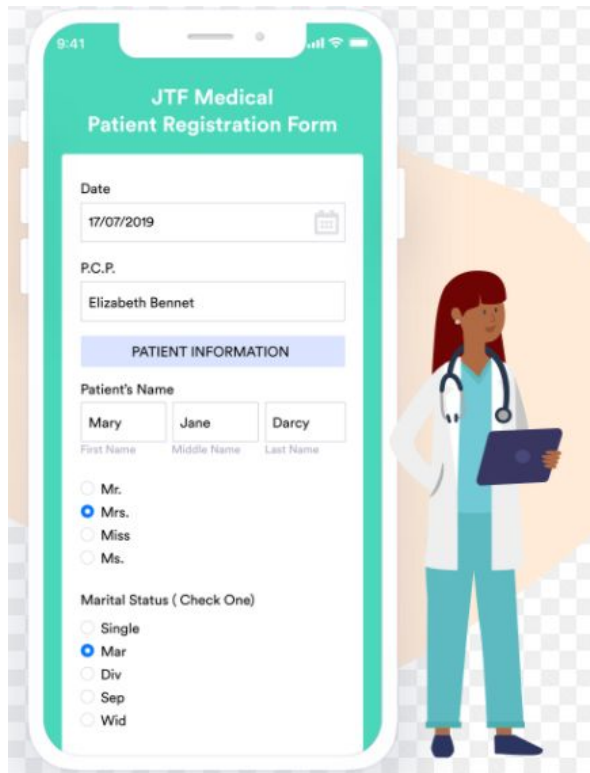


Goal - To build an application which enables efficient processing and enables easy treatment access to patients in the Emergency Room of a hospital.

On installing the ER application on your device, a form which contains basic details commonly asked by hospitals are provided. The whole intention of filling the form is to avoid delay in treatment on the occurrence of an emergency situation. Suppose a person faces or witnesses an accident, the application has an option to recommend the first-aid the patient has to be provided, based on the symptoms. He/she is also provided with a list of nearby hospitals and their ER wait times. An option to call the ambulance too is provided. As the application shows the hospitals with minimum wait time, the patient is instantly tended to, by the hospital. The waiting time is considerably reduced as most of the basic details would be formerly provided by the user on installing the application. Post treatment and discharge, the user has to update the date of discharge. Post discharge, the application provides timely reminders for the user to get frequent check-ups with the doctor.



Install the
Emergency Room
application on your
phone



The image shows a smartphone screen displaying a 'JTF Medical Patient Registration Form'. The form includes fields for 'Date' (17/07/2019), 'P.C.P.' (Elizabeth Bennet), and 'PATIENT INFORMATION'. Under 'Patient's Name', there are three input fields: 'First Name' (Mary), 'Middle Name' (Jane), and 'Last Name' (Darcy). Below these are radio button options for gender: 'Mr.', 'Mrs.' (selected), 'Miss', and 'Ms.'. At the bottom, there are radio button options for marital status: 'Single', 'Mar' (selected), 'Div', 'Sep', and 'Wid'. To the right of the phone is an illustration of a female doctor with red hair, wearing a white lab coat and blue scrubs, holding a tablet.

9:41

JTF Medical
Patient Registration Form

Date
17/07/2019

P.C.P.
Elizabeth Bennet

PATIENT INFORMATION

Patient's Name

Mary Jane Darcy
First Name Middle Name Last Name

☐ Mr.
☒ Mrs.
☐ Miss
☐ Ms.

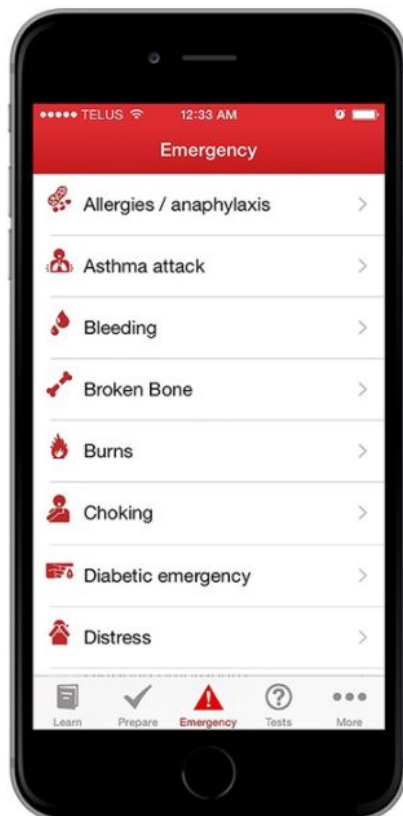
Marital Status (Check One)

☐ Single
☒ Mar
☐ Div
☐ Sep
☐ Wid

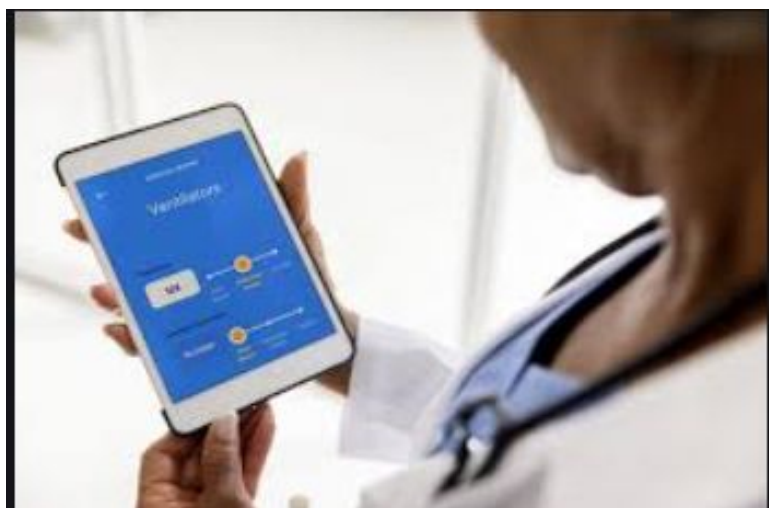
Fill your basic information as per the requirements of a general hospital form



Witness or occurrence of an unexpected accident



First aid help is
provided based
on the
emergency



Instantly access
the nearby
hospitals and
their ER wait
times



An option to call the ambulance is provided. The patient is carried to the hospital



The patient's relatives are briefed about the condition of the patient and the procedure



The patient is immediately tend to with minimal waiting.



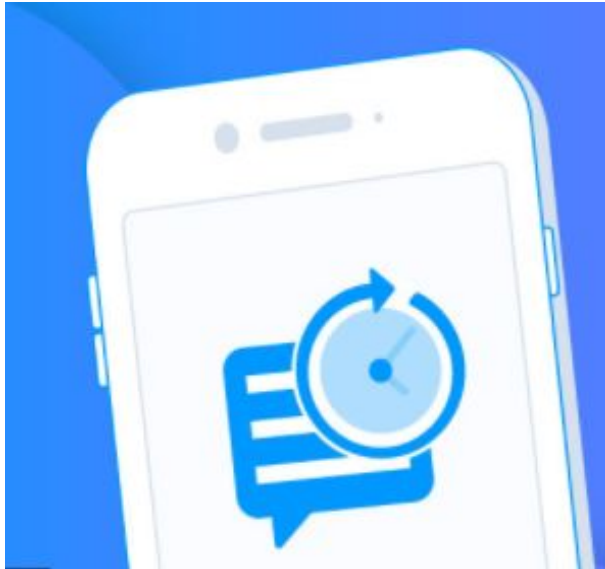
Surgery/treatment of the patient



The patient is taken care during the recovery period



Discharging of the patient after his/her recovery



Remind the patient to take up frequent check-ups with the doctor



Frequent check-ups with the doctor to avoid any infections/side effects post treatment/surgery