

System and Method for User Interface Management for Medical Care Management Devices

Intellectual Property

Patented

Lead Inventor

Catherine Burch

Licensing Contact

Catherine Burch
cburch@christianacare.org

Desired Partnership(s)

Ready for Licensing
Customizable Enterprise
Solution

Categorized As

Care Coordination
Communication System
Health IT

Unmet Need

Smartphone and tablet computing devices exist but have display screen areas that are relatively limited in physical size. In medical care or medical emergencies, the view of the amount of information required to provide adequate care is restricted and may not display all necessary information at one time. In the context of a cardiac pulmonary resuscitation event, life-saving tasks are typically allocated to multiple healthcare personnel and are recorded by a single individual due to the large amount of information that must be managed in reliably accurate fashion, the user must be able to read all relevant information in a single display.

Solution/Technology

This computerized system and method provides a solution for controlling a display of a computerized device to provide a graphical user interface that renders compact and informative graphical user interface images particularly in a medical care management device in which a large amount of information is required by the user, and a size of the display device is relatively small, as is the case with common smartphone and tablet computing devices.

Advantages

- Automatic logging or guidance to log events support accurate recording of performed events
- Color changes and appearance of text as indicators lessen audible alert fatigue
- Informative and visual graphics facilitate ease of understanding large amounts of data at one time
- Visual cues provide guidance to medical personnel to promote accurate rendering of medical care in compliance to predetermined protocols