Conceptual Design of Developing a Mobile App for Distributed Information Services for Control Systems (DISCS)

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Poster Reference

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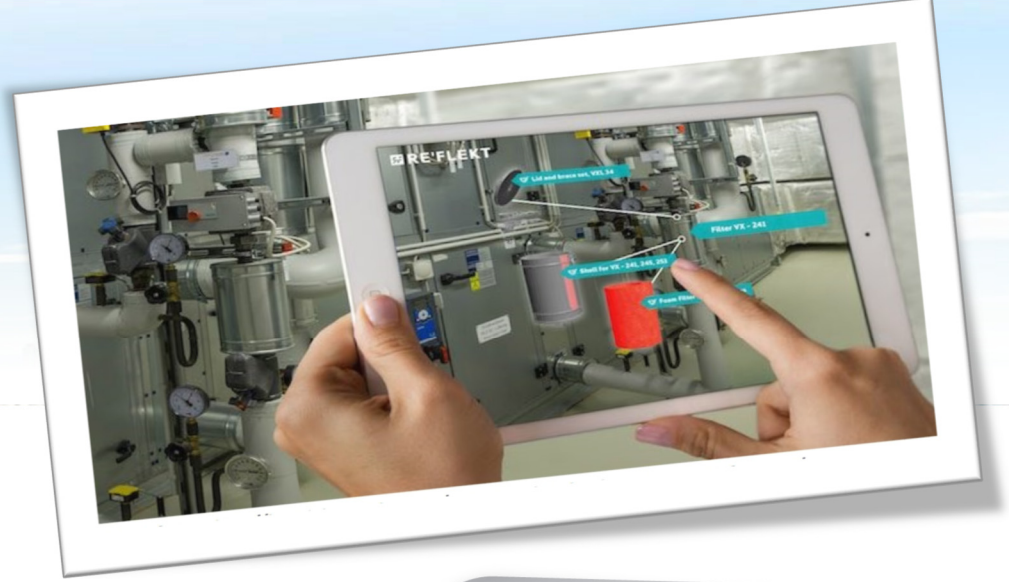
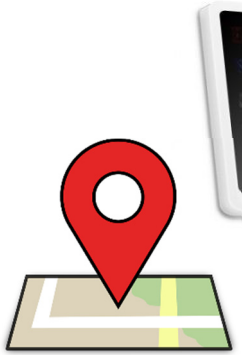
Project Goal

Enhancing user experience

Augmented Reality & QR codes

Create a collaborative environment





Connection to e-logging systems

Additional Security via GPS

Solution outline

- Creating custom APIs
- Compatibility and usage of existing DISCS modules
- Support for different devices (iOS, Android)

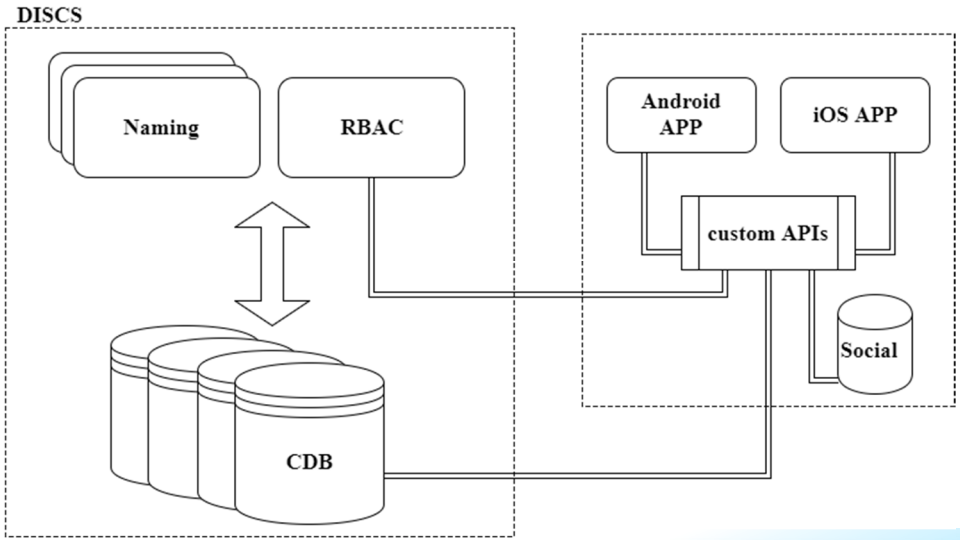


Photo reference: Justinmind Prototyper (justinmind.com) & ISIS Neutron (https://www.isis.stfc.ac.uk/Gallery/10EC3582%20ISIS%20Synchrotron%20upgrade.jpg)

Conclusion

- Here we proposed a **conceptual** mobile application design which can be a part of **independent module** to provide **user-friendly interface** for searching DISCS databases like Cables Database.

- We introduced several new features that can enhance **user experience**, **collaboration** among synchrotron light source community and **security**.