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**Egypt-Japan University of Science and Technology**

**Faculty Of Computer Science and Information Technology**

**CNC 111 Networks and Web Programming**

**Hospital Management System Project**

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# Project Idea:

Hospitals and medical organizations has become a critical institution in our world after the global COVID-19 pandemic. The demand for healthcare became excesivelly needed for all the infected patients of the pandemic, furthermore some countries didn’t have enough places in hospital so patients needed to be quarantined at their homes. Due to the demand to organize hospitals and patients finding available support when needed, there must be a system capable of providing the necessary aid on the human level and on the technological level. Here comes the idea of our project where we will provide a concise interface for docotrs to be able to monitor patients registered on the system of the hospital, also they can track their medical condition or well being, medicines they require, and send them automatic notifications/emails informing them about the updated medical condition.

# Main functionalities:

Login interface for the doctors or the hospital’s staff, and patients, Adding/Discharing patients of the hospital. Saving patients information in a database. Reserving appointments and monitor patient data.

# Diagram Description automatically generatedER Diagram:

# Sample Code:

## 1-Database



## 2-HTML:



## 3-CSS:



## 4-Javascript:



## 5-ASP:







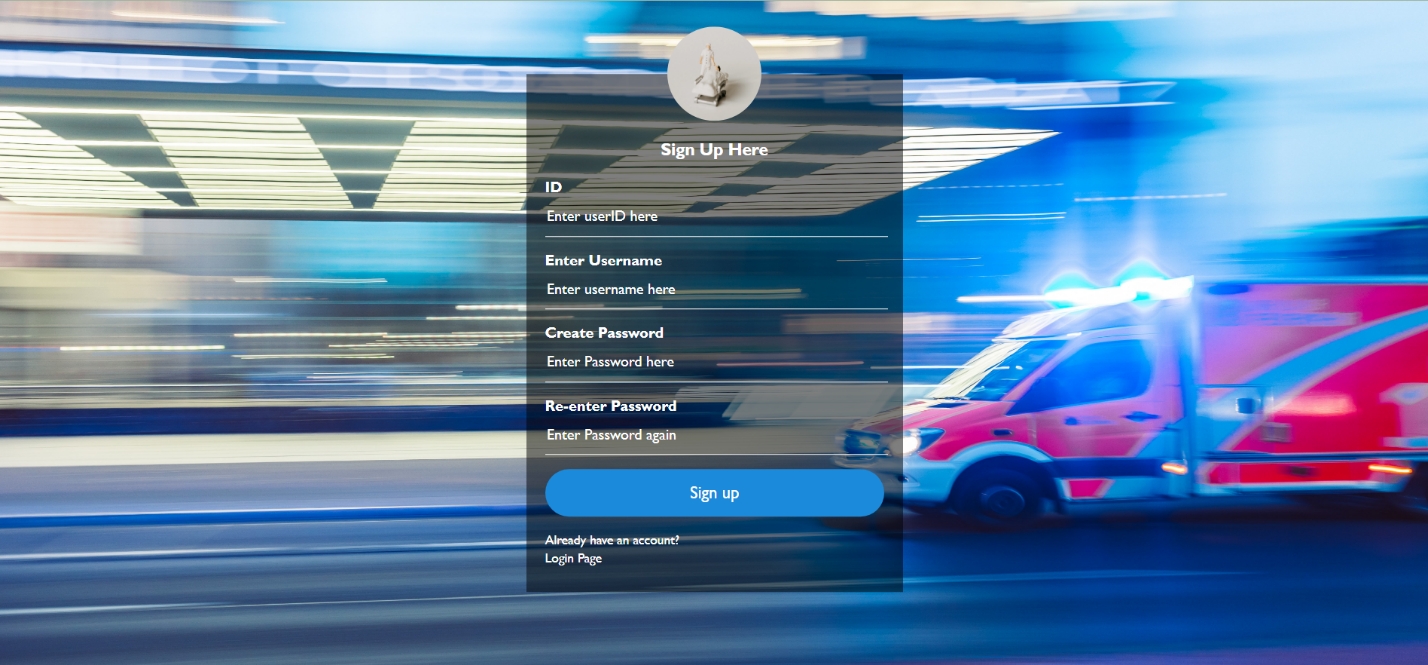
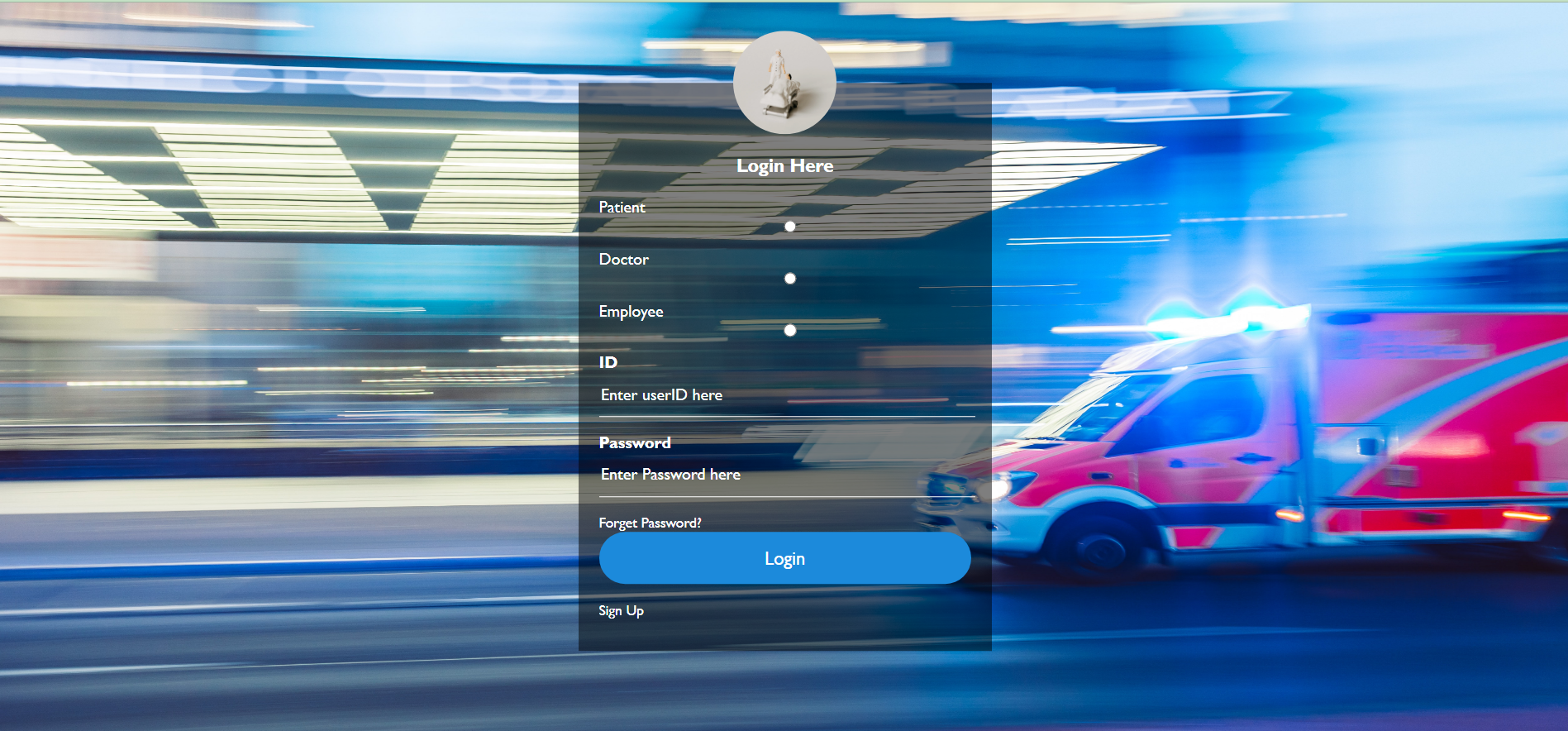


# Screenshots of The Website:

## 1-Home Page:



## 2-Login/Sign Up Pages:



## 3-Doctor Interface:

Diagram

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## 4-Employee Interface:

Diagram

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Sidebar can be opened closed with the fa bars button up left.

User is redirected to the page after successfully logging in with the correct user Id and password registered in the database to the appropriate interface. If the user provided wrong credentials an error message shows up.

## 5- Patient Interface:

Graphical user interface, text, application, email

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## 6-About us Page:

Graphical user interface, text, application

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