UCSC

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How The IT Industry Handles Development Projects

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Key Topics

- Global Office Concept
- Version Control Systems
- A Sample Project
- Basic Project Architecture
- Sample Technology Stack

Global Office Concept

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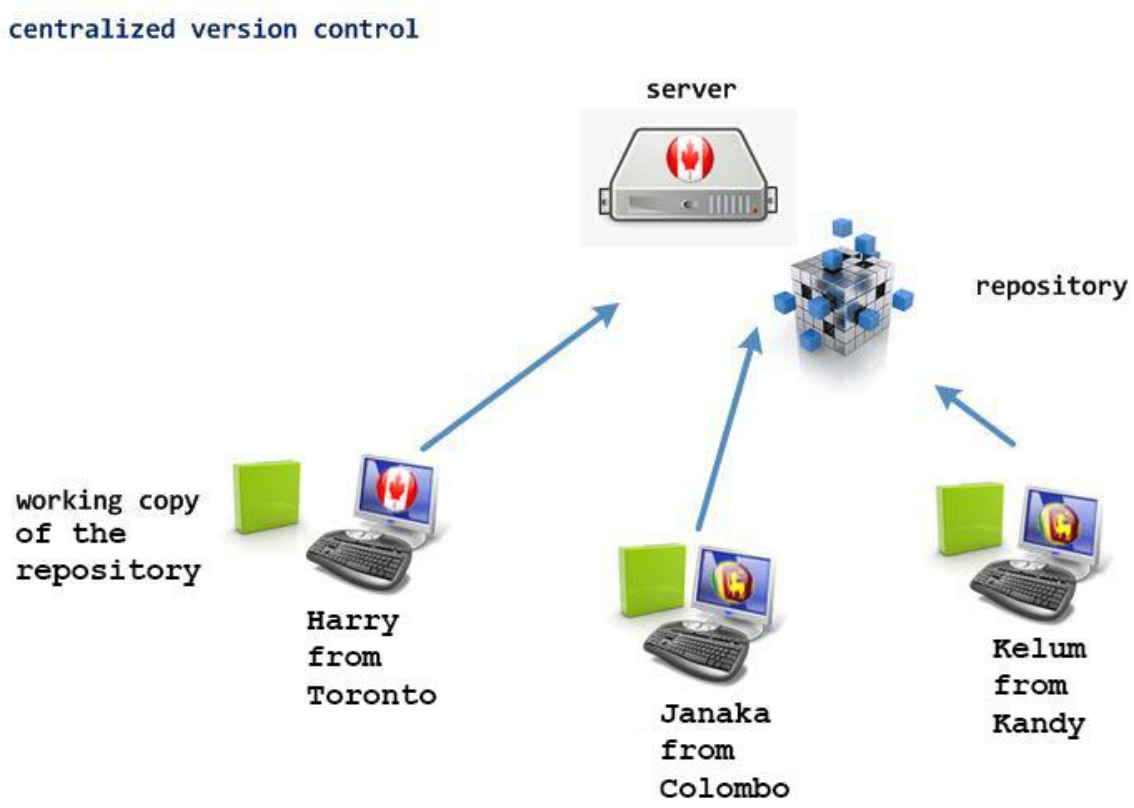
Collaboration

- Communication
- Document sharing
- Issue tracking

Round-The-Clock Programming

How Do They Manage The Source Code?

Version Control Systems



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Key Features of a Version Control System (VCS)

- Backup and Restore.
- Synchronization.
- Change History
- Track Changes.
- Track Ownership
- Branching and merging

Reference:
http://betterexplained.com/articles/a-visual-guide-to-version-control/

Some of the Popular Version Control Systems

Reference:
http://www.smashingmagazine.com/2008/09/18/the-top-7-open-source-version-control-systems/

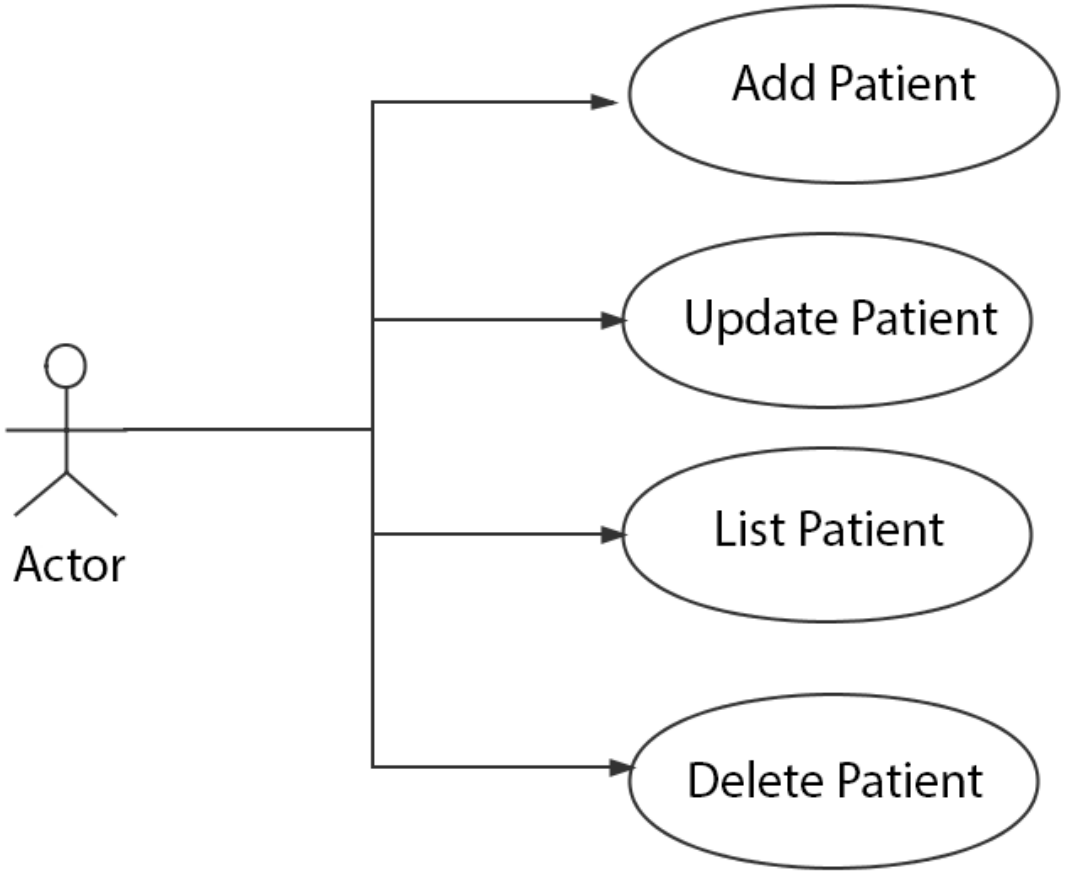
GitHub (https://github.com/)

- Cloud Based
- Use git Version Control System
- Free for public projects

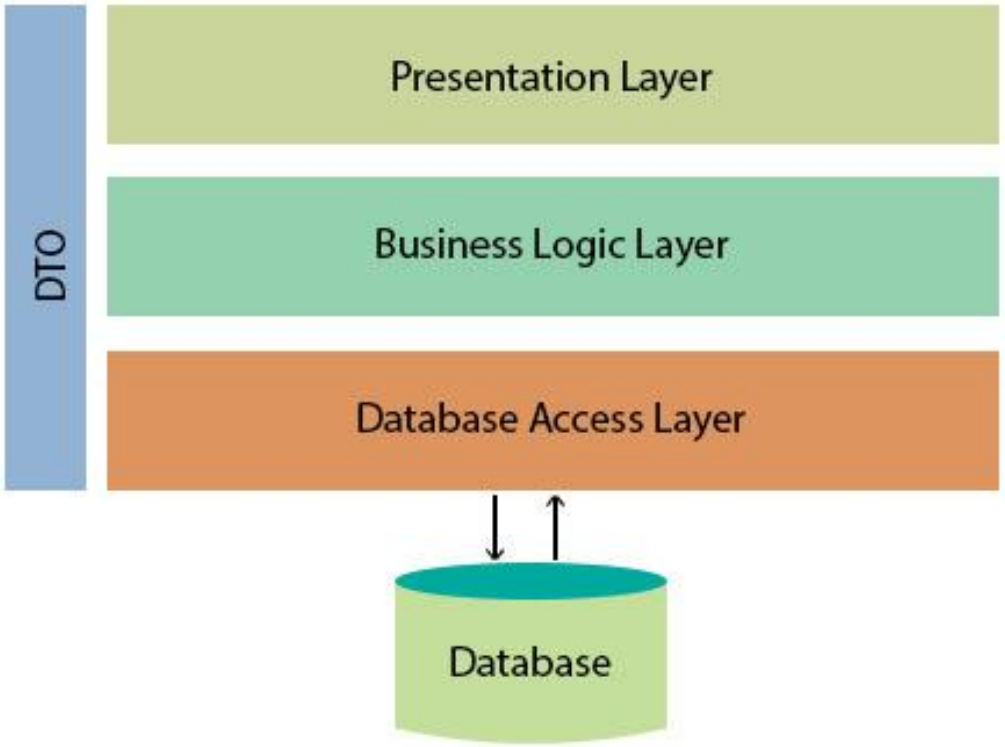
Note down the below URL

https://github.com/BSharpDemo/sample1

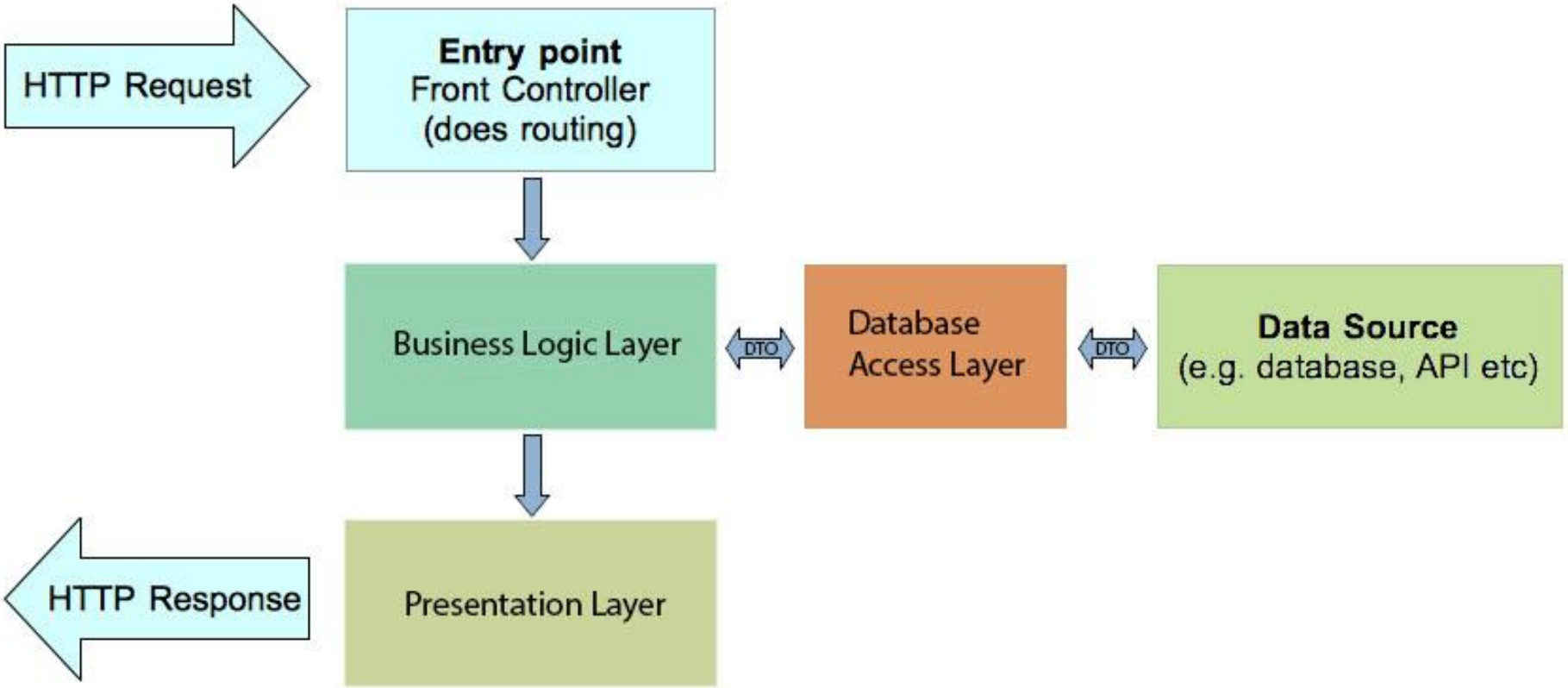
Use Case


Add Patient
Update Patient
List Patient
Delete Patient
Actor

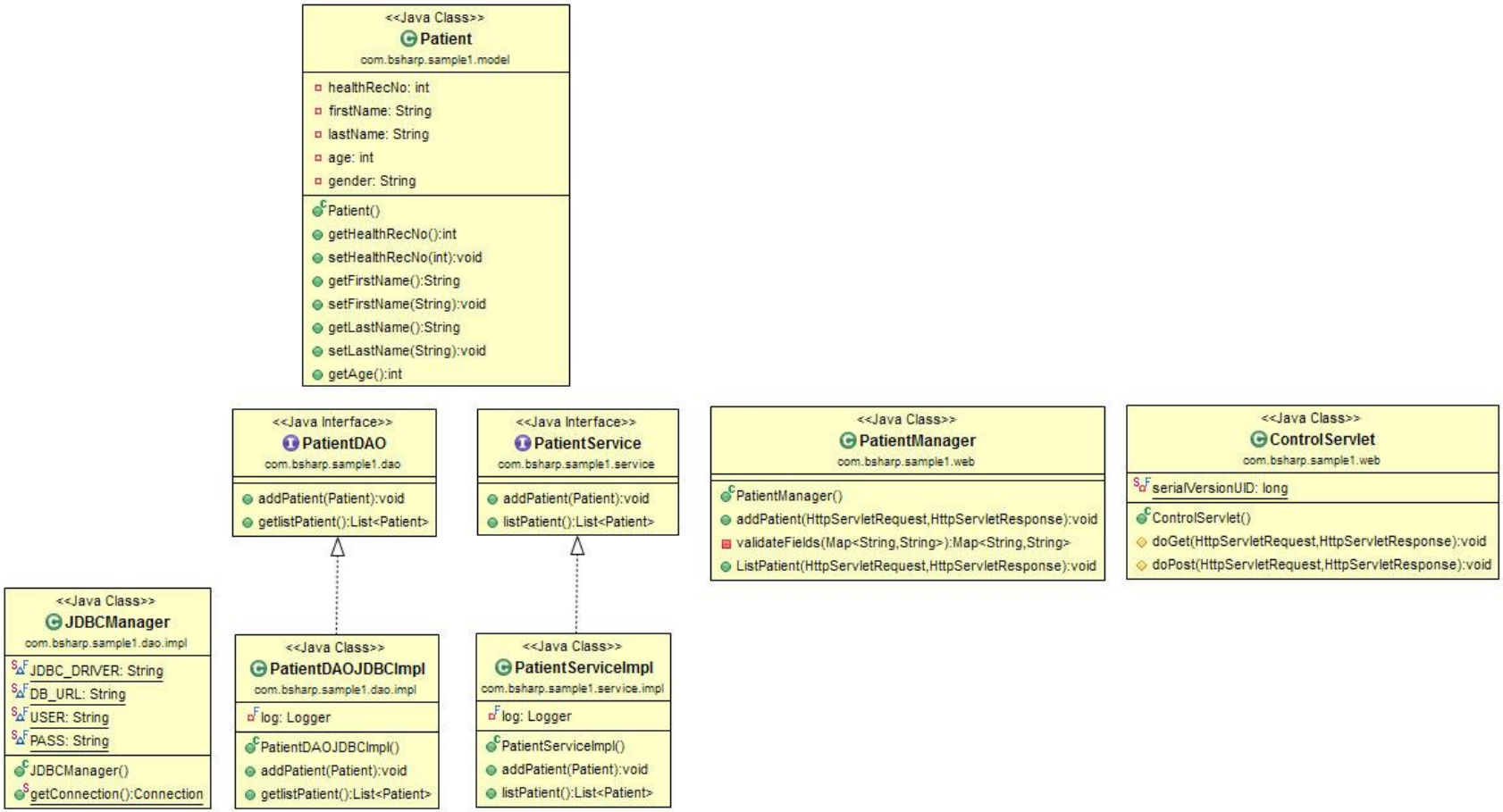
Basic Project Architecture



Control Flow



Sample Project Class Diagram



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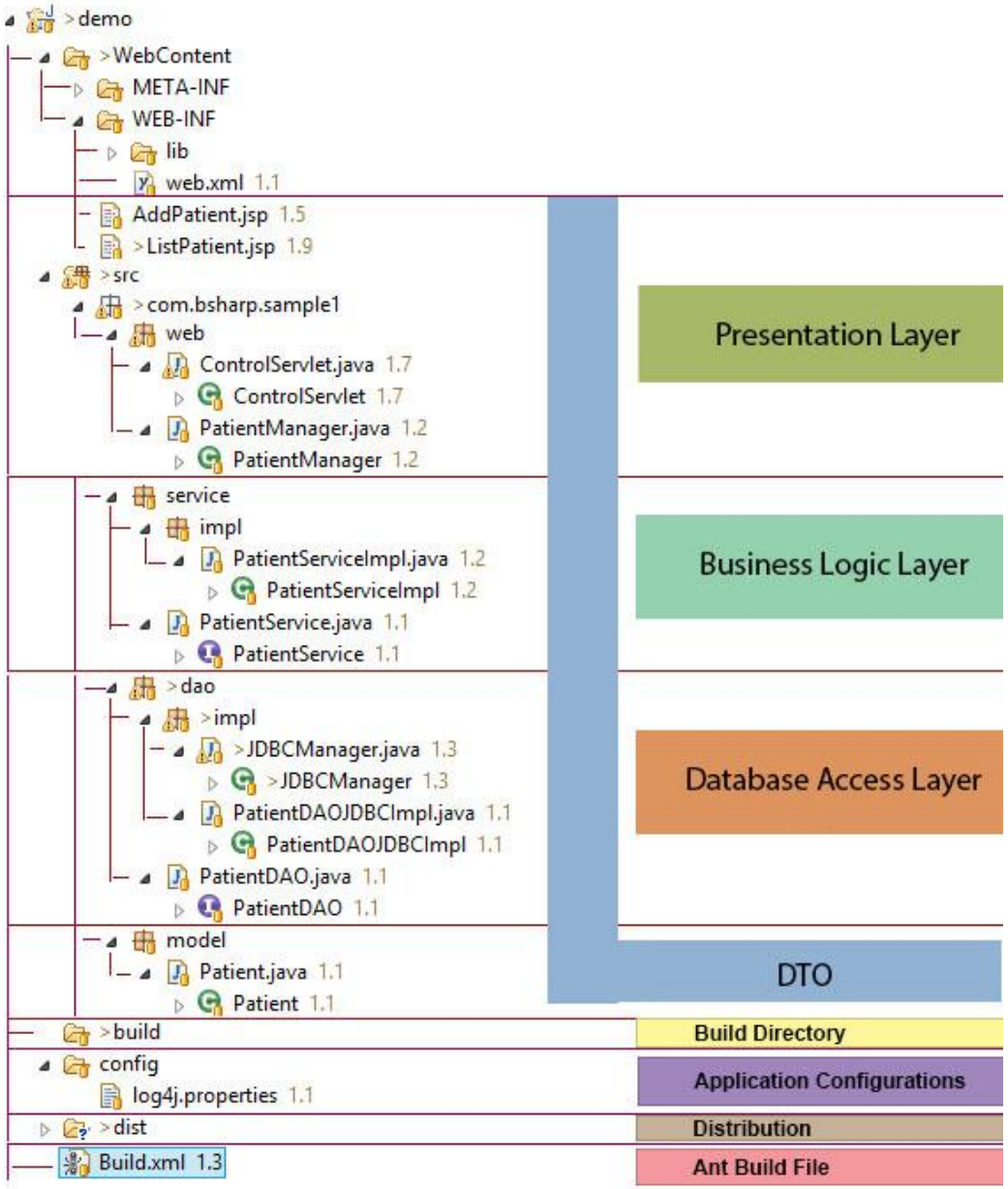
Package Structure



Technology Stack

Questions

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