# **Family Doctor**

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#### **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









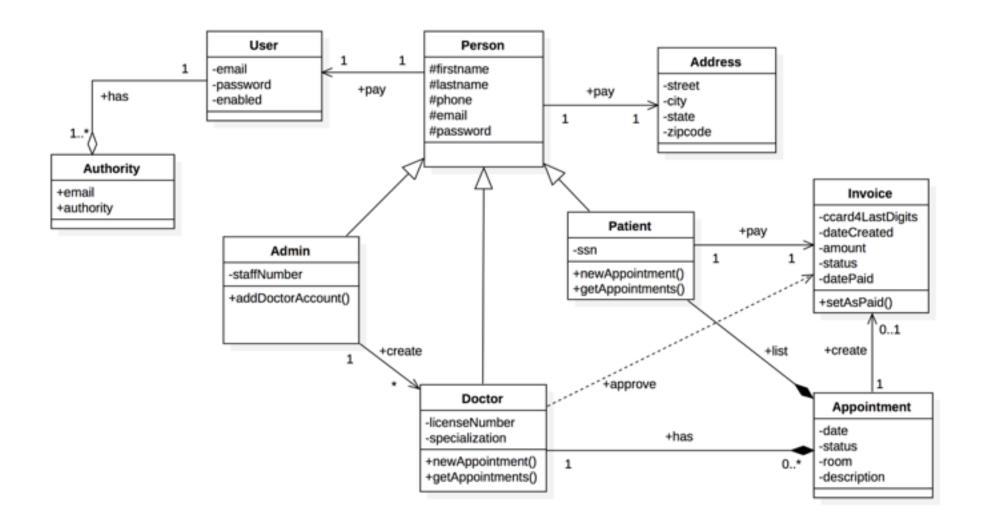




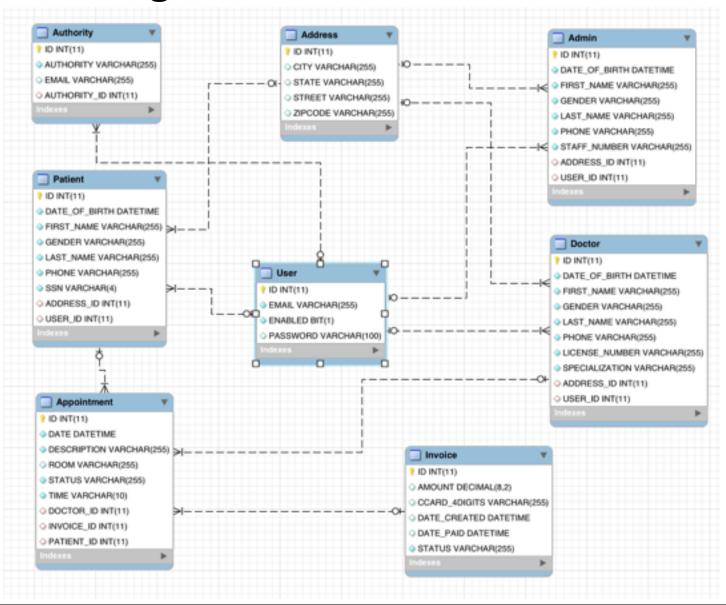




### **Class Diagram**



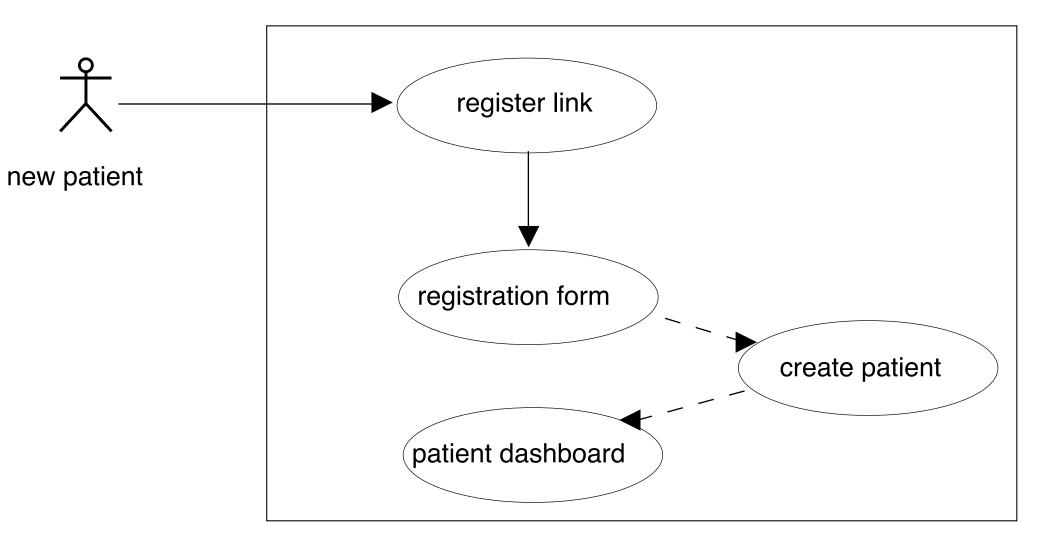
#### **Database Diagram**



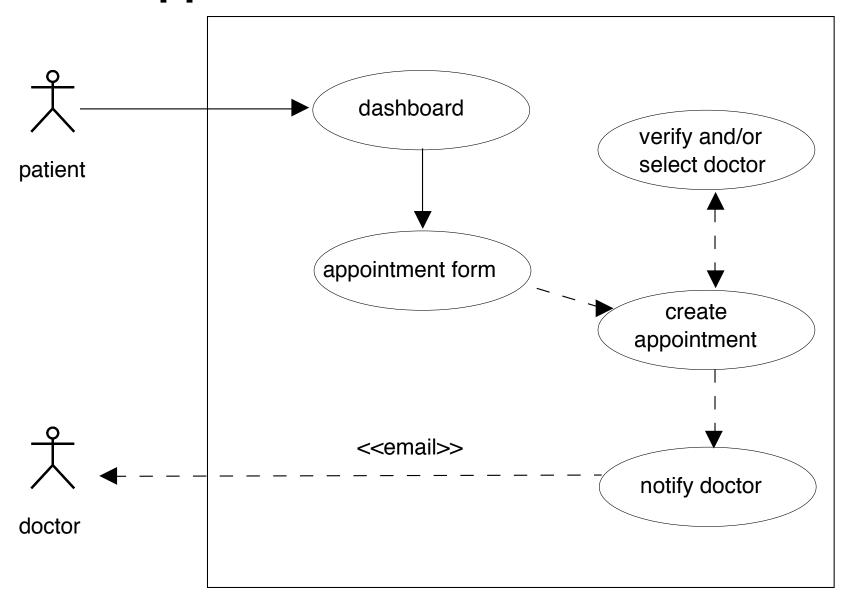
### **User-Case Diagram**

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

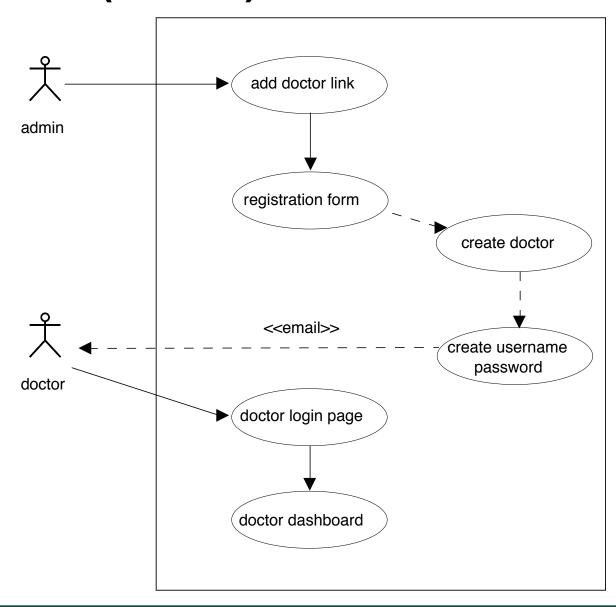
### **Patient Registration**



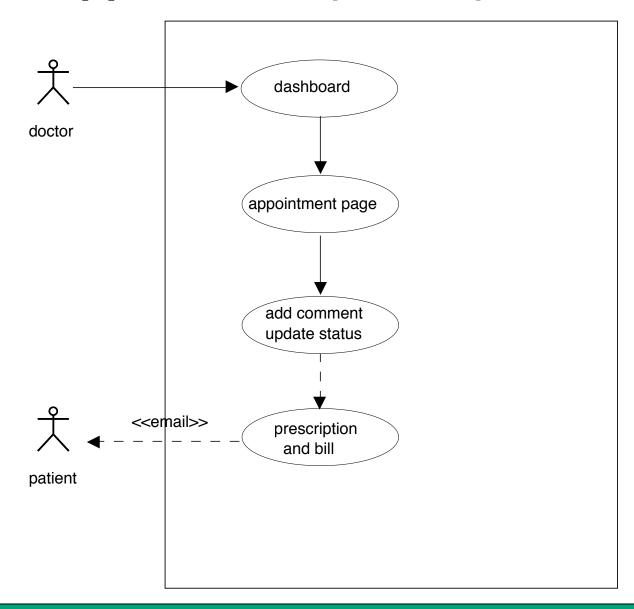
## **Create Appointment**



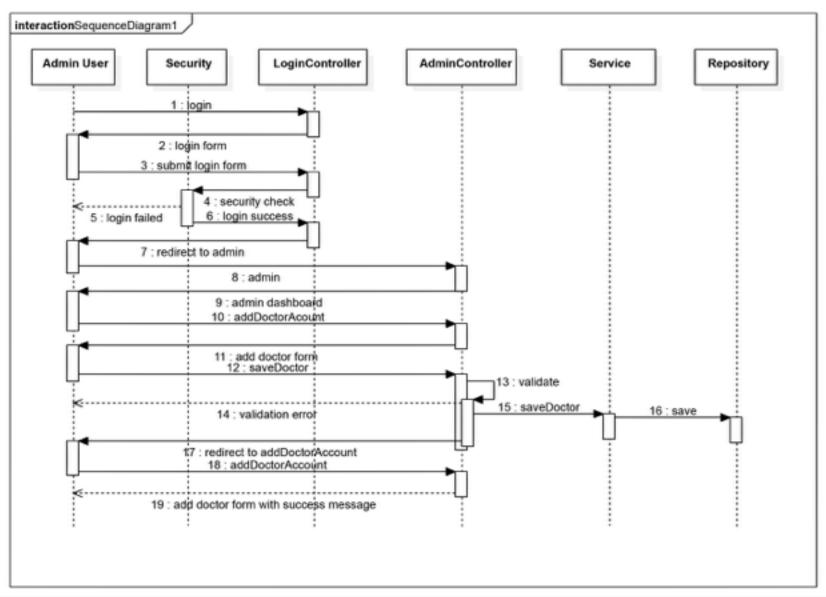
### Add Doctor (Admin)



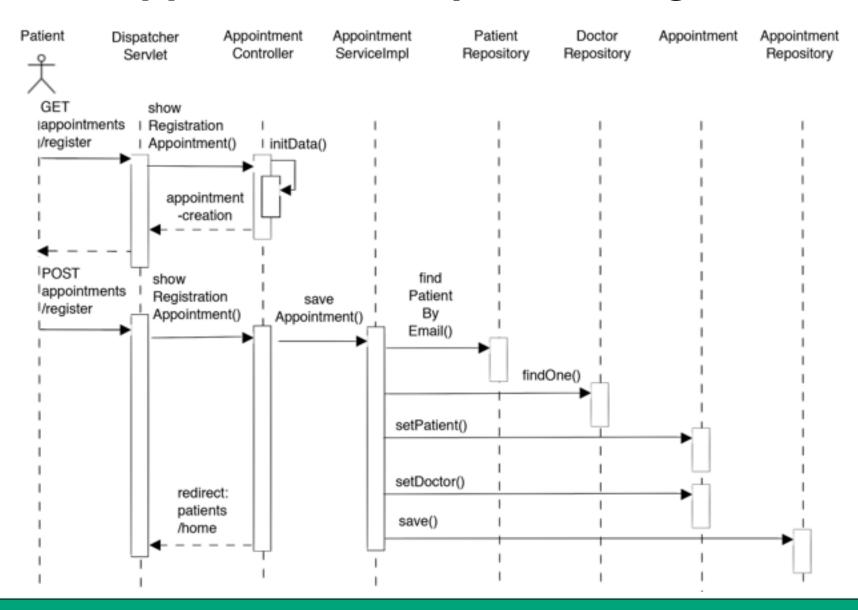
# **Update Appointment (Doctor)**



## **Add Doctor Sequence Diagram**



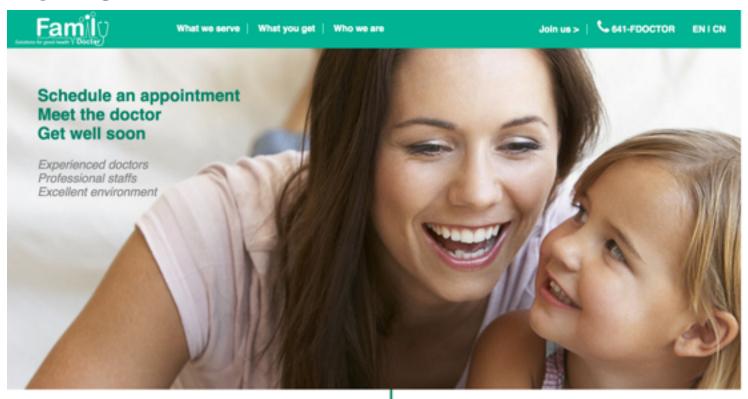
## **Create Appointment Sequence Diagram**



#### **Limitations**

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

#### **Live Demo**



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#### **Thank You!**