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On the Development of Doctor Workplace for CardiaCare Service

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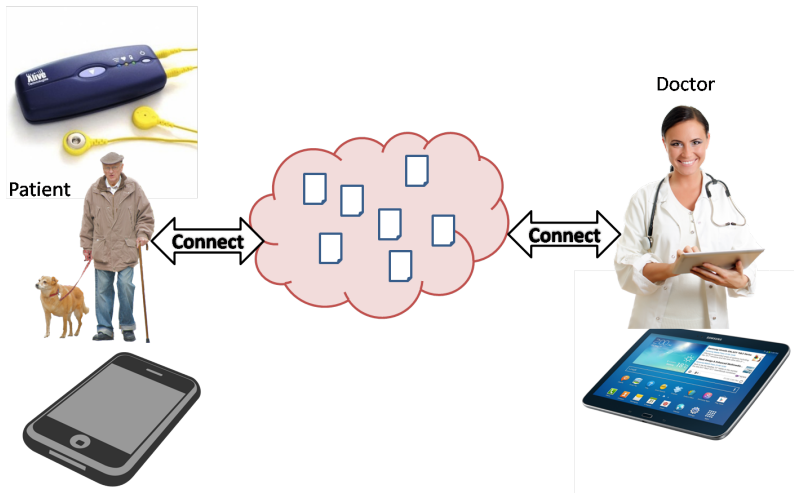


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Motivation



Benefits



24/7



Goal

To develop a component for CardiaCare heart function monitoring service providing the doctors with virtual workplace to view and annotate cardiogram recordings.

Platforms:

- Web
- Android
- Windows
- iOS



Web-application

The screenshot displays a web application interface with a dark grey background. At the top, there is a navigation bar with the following items: "О НАС", "ПРИЛОЖЕНИЕ", "CARDIACARE", "СОУП", and "РЕГИСТРАЦИЯ". The "СОУП" item is highlighted in a teal color.

On the left side, under the heading "ПАЦИЕНТ", there is a patient profile section with the following text:
Имя: Егор
Возраст:
Город: Петрозаводск
Телефон: 111-111-11-11
email: 11111@1111

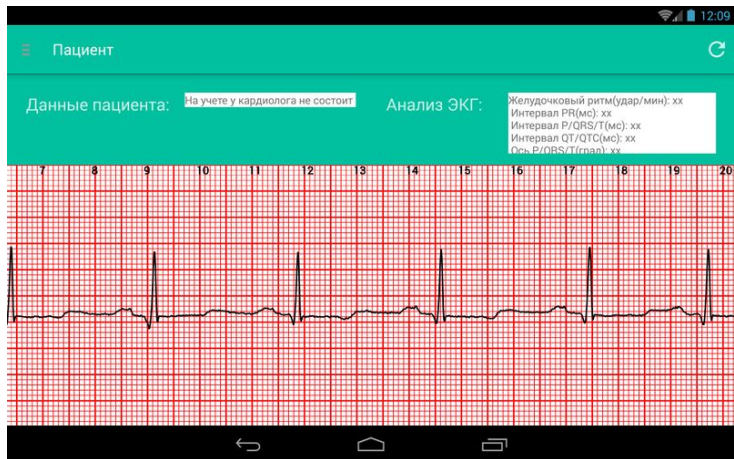
Below the profile is a teal button labeled "РЕДАКТИРОВАТЬ".

In the center, a white modal window titled "ECG" is open. It contains an ECG plot for lead "VI" on a red grid. The x-axis is labeled with time intervals from 00:00 to 00:05. The plot shows a regular rhythm with several QRS complexes. Below the plot are two buttons: "Close" and "Save changes".

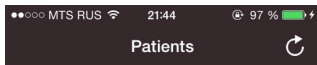
On the right side, under the heading "СПИСОК СОБЫТИЙ", there is a list of events. The first event is "Аритмия!".



Android application



iOS application



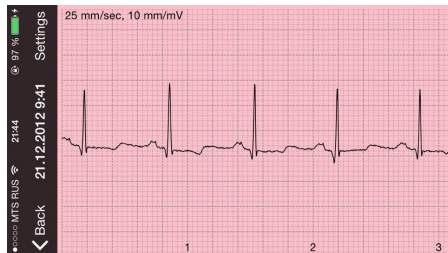
Иванов Иван Иванович >

Петров Петр Петрович >

Сидоров Сидор Сидорович >


Сергеев Сергей Сергеевич >

Егоров Егор Егорович >



Windows Metro application

Пациенты

House M.D. 

Смена пользователя

Выход

Федоров Иван Иванович
Возраст: 57 Пол: мужской Диагноз: ИСД

Васильев Петр Семенович
Возраст: 64 Пол: мужской Диагноз: артемия

Кондратьева Елена Павловна
Возраст: 58 Пол: женский Диагноз: стенокардия

Степанова Инна Викторовна
Возраст: 67 Пол: женский Диагноз: -

Елисеева Вера Георгиевна
Возраст: 48 Пол: женский Диагноз: ИСД



Conclusion

Four applications allowing doctor access to remotely collected health data have been developed.

Hopefully, these apps will be integrated to the CardiaCare service in near future.

Thank you for attention!

