FINAL PROJECT CS273

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**Abstract:**

An emergency room simulator is based on the concept of treating patients and recording their diagnosis information. This program takes in doctors, nurses, and patients according to the user and then outputs the record of all the patients that have been treated. The patients are first separated according to the severity of illness which determines the probability of medical attention they require. The record shows patients in an alphabetical order and includes the severity of the patient and the time taken to treat the patient. The patient’s severity determines if they’ll get treated by the doctor or the nurse. The number of patients that can be accustomed in an hour is 60.