Good Morning, I am …… from SSN College of Engineering (Introduce yourself). Visitors and patients to a hospital are finding it hard to navigate to the required places without the help of others especially, in large sized hospitals. Hence, there is a need to develop a mobile app to help the patient and visitors to navigate to the various facilities in the hospital such as Pediatrics Centre, Emergency Department, OPDs etc. This application will be very useful when a patient arrives in an emergency conditions to direct them to the required destination and this in turn saves their life. This project aims to develop a mobile application using the current technologies to enable the patient and their caretakers to navigate to the required destination in the hospital. The proposed system will provide vocal assistance to the user based on their current location using an android application installed on the mobile tablet device. When the patient navigates, the mobile Wi-Fi will connect to the Wi-Fi access point installed in various parts of the hospital and identifies the MAC address of the corresponding Wi-Fi access point. This MAC address will be sent to the cloud server to identify the current location and the corresponding voice message for the navigation will be sent back to the mobile device and the same will be played to navigate freely without any hassles and reach the particular location. This system finds use in many places such as hospitals, banks, railway stations, government offices etc. The above system can be implemented very easily with minimum cost. The proposed mobile application can be attached to the smart wheel chairs and stretchers to help the patient to navigate in the hospital. In addition, the voice messages in various languages will be stored in the cloud server and the patient will have the options for choosing the desired language for navigation. Finally, the proposed system can help the patient in saving their critical time and life.

Explain about the demo.