

Case Study: Healthcare Android Tablet App

Client is a multinational conglomerate corporation .

Product

- Healthcare solution that connects patients to nurse and provides access to patient data records
- Displays all the patient call events received by the nurse's device
- View and edit patient data records from EPR server
- VoIP-enabled functionality to make/receive calls, along with messaging capability

Contribution

- Design of the architecture for tablet
- Research and development of UI and UX
- Custom controls and rich UI development
- Solution integration

Technology

- Android 2.2/ 2.3 (Galaxy Tab 7)
- Java, Eclipse
- UML
- VoIP, SIP



The screenshot displays the 'Call History' section of the application. The interface includes a top status bar with system icons and the time 8:30 PM. Below the status bar, there are navigation icons for 'Events', 'EPR', 'Dial', and a red alert icon. The main content area is a table with columns for 'Call Type', 'Call Point', 'Name', 'Duration', and 'Closed On'. The table contains six rows of call records, alternating between red and yellow background colors.

Call Type	Call Point	Name	Duration	Closed On
Emergency	Ensuite Rover, Floor 2, Ward 15	John Smith	02:01:10	09/27 09:44 AM
Assistance	Bay Jaguar, Floor 2, Ward 12	Garry Cooper	02:00:00	09/27 01:30 PM
Call	Bay Fiesta, Floor 1, Ward 14	Mary Lindsberg	01:49:15	09/27 02:25 PM
Assistance	Bay Fiesta, Floor 3, Ward 16	Garry Baker	00:23:15	10/27 03:40 AM
Emergency	Bay Fiesta, Floor 1, Ward 13	Peter Blake	00:15:18	10/27 1:50 PM
Call	Bay Jaguar, Floor 2, Ward 12	John Doe	01:49:15	10/27 08:20 PM