

# Family Doctor

## Medicoder Team:

- Toan Quach
- Mark Pit
- Kamanashis Roy
- Long Ma

Instructor: Prof. Joe Bruen

<medi:coder>



13. Aug 2015



# Agenda

- **Overview**
- **Tools & Technologies**
- **Class Diagram**
- **Database Diagram**
- **User-Case Diagram**
- **Sequence Diagram**
- **Limitations**
- **Demo**

# Overview

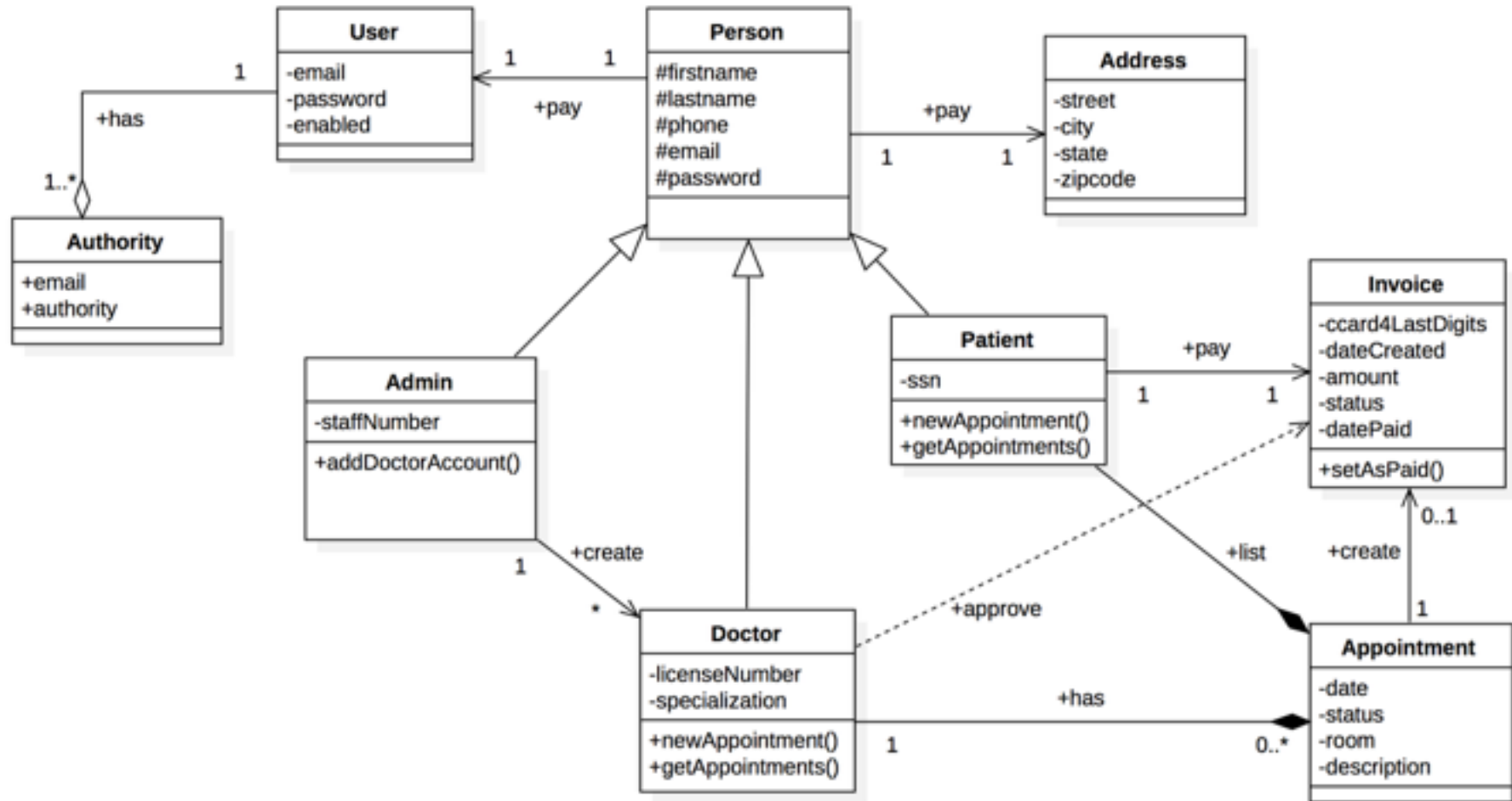
- **Patient registration, make an appointment online**
- **Doctor accept / reject an appointment and update invoice amount make it available for patient to pay.**
- **Admin can add / edit doctor information**
- **Spring MVC:**
  - Ease to maintenance
  - Reduce code redundancy
  - High extension
- **Internalization: support multiple languages**
- **User friendly UI.**

# Tools & Technologies

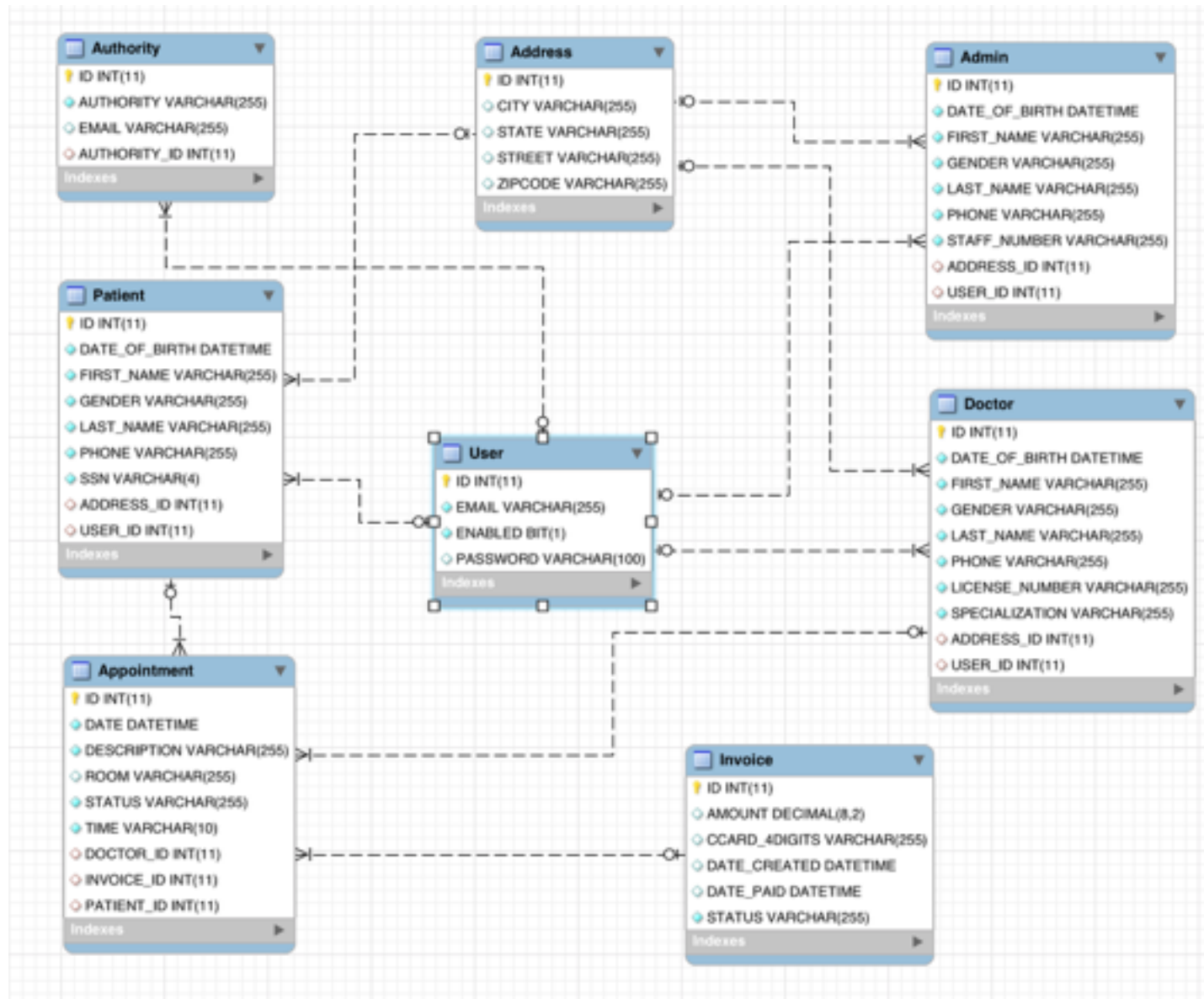
- **Spring MVC**
  - JSP
  - JSTL / EL
  - HTML, CSS, JQUERY
- **MySQL**
- **Validation**
- **JPA / Hibernate**
- **REST / AJAX**
- **Git / GitHub**
- **Balsamiq / STS**



# Class Diagram



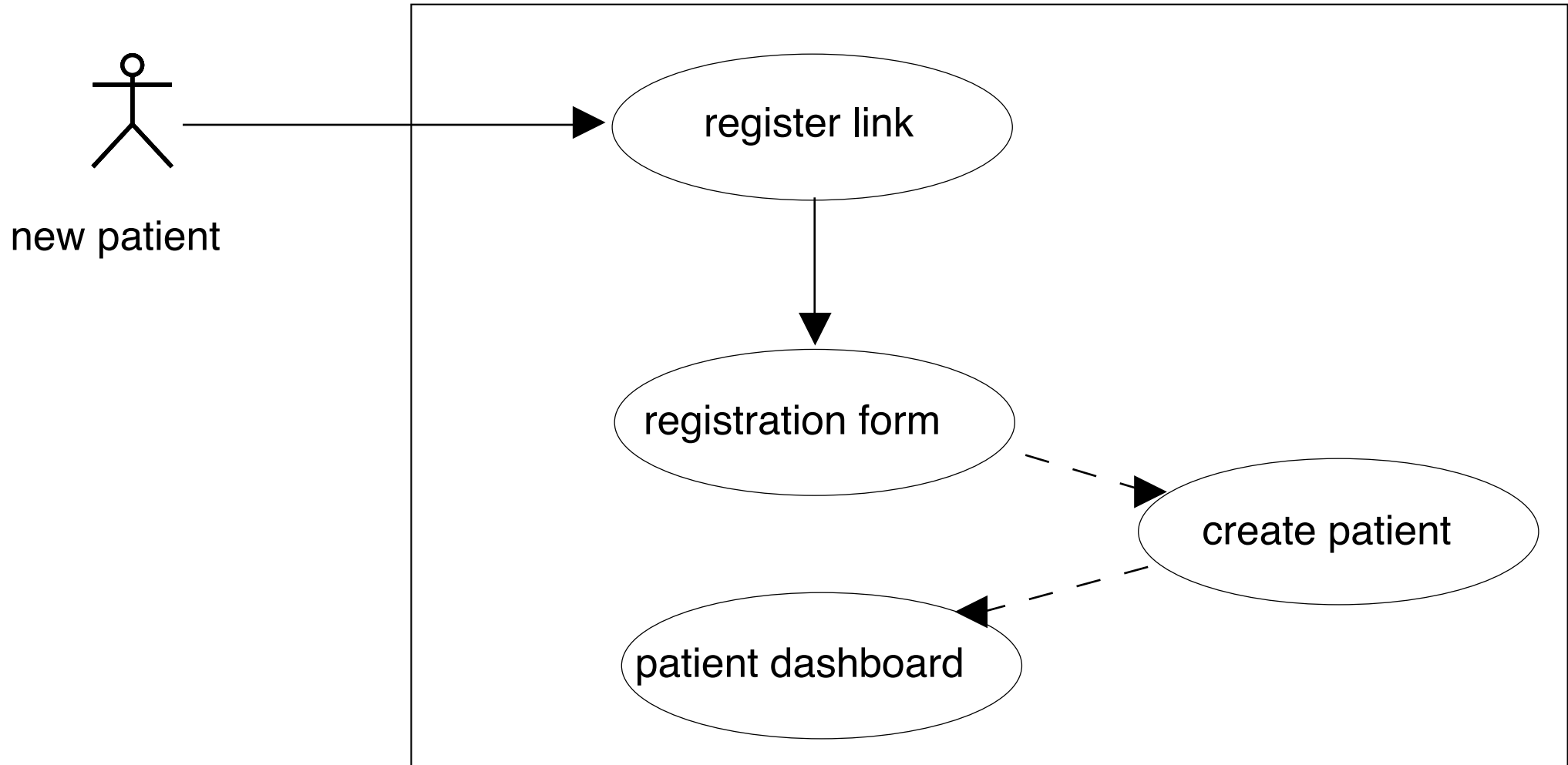
# Database Diagram



# User-Case Diagram

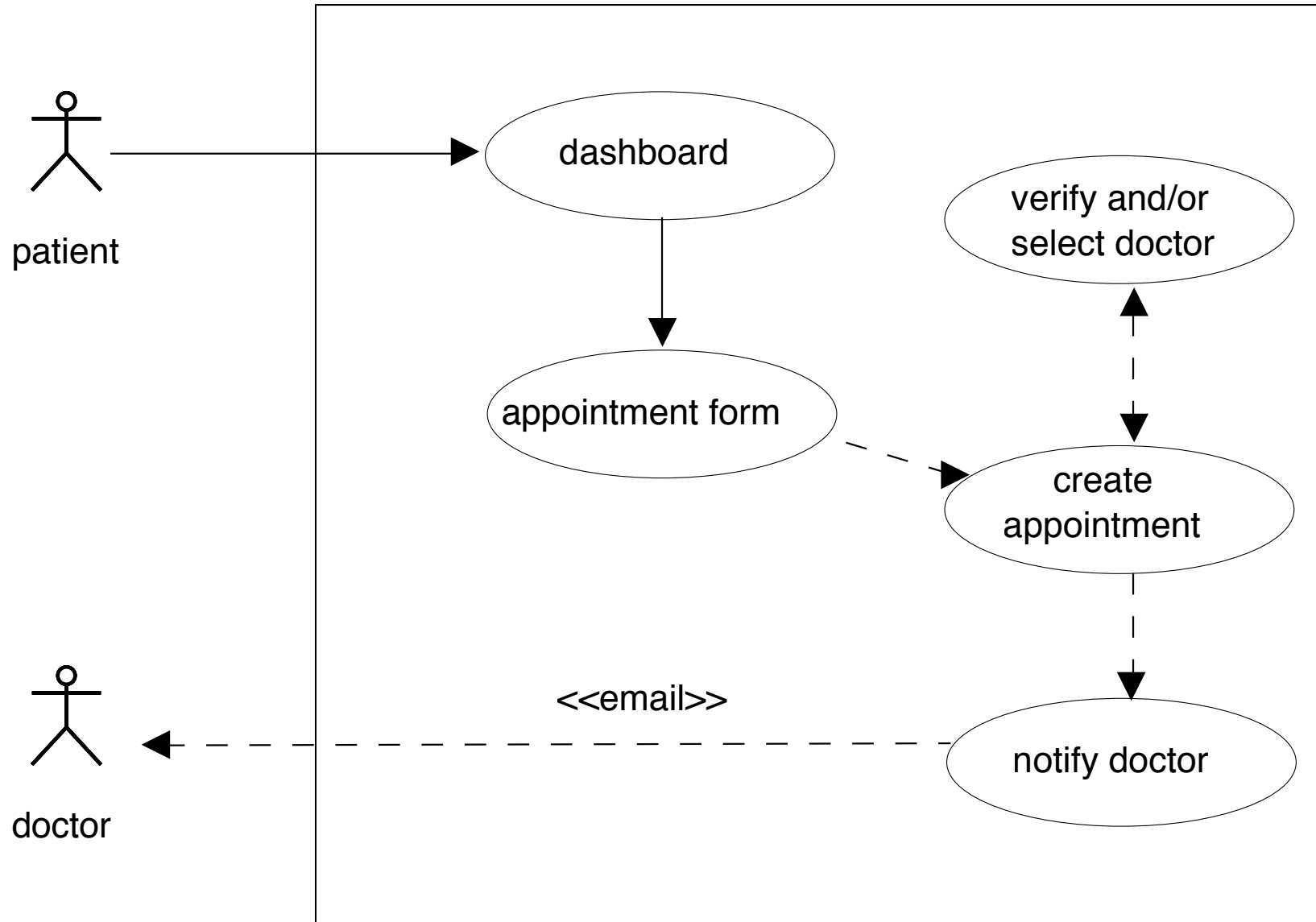
- **Patient**
  - ▶ **Registration online**
  - ▶ **Create / Cancel an appointment**
- **Doctor**
  - ▶ **Doctor update appointment**
- **Admin**
  - ▶ **Add / Edit doctor information**

# Patient Registration

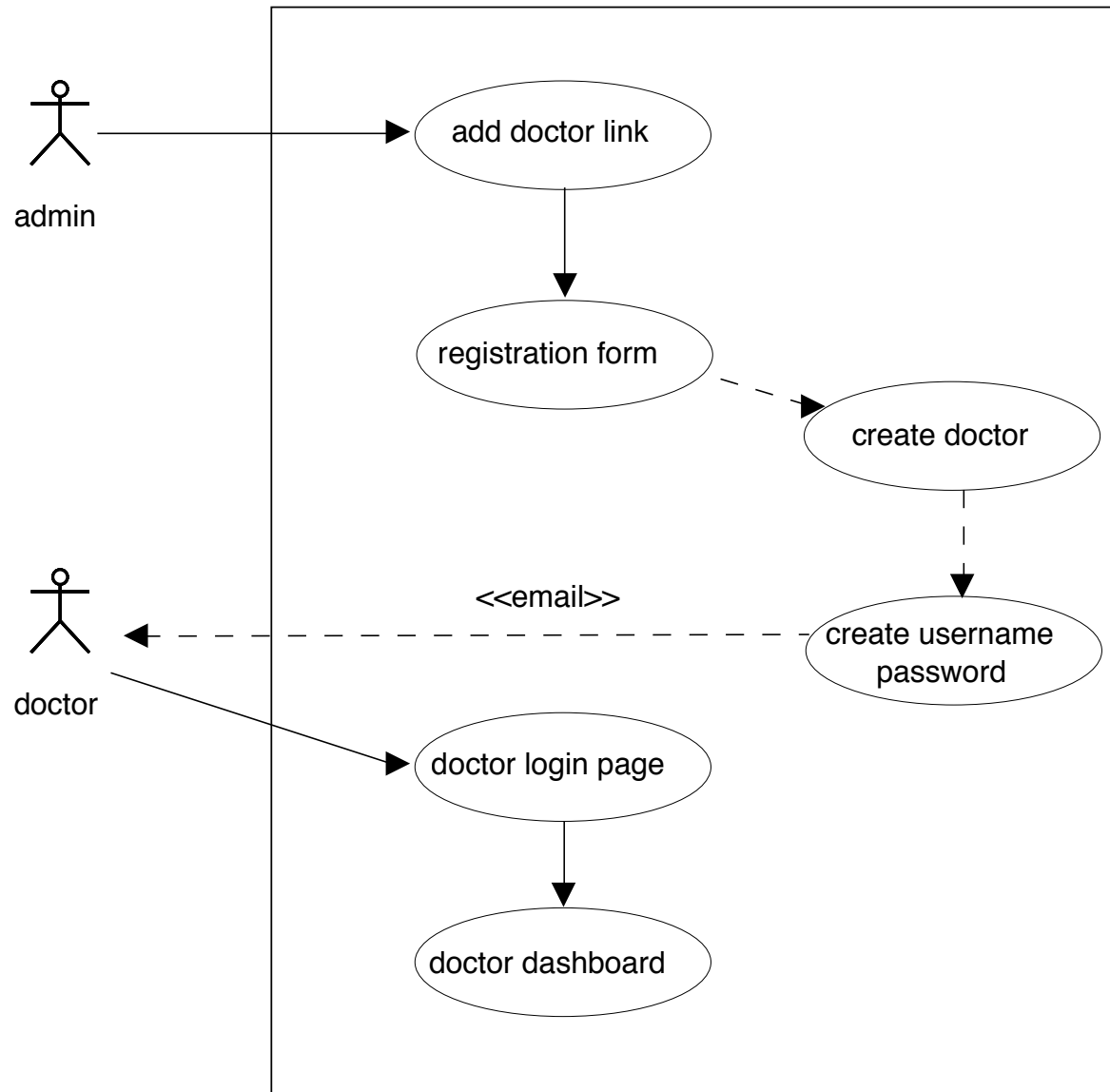




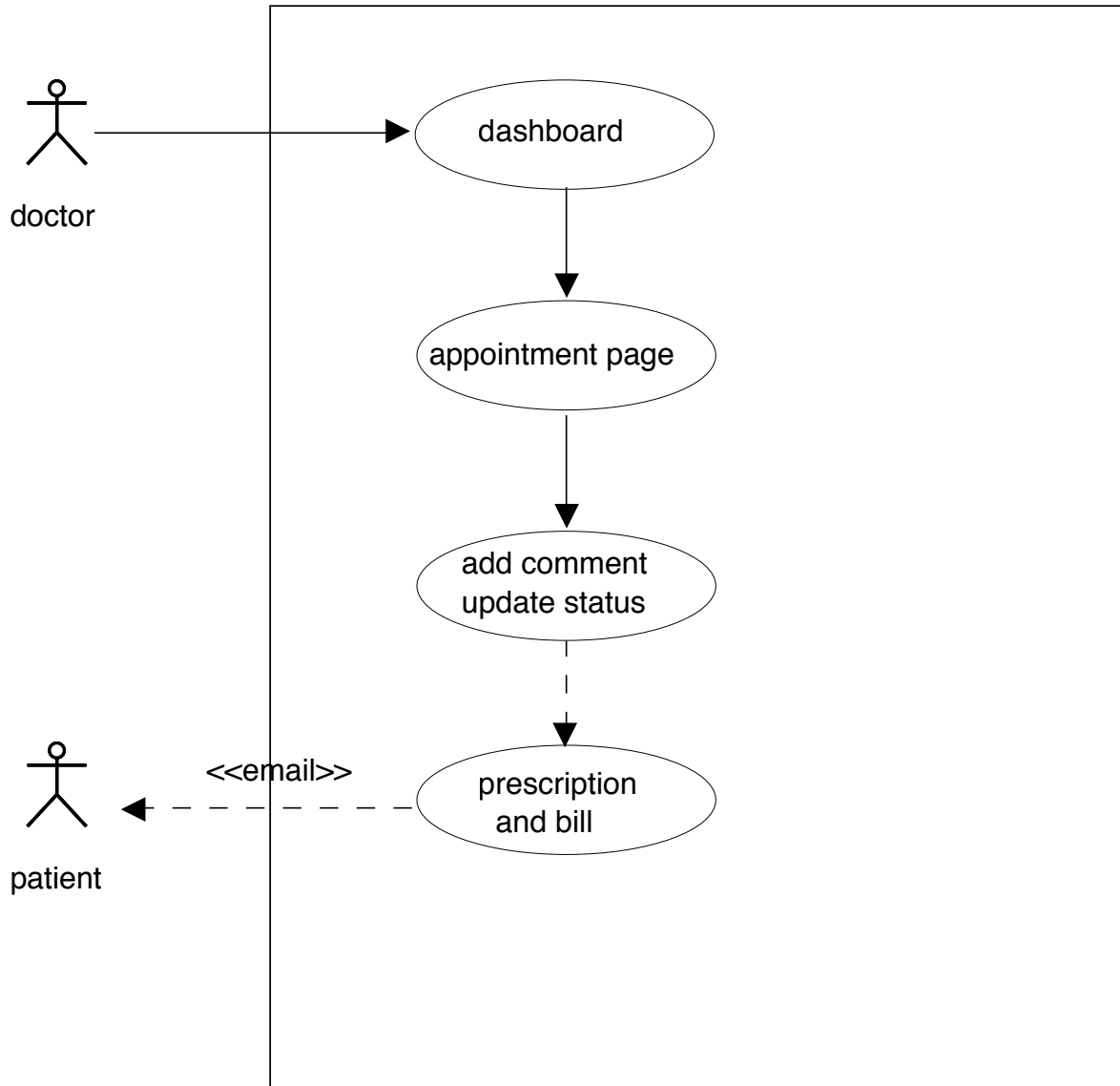
# Create Appointment



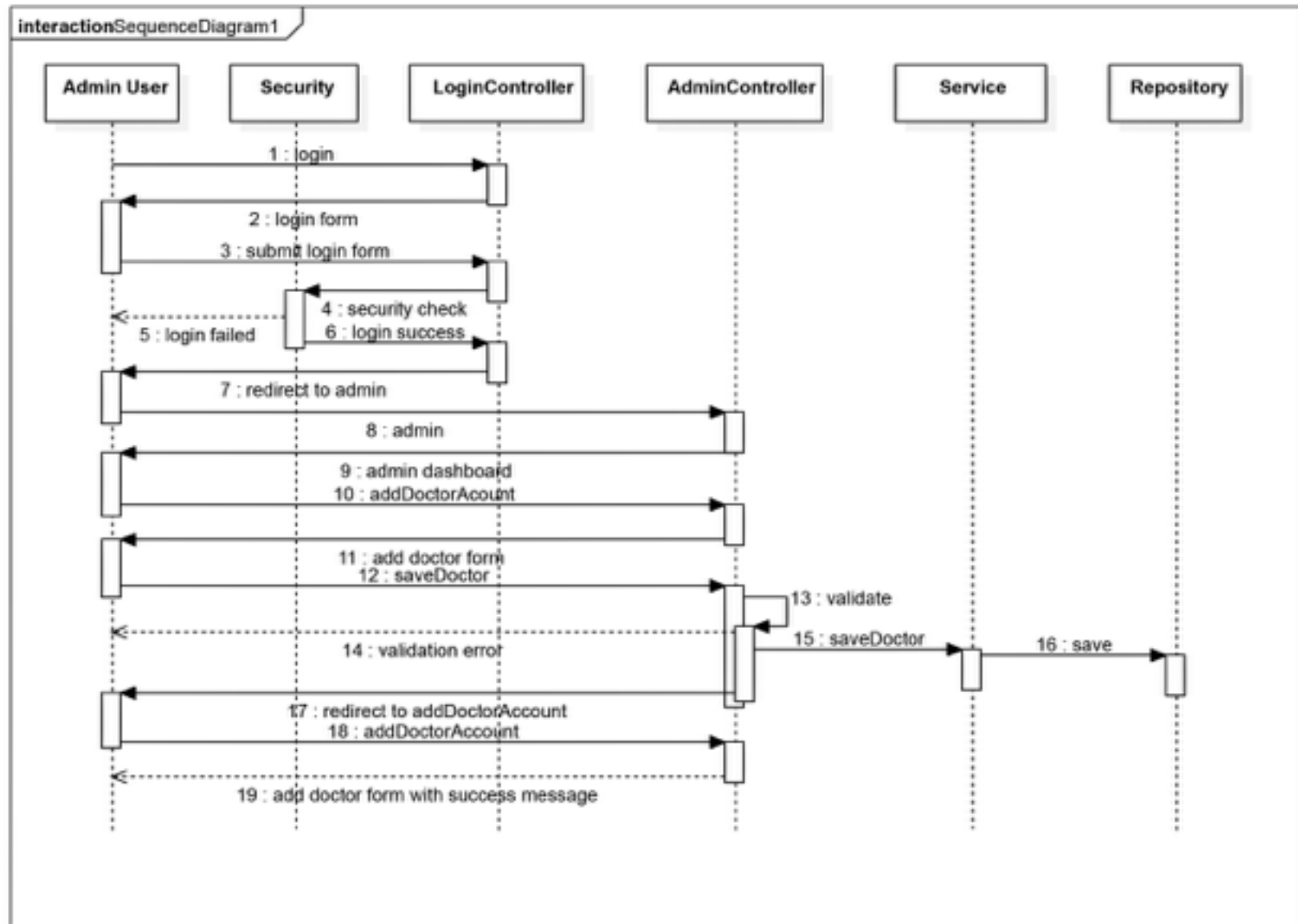
# Add Doctor (Admin)



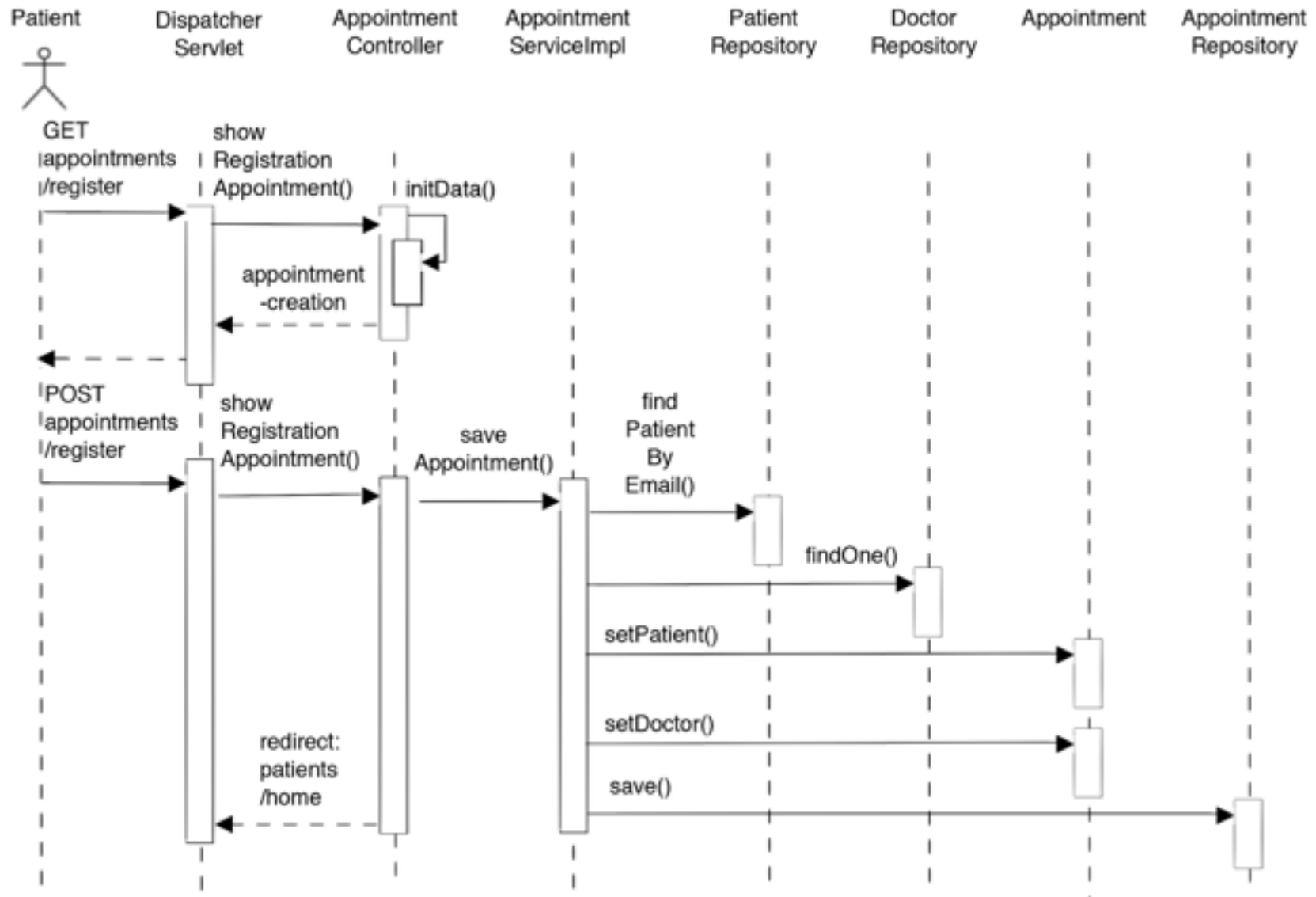
# Update Appointment (Doctor)



# Add Doctor Sequence Diagram




# Create Appointment Sequence Diagram




# Limitations

- **Payment function is not supported right now**
- **Validation is not fully implementation**
- **Static pages not available (company info, contact us, ...)**

# Live Demo

[What we serve](#) | [What you get](#) | [Who we are](#)[Join us >](#) | [641-FDOCTOR](#) | [EN | CN](#)



**Schedule an appointment**  
**Meet the doctor**  
**Get well soon**

*Experienced doctors*  
*Professional staffs*  
*Excellent environment*

### For Patients

Connect to your doctor and  
improve your health

Already have an account on Family Doctor?

Login

New to Family Doctor?

### News & Events




Kid's health care costs growing fastest

What should we eat before, during and after a run?

Big Data analysis research projects target cancer

Do you know what your hospital is charging you?

Staff Login

[Terms](#) | [Privacy](#) | [Contact Us](#) | ©2015 All Rights Reserved by Family Doctor.[Follow us on](#)   

**Thank You!**