HCT Sharjah Women's College: UAE BloodBank

The UAE's Health Authority estimates every three seconds, someone will need a blood transfusion, and that 1 in 4 people entering a hospital will need blood.

[Higher Colleges of Technology](#) (HCT), the largest system of universities in the UAE with 17 campuses and over 20,000 students has selected Appery.io as its mobile platform for its computer science curriculum. This collaboration aims to prepare HCT students to meet the great demand for mobile apps required in the UAE in both private and public government and business sectors.

Donated blood and blood banks are lifesaving resources for the many people that require blood transfusions due to injury or illness. These patients require a specific blood type, and coordinating the donation of that type is particularly important for physicians.

To help doctors and patients in this situation, students at the HCT Sharjah Women's College created the "UAE Blood Donation" application, which allows medical professionals to send SMS messages for donors/users of the app with a specific blood type they need for their patients.

This streamlines a process where donors of the specified blood type arrive to the blood center at a prearranged time, and donate blood. With each donation, users of this app contribute in saving up to three lives per donation process.