Development of Team Competence and IT Projects at Hospital

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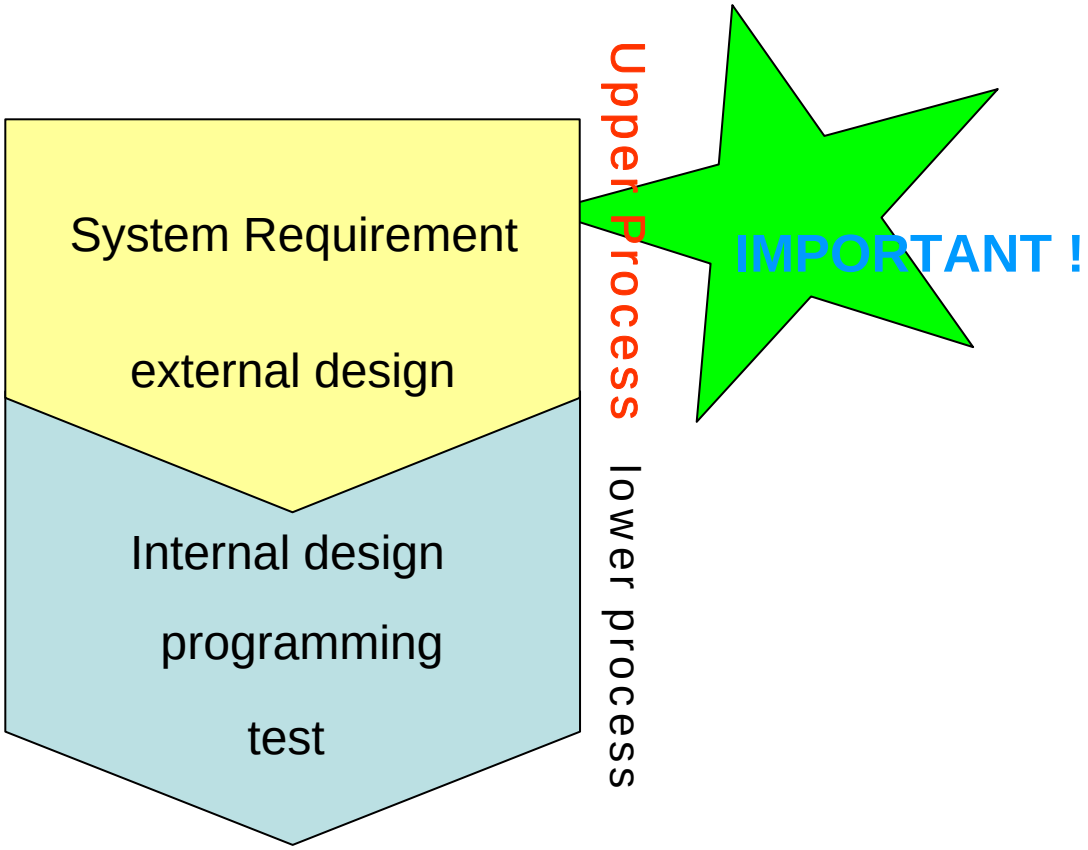
Objectives

To know how to organize IT Project Team at Hospital

To know how to develop competence of IT Project Team/Members at Hospital

To know how to manage the "upper process" of developing Healthcare Information Systems at Hospital

Process of the System Development



Healthcare Information Technologist

since 2003

certified by

Japan Association for Medical Informatics (JAMI)

3 categories of the Exam.

Health Care

Health Information Systems

Information Technology

Healthcare Information Technologist ® Exam. Short Course at our Hospital

Instructors: successful applicants of the last year exam.

10 – 15 lectures of "Information Technology" for the exam.

Pass Rate: 35 % (avr.)

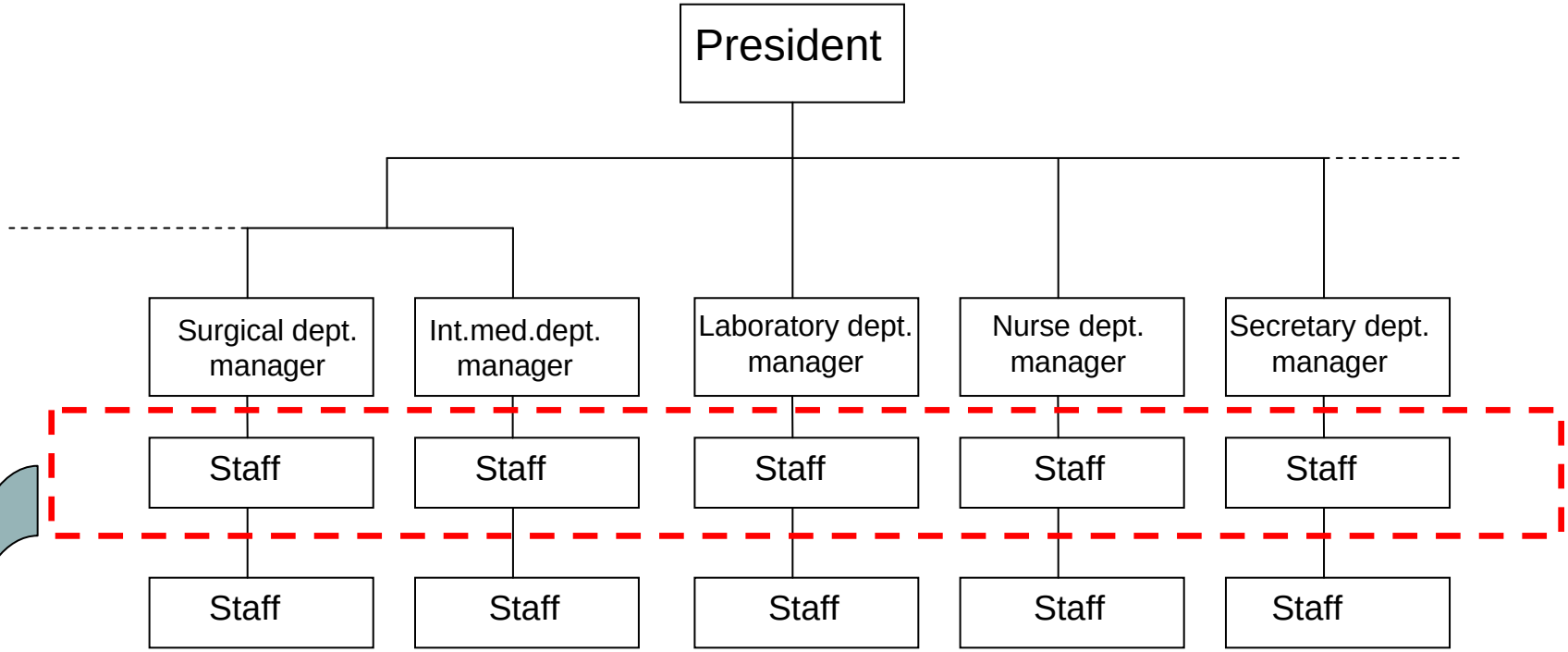
Photo-Retouch: Candidates attending the Exam. Short Course

IT Project Team Members at our Hospital

Doctor	5
Nurse	4
Pharmacist	4
Medical Laboratory Technologist	6
Radiological Technologist	5
Clinical Engineering Technologist	1
Physical Therapist	1
Secretary	4
Total	**30**

Healthcare Information Technologists

Organizational Structure of our IT Project Team



Project Coordination: **Matrix Organization**

blend of functional and projectized characteristics

3 SIGs (Special Interest Groups) in our IT Project Team

1) Network SIG

2) Data Base SIG

3) Information Security SIG

Photo:
Network SIG members are training with a router and a few switches under the instruction of Cisco network engineer.

Hospital Staffs (system users)

IT Project Members

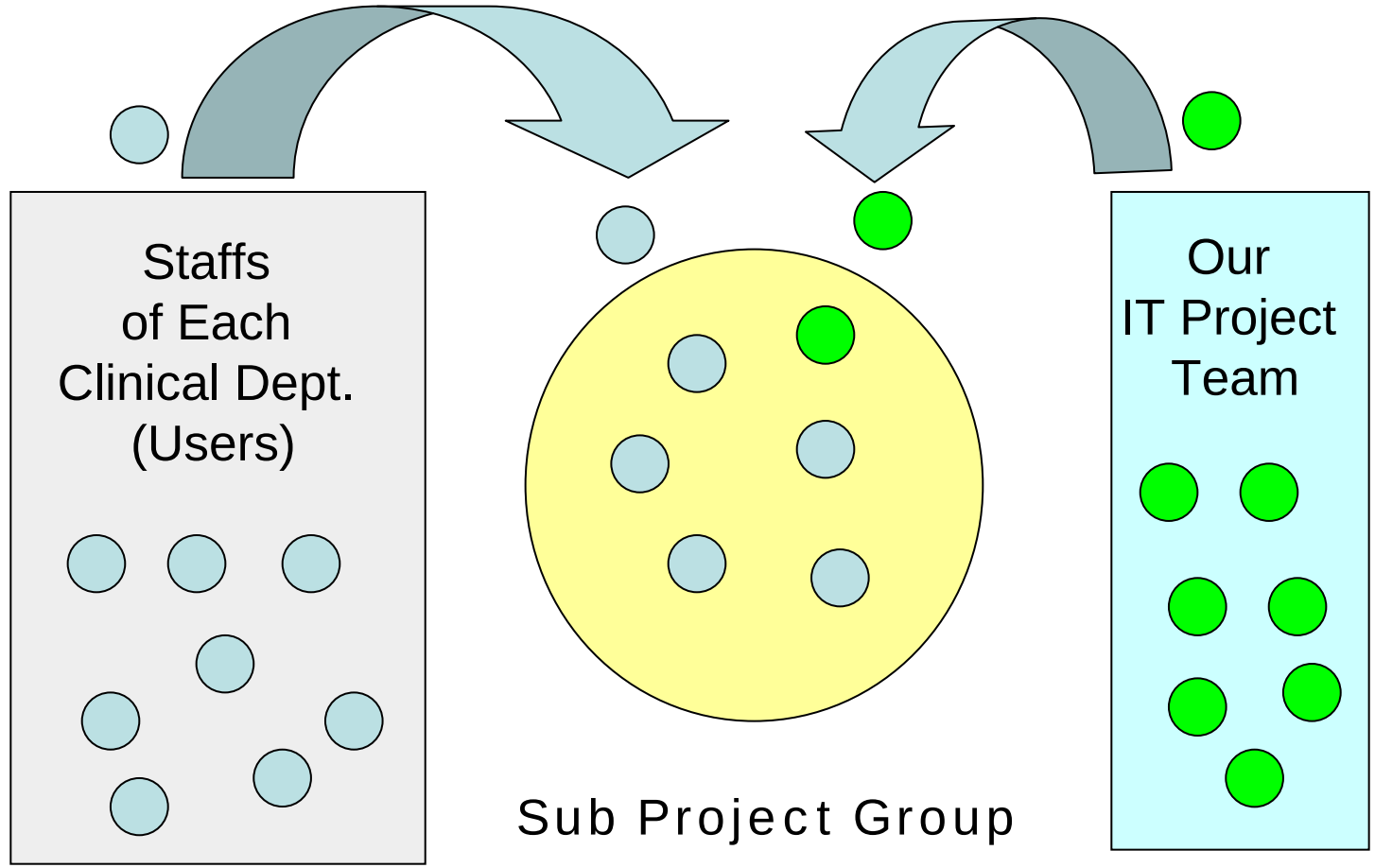
PMBOK

Project Communication Management
Project Human Resource Management
Project Integration Management

UML

UseCases
Sequence Diagram
Classes, Activities

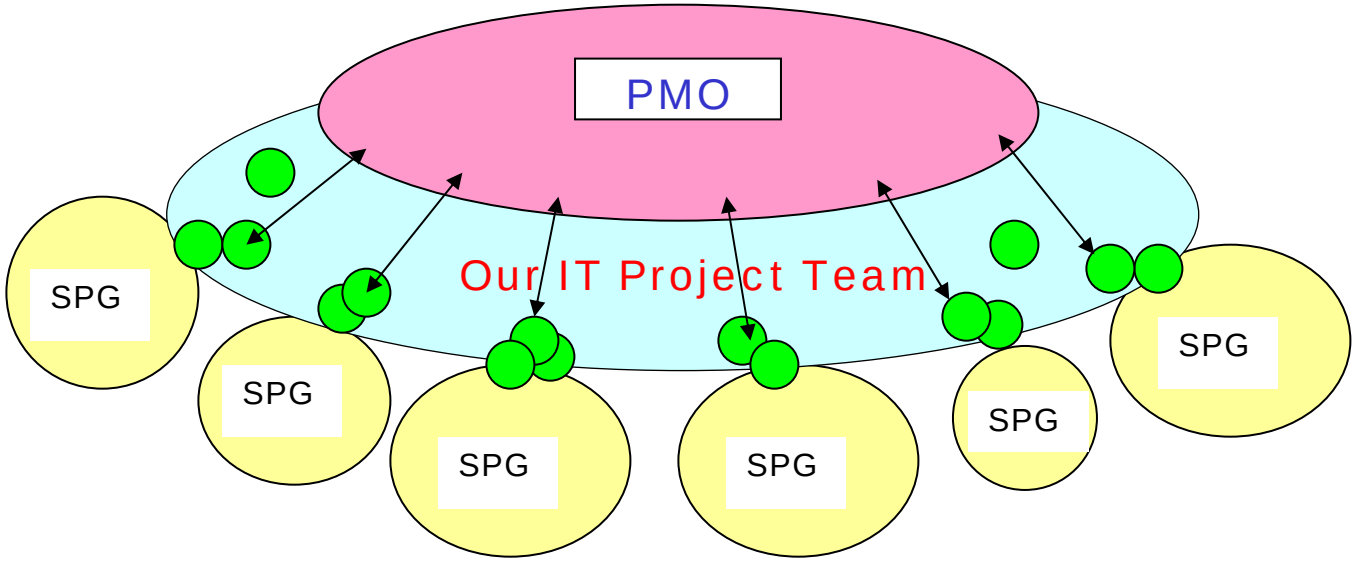
IT Vendor Engineers



Clinical Staff (user)

Health Care Information Technologist

Set Up the PMO (Project Management Office)



SPG： Sub Project Group (each Clinical Department)

： messages and/or documents flow

： IT Project Team Member（Health Care Information Technologist）

Result

After developing our competency for IT Projects, Our IT Project Team could complete "System Requirements" process, constructed by mote than 30 sub systems, within 2 months.