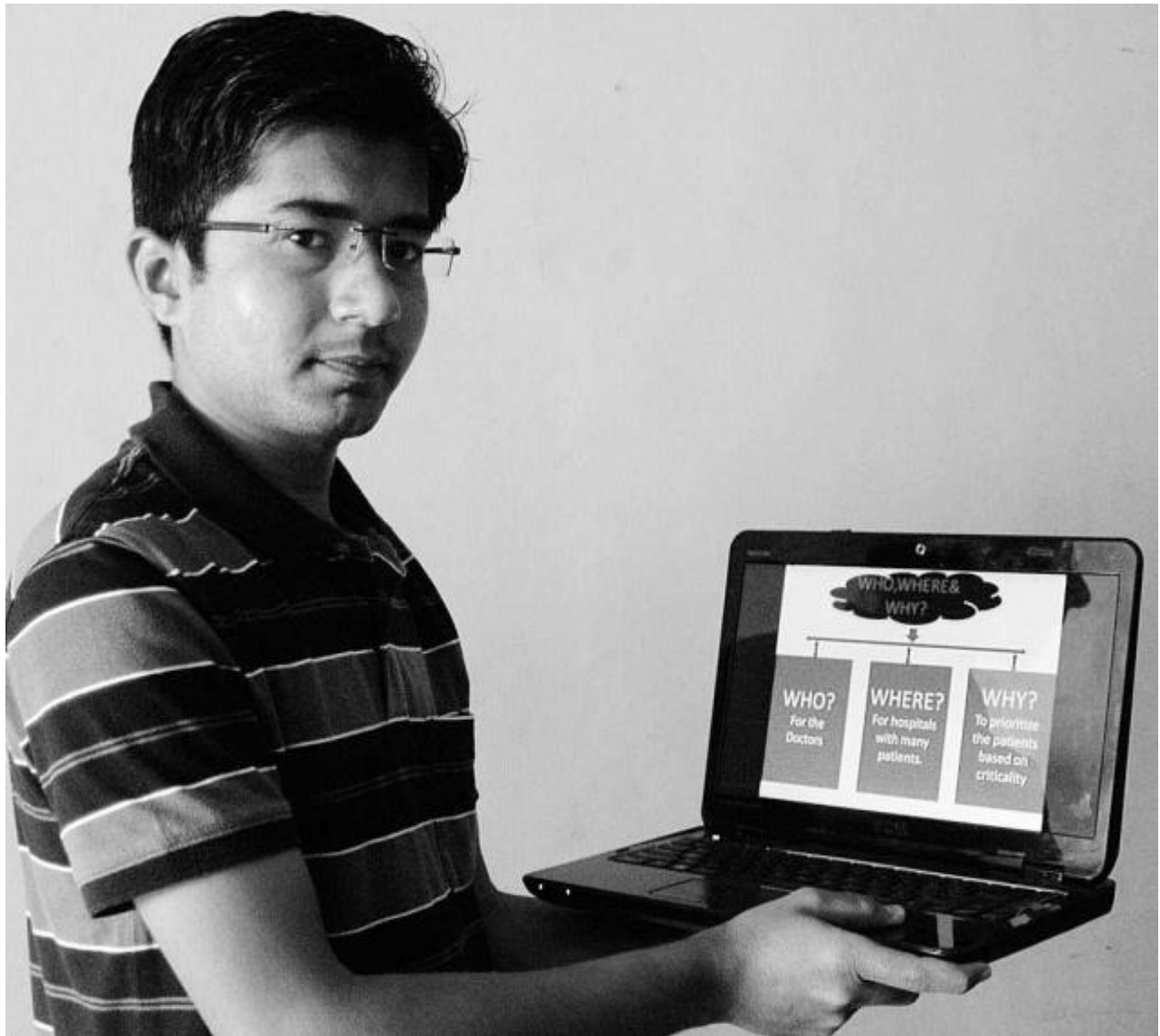


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Hey doc, maybe you should take a look

R. Avadhani



IITH student Phad Vaibhav explaining the 'Dexter' at the campus in Medak on Sunday.—
PHOTO: Mohd Arif

Mobile software Dexter can help doctors updated on the status of the patient on the fly, and even help him make quick decisions

How would it be if a doctor was alerted over phone the condition of patients under his treatment? Better still, guide him on who needs to be attended to immediately?

That's precisely what mobile software Dexter attempts to do.

A physician assist system developed by a team from the Indian Institute of Technology, Hyderabad (IITH) for doctors and hospitals with many patients, Dexter helps prioritise patients based on criticality. And on the fly, it helps the doctor analyse the situation and make quick decisions.

Team leader Inayathullah Ghori says the application will display bed number, patient history and vital parameters on the phone. "Dexter is a physician assist system that integrates with the Electronic Health Record (EHR) which typically collects, stores and transmits patient data for future use. Dexter integrates with the EHR and its main functionality is in providing in-patient data on-the-fly to the doctor. It can be thought of as a digital 'case-sheet' but it will work much more than that – it will help in managing cross consultations," Dr. Inayathullah said.

The application, he said, would also provide information about patients being examined in the emergency room and ensure overall effective patient management. It decreases cases of manual medical errors and reduces stress for the doctor while providing better service to patient. The application would be tested in the next two months and a commercial launch is likely in the next six months. Dexter's development team comprises Vaibhav Phad and Shivam Gupta (both M.Tech students at IIT-H), Vivek Kiran a student at Kendriya Vidyalaya and Shrushti Chakki, a medical electronics student from Bengaluru.

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