



# *HealthNet*

by 2BD

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# Hello!

**We are 2BD, aka 'f261-05b'.**

We are here to tell about what we've been working on for the past 6 weeks.



# Agenda

Process Model

Diagrams

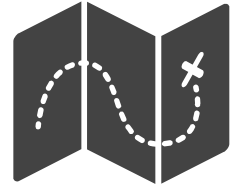
Demo

Questions?



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# Process Model







# Communication

- Frequent updating of Trello board
- Slack for messaging
- Google Drive and LucidCharts
- Meetings with Dr. House
- Requirements elicitation
- Weekly meetings with flexible times



# Planning

- Risk assessment with weekly status
- Being realistic
- 'Separation of Concerns' when possible
- Scope/End Goal in mind at all times
- Coding standards





# Modeling

- Reasoned with number of modules with relation to integration vs. development
- Low coupling and high cohesion (see use case diagram and UML class diagram)
- Traceability and updating living docs as changes are made



# Construction

- Top-down construction
- Generalization first, then specialization
- Tests built as modules are created
- V-Model
- Most coding was done during meetings
- Version Control was handled carefully





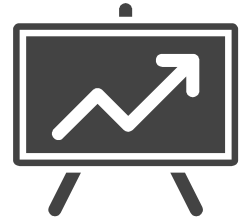
# Deployment

- Complete packaged delivery
- Appropriate instructional material
- Fully tested, features listed
  - missing features from requirements listed
  - known bugs detailed
- Previous deliverables updated and resubmitted

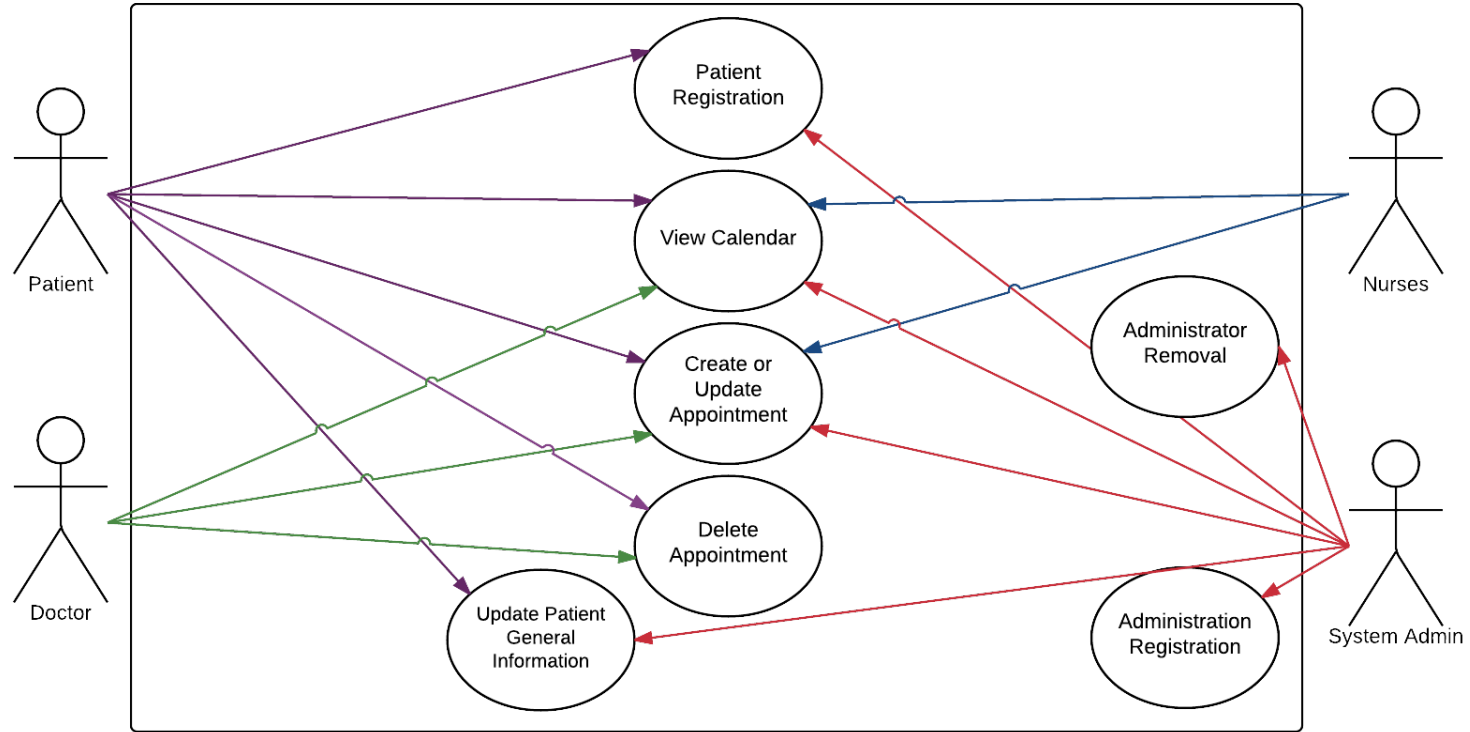


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# Diagrams

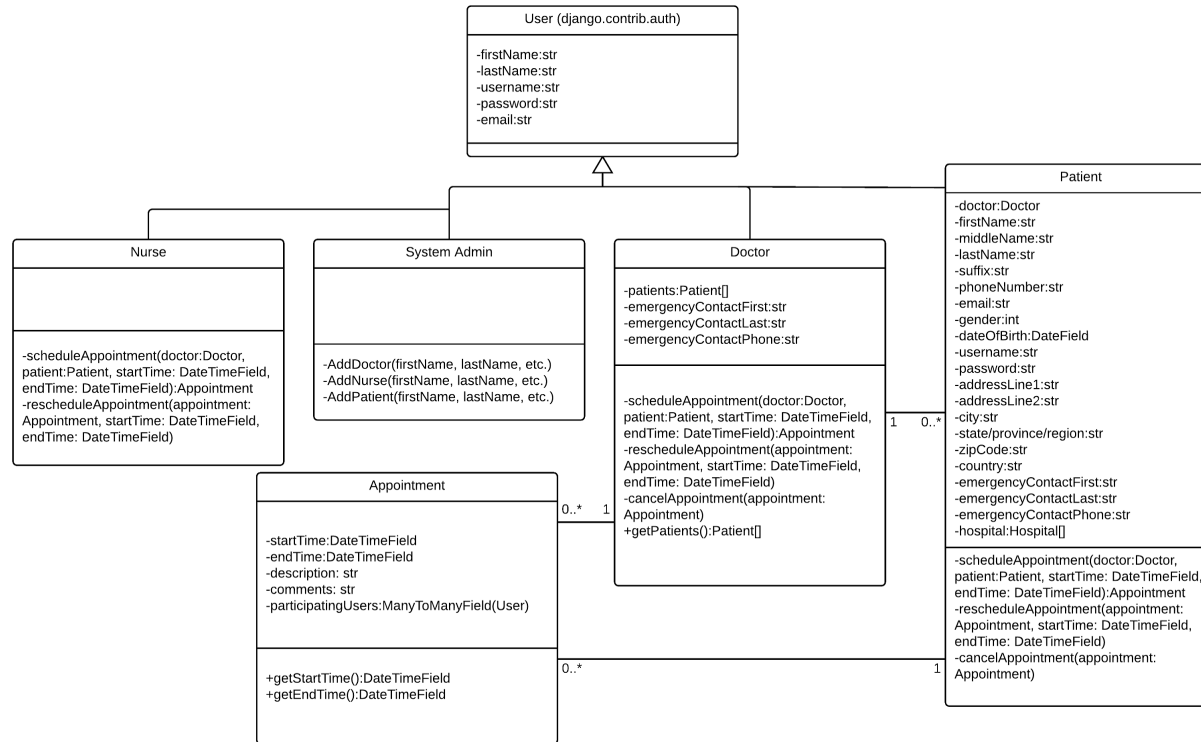




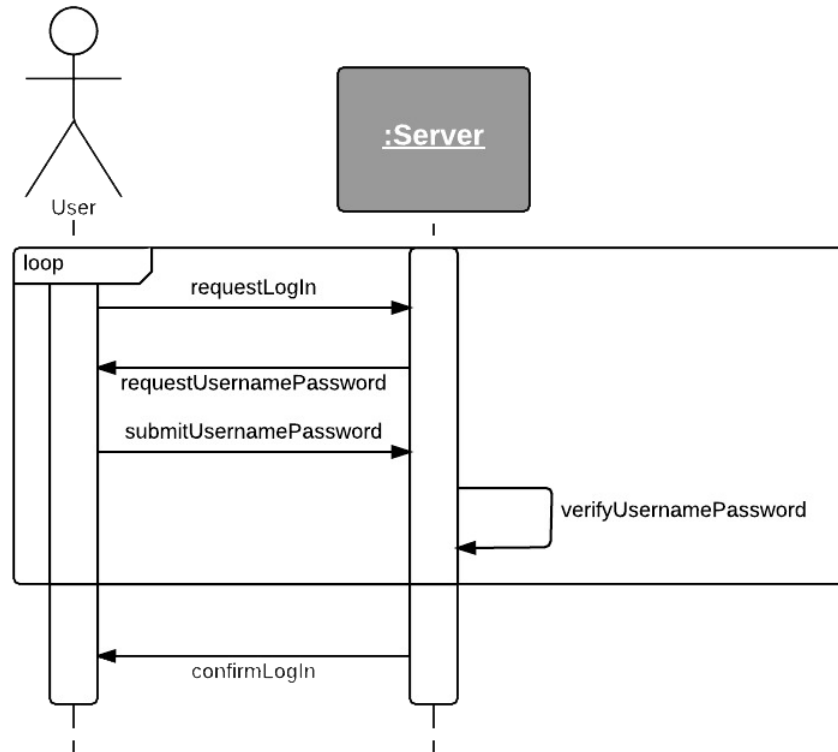


Use Case Diagram





UML Class Diagram



Sequence Diagram for UC#1: Login



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Demo





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Q&A

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# Thank you!

Hope the rest of your day goes well and thanks for taking time out of your day to listen.

We really appreciate it!