# CONCEPTUAL DESIGN OF DEVELOPING A MOBILE APP FOR DISTRIBUTED INFORMATION SERVICES FOR CONTROL SYSTEMS (DISCS)\*

K. Mahmoudi A. Khaleghi M.Akbari M.Hosseinzadeh M.Oghbaei khaleahiali@inm.ir

#### AUGMENTED REALITY

Using the QR code labels, we can show cables infor-mation on the screen and the user can do several actions like finding detailed information by pointing to the real cable and the application would detect the event and display the corresponding information.

## ABSTRACT

Due to investment of different engineering disciplines tools and methodologies in disgin, construction and question of an an operative all physics facility. (EPF) an integrade information system is needed to efficiently manage data. DICSS is a framework developed to address thin end with includer multiple modules and structure. (EDIIs In this paper was propose a conceptual design of a module application that can easily be used by technicians working a EPF to access ther registed data. The proposed application working and EPF to access there registed data. It can also be used as interests and access ther registed data. The proposed application work are explored and Augmented Beality (AB) to enter the experiments, it can also be used as an ensers to be their size to show the two bealess from (BH) effects of the truth end of the end of the operative of the end of the operative of the truth end of the truth end of the operative of the end of the truth end of the truth end of the truth end of the end of t



## SOCIAL NETWORKING

This application can create an opportunity for techni-cians and employees from different experimental physics facilities to share their information and knowledge.

Each employee who installs this application will have a professional profile visible to other in house staff and also available to others from various facilities worldwide.

## E-LOGGING

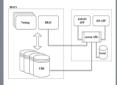
By connecting the application to an available e-logging system, technicians can report a fault or malfunc-tion and describe the situation. They can also record a voice message instead of writing the report to save time. These reports then will be stored at the e-locging data-base.

### **QR SCANNER**

By labelling each cable with a QR code that contains the cable identifier or number we are able to use a QR scanner in the proposed application so that the cable information can easily be retrieved from CDB.

### APPLICATION ARCHITECTURE

050



## LOCATION BASED SECURITY

Most of the smart phones and mobile devices are equipped with GPS. This can be used as a complement for RBAC to provide location based security.

We can track the movements through different facility areas and also we can restrict some features to work only in the facility.







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