Development of a web application "Electronic medical card"

of the master graduate qualification work for the student of the group CE-216

Abdulrahman Ahmed Sultan

Reviewer: Assoc. Prof. O.A. Dmitrieva

Supervisor: senior lecturer Silkina N.S.
Research goal and objectives

Goal:
Implement and develop the Electronic Medical Card.

Objectives:
- Designing the database;
- Designing the web application;
- Developing;
- Testing system.
Use case diagram

Patient
- Register
- Create card
- Create Review
- Check Review
- Create Diagnosis
- Create Recipe

Doctor
- Register
- Create Review
- Create Diagnosis
- Create Recipe
Scheme of database
Structure of application
Implementation and development

Database
- Microsoft SQL Server 2014.
- The total tables 7

Web Application
- ASP.NET
- visual studio 2015
- C#
- The Total web pages 18.
- The total line code behind 4000.
FAST & COST EFFECTIVE

Whether it is models of bones for prototyping medical procedures or replacing traditional casts with lightweight, washable and fully bespoke alternatives just as a few examples. Advanced scanning technology allowing MRI and mobile 3D scanner data to be converted to 3D print allowing surgeons to visualise the patient and operation before starting the procedure.

Hospital Plan vs Medical Aid

There’s no disputing the fact that being a member of a medical aid in South Africa is expensive. When you decide to join a medical aid, you are in effect paying for a service which, in many other countries, you get for free. True, you can make use of government hospitals and doctors, and it will cost you nothing or very little, but the service levels at these government hospitals are notoriously lacking – but that’s a subject for another day! Let’s discuss your options, when you do decide to opt for private cover.

Exploring vocational education in medicine

There have arisen several little known but valuable vocational courses in the field of healthcare which might go a long way in filling the gap of much needed, skilled healthcare professionals.

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Sign up forms
Page Electronic Medical Card

Medical Card

Sensitivity: ✓
Smoker: ✓
Chronic Diseases: ✓
Note: No thing

Edit

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Conclusion

Implement and develop the electronic medical card system

- The services included health care, save and deliver care data to doctors.
- The medical data saved in SQL server databases.
- The website application created by ASP.NET.
- Review most important report for patents and doctors.

Future work

- This system can be integrate with payment management system.
- Add smart reader devices to read the information from card.
Thank You