# Medical Information System

# Teamwork:

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# Problem definition

- Nowadays, we face the problem of disability to maintain the medical history of the patient.
- So it is possible that the doctor may stuck in faults within diagnosing patient condition.

i. Wrong medication

ii. May happen confliction with other disease

# Objectives

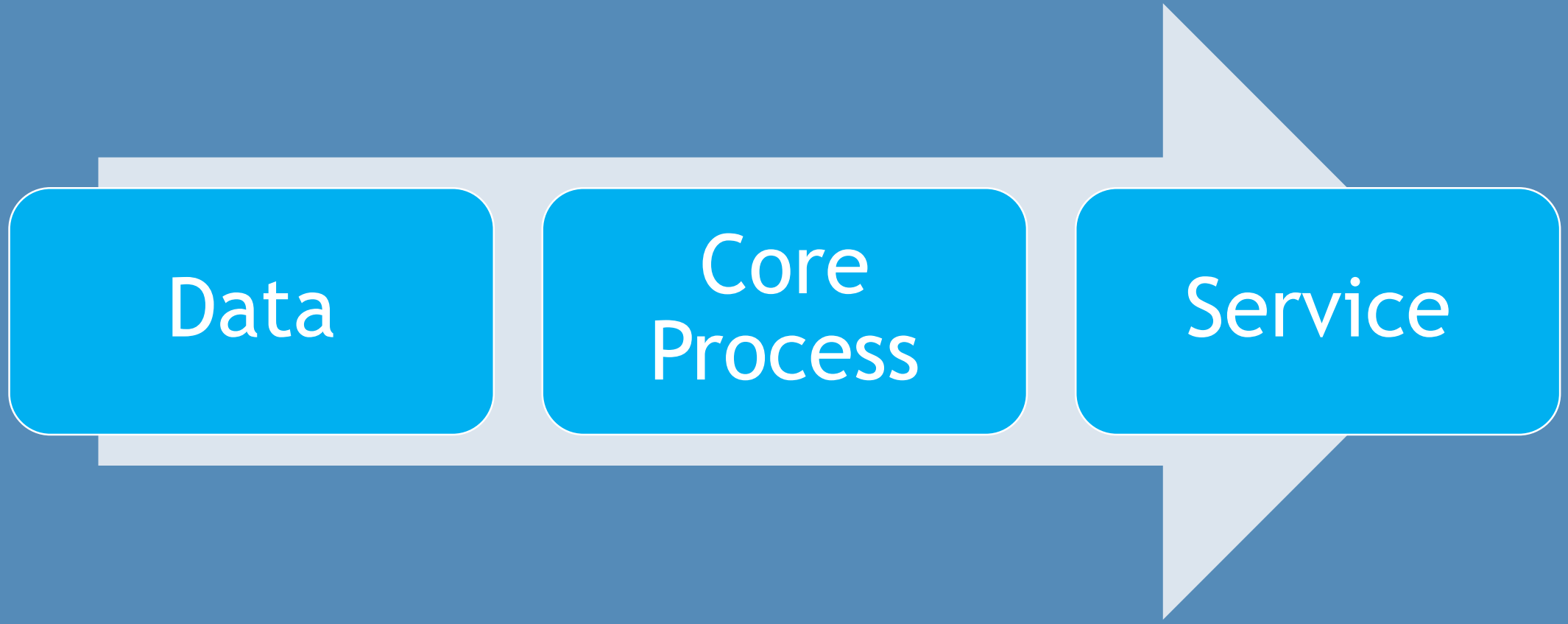
- We decided to create Medical Information System web application to maintain patient history (diagnosis , Radiology , Medical analysis , treatments , Drugs ) .
- User can create his own account that include his medical history.

# Motivation

- Our system is more secure , flexible and easy to use.
- Facilitate the process for the doctors to present the best solution to the patient through analysis and processing of patient medical history.

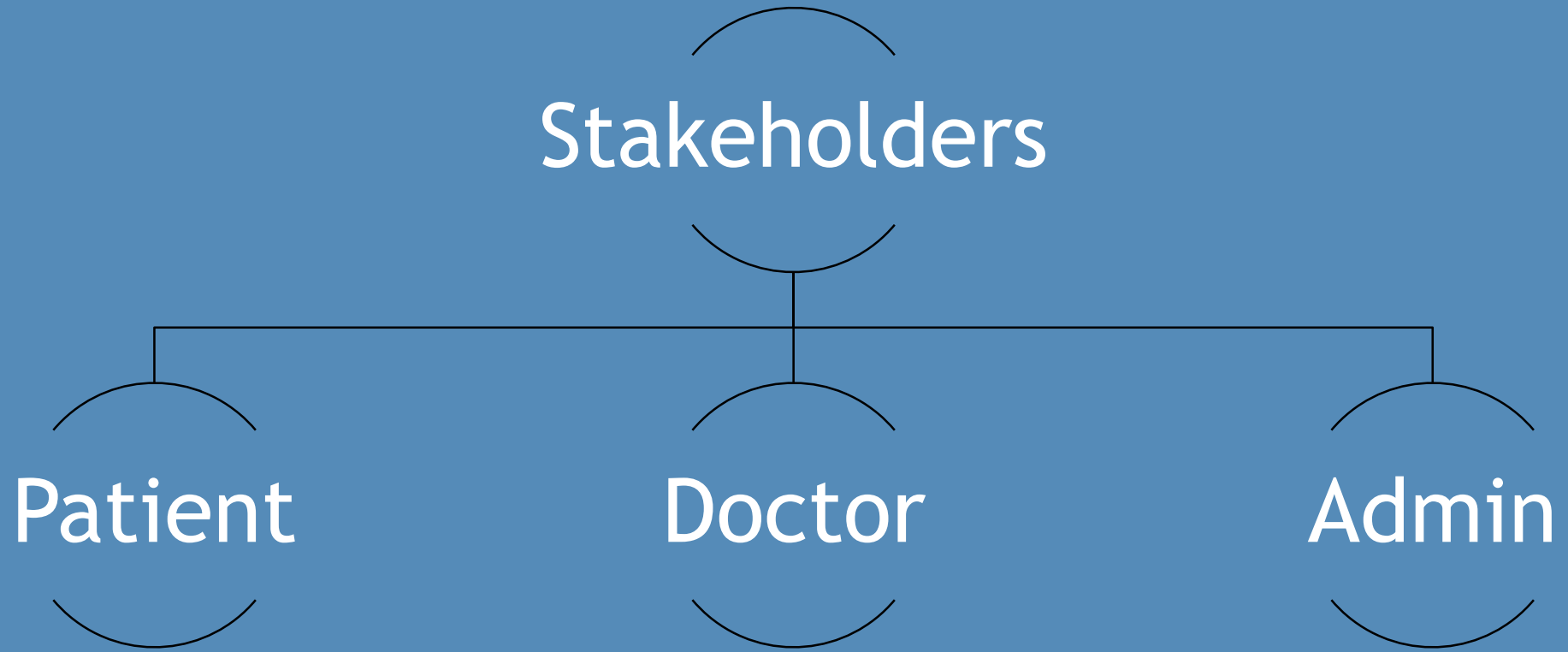
# Analysis

- Input/output.



# Analysis

- Input/output
- Stakeholders.



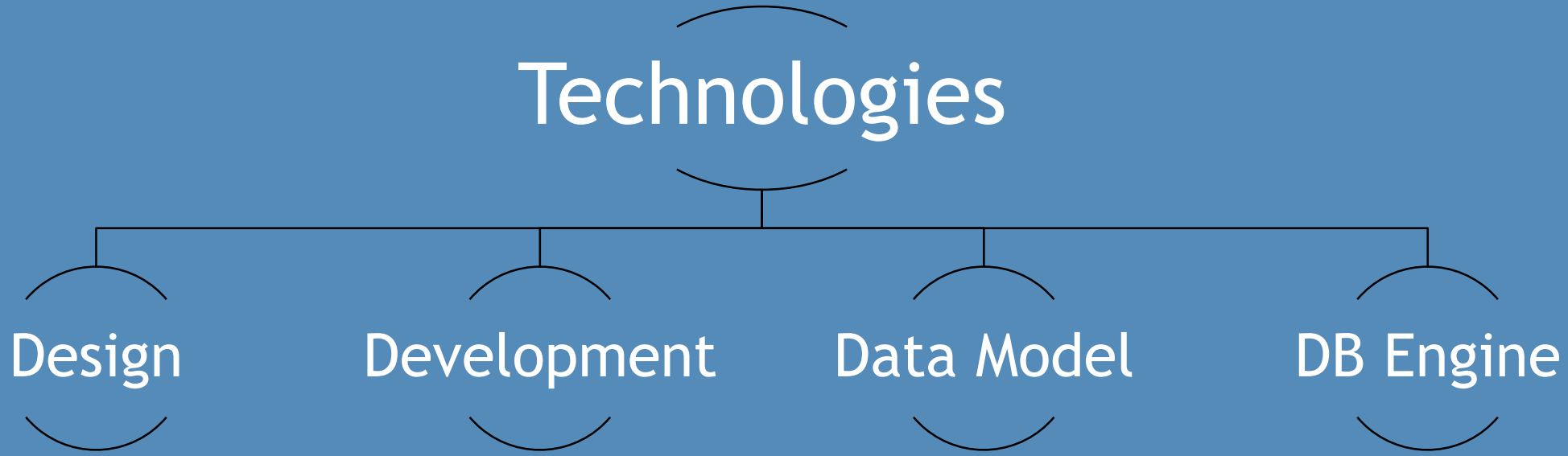
# Methodology

- Tools.
- Techniques.
- Technologies.
- Frameworks.

# Tools

- Visual studio 2013
- SQL Server management studio 2012
- SQL Express 2008
- Photoshop

# Technologies




- HTML
- CSS
- JavaScript

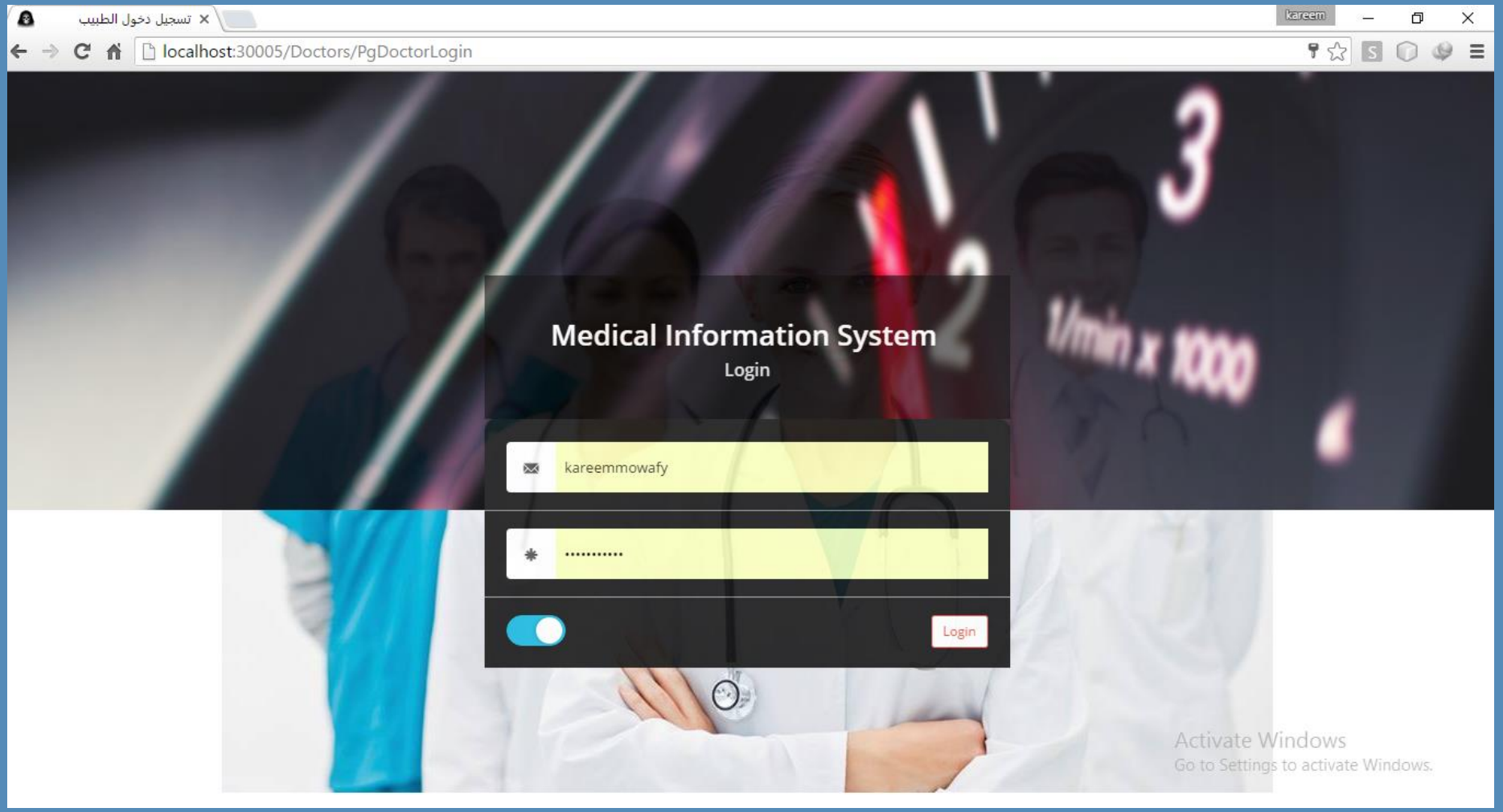
- C#
- ASP.NET

- C# Entity Frameworks
- LINQ
- ADO.Net

- SQL

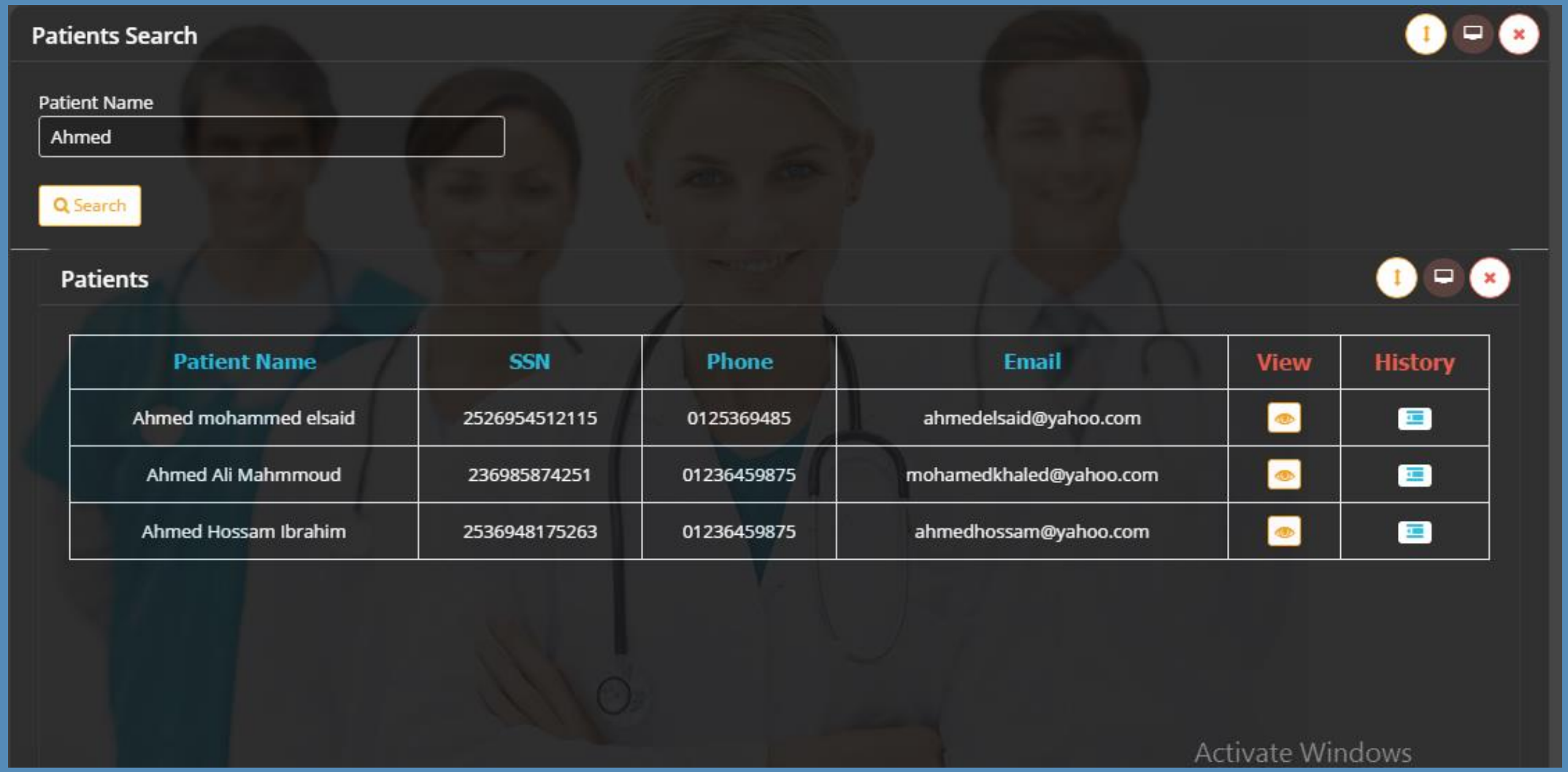
# Test.

## A doctor login and make search for a patient



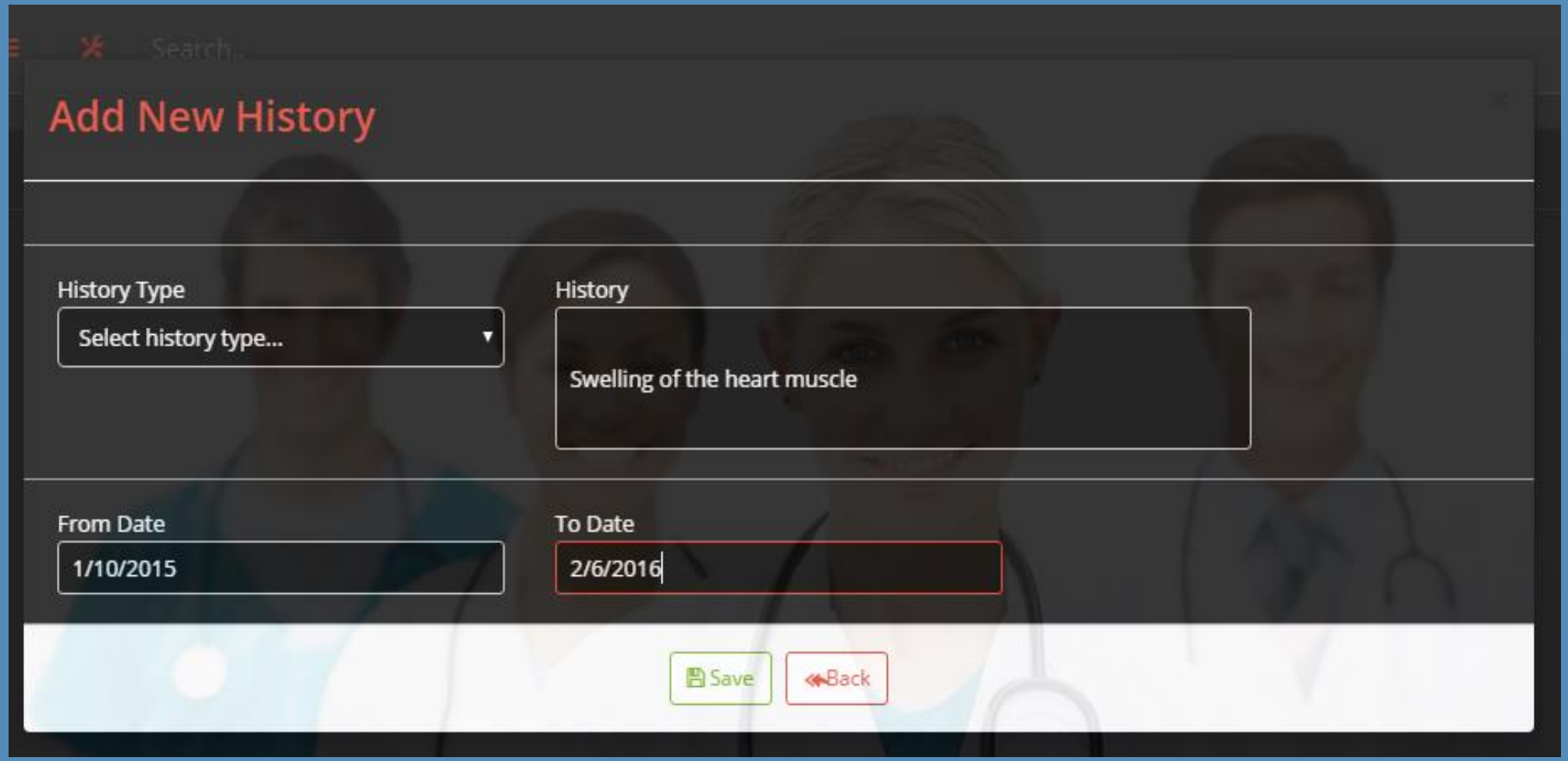
# Test

Then he search for patient  his name starts with Ahmed



# Test.

Then doctor add medical history to his patient



# Conclusions

Finally we designed a web application that save every patient history such as :

- Medical history data.
- The results of laboratory tests.
- Diagnostic.
- Radiology.

These web application enable doctor and patient to login and make doctor be able to search patient ,add patient and add history to his patient .

Every doctor and patient stores his personnel information including his name , SSN, phone number ,location and birthdate .

# Future Work

- Attaching the android application to the Web application through a web service.
- Completing the Dashboard to Control and manage the web application.
- Cross Mobile application.
- Rating the Web application.

# THANK YOU