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交大密西根学院

Capstone Project:
VMware#1-AR in Data Centers
Improve our Presentation

Instructor

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vmware®

Problems in Data Centers (DC)

Maintenance and audits

➤ Do not have integrated information system
- Structure of data center
- Device model & parameters
- Device status
- Environment & power

➤ Lack user-friendly instructions
- Complicated literal descriptions in manuals or documents

www.cisco.com

Problems & Needs in Data Centers (DC)

Maintenance and audits

➢ Do not have integrated information system

→ Need an integrated system that involves all the information together

➢ Lack user-friendly instructions

→ Need a more user-friendly tool for instructions and information access

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Solution

An Augmented Reality (AR) App
for aiding on-site DC maintenance & audit
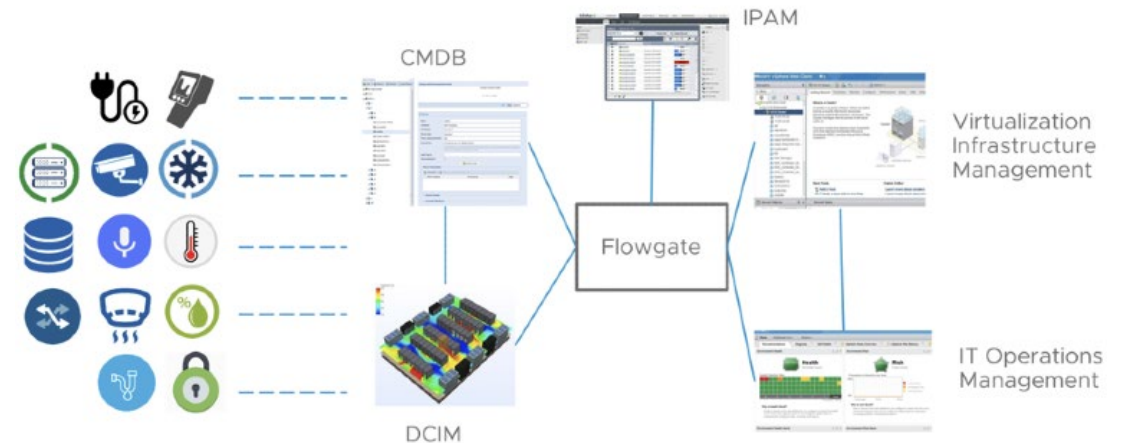
➢ **Front-end: AR**
  - A user interface to display the information vividly

www.youtube.com/watch?v=1Pe028PjQhs

➢ **Back-end: Flowgate**
  - An integrated system containing all necessary information of DC

https://github.com/vmware/flowgate

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Concept Diagram