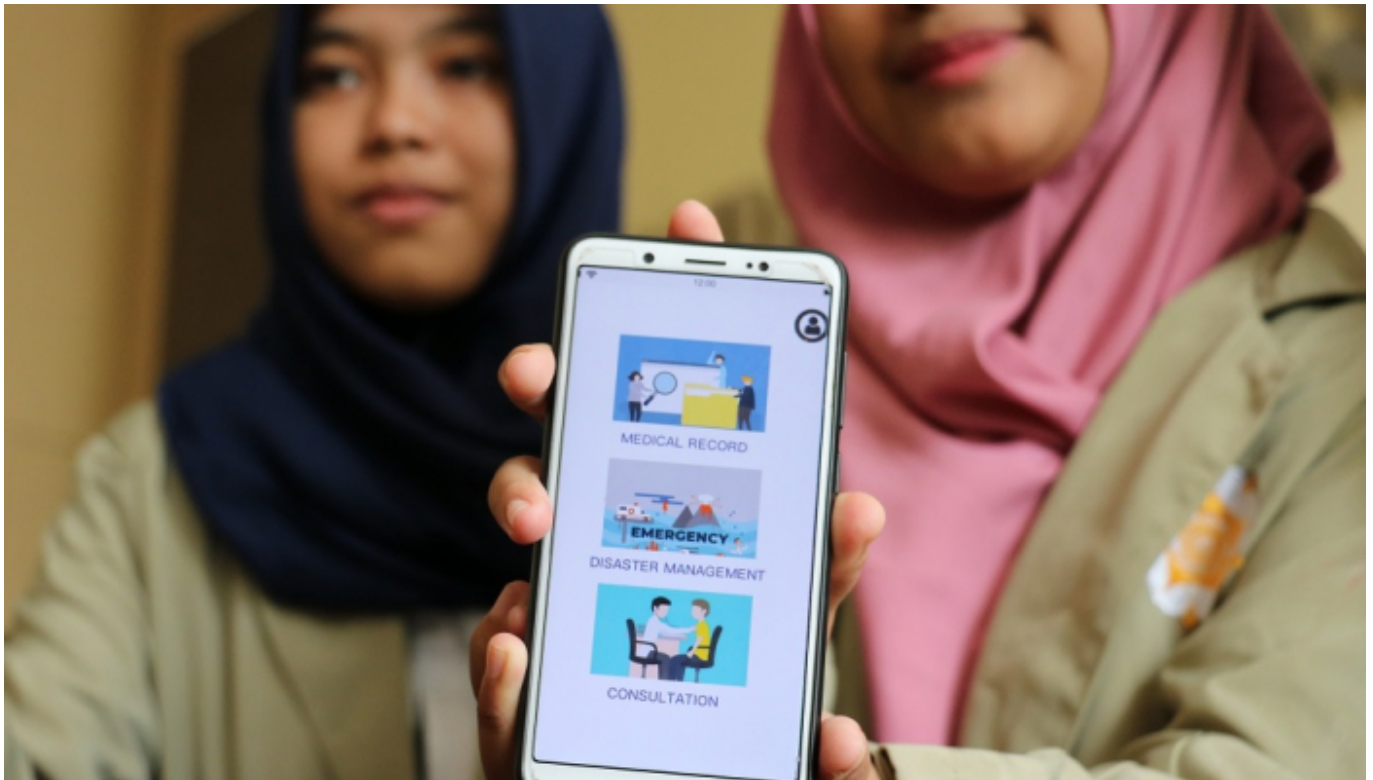


# Jejak Medis Apps Help Disaster Patients Store Medical Records

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Five UGM students developed an application to store medical records of disaster survivors that won Gold Medal and Taiwan Special Award in the *World Young Inventors Exhibition* during *International Invention, Innovation & Technology Exhibition (ITEX) 2019*, held from 2-4 May 2019 in Malaysia.

The *Jejak Medis* application is developed by Eka Hafsari, Nadya Anggraini, Aziz Qomarul Firdaus, Fairuz Khairunnisa, and Haris Hendrik.

Nadya said the *Jejak Medis* prototype was made as there had been no medical records available to be used during disasters. Indeed, many volunteers could give medical assistance but the unavailability of medical records may lead to malpractice even death.

Eventually, the students initiated the application since April 2019 for paramedics and patients. The app contains online and offline medical record features. "There is also disaster management feature that contains general information before disaster, while during disaster it gives information on the disaster nearest to us, and post-disaster crowdfunding," she said on Wednesday (14/5) in a press conference at UGM's Public Relations office.

Another feature is for consultation where patients may request a service and the paramedics may give the services in line with their expertise.

Eka added the app for the patient had three main features, medical history, disaster management and consultation. In medical history, the resume of the patient's health can be seen. The disaster management feature contains general information before disaster - such as paramedics - that is integrated with the BMKG. During disaster there is a feature that shows the location of the nearest shelter while post-disaster feature contains crowdfunding, in addition motivational video related to disasters. Meanwhile, the consultation feature allows patients to do consultation by selecting doctor's services and complaints.

"Currently, we are still improving the app, we hope to be able to launch it by the end of June," she concluded.

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