FRAMES FOR CRITICAL PATIENT INFORMATION

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BUSINESS PROBLEM

PROBLEM
- Doctors attend rounds, consult patients, makes notes and at end of day record notes in database
- Fill out same paperwork 3-5 times a day; results in hours of paperwork overhead

SOLUTION
- An iPod Touch/iPhone application to use as a "template" for recording and diagnosing patients, linked to patient data
- Integrate existing tools that doctors use while diagnosing their patients; tools are other iPhone applications
- Voice recognition to interface with the patient’s "template"

ARCHITECTURE & DESIGN

TECHNOLOGY USED:
- User Interface: Objective C, iPhone SDK
- Web Services: Java
- Data Access Layer: Java
- Database: MySQL
- Application Server: Apache Tomcat

TOPOLOGY

DATA MODEL

UI SCREENSHOTS

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