

# Team Consulting Register

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# Outline

1. Brief explanation of the consulting register
2. Sample user story
3. The domain model
4. The Patient class
5. Extensions of Patient class
6. Additional classes
7. Tour repository

# The Consulting Register

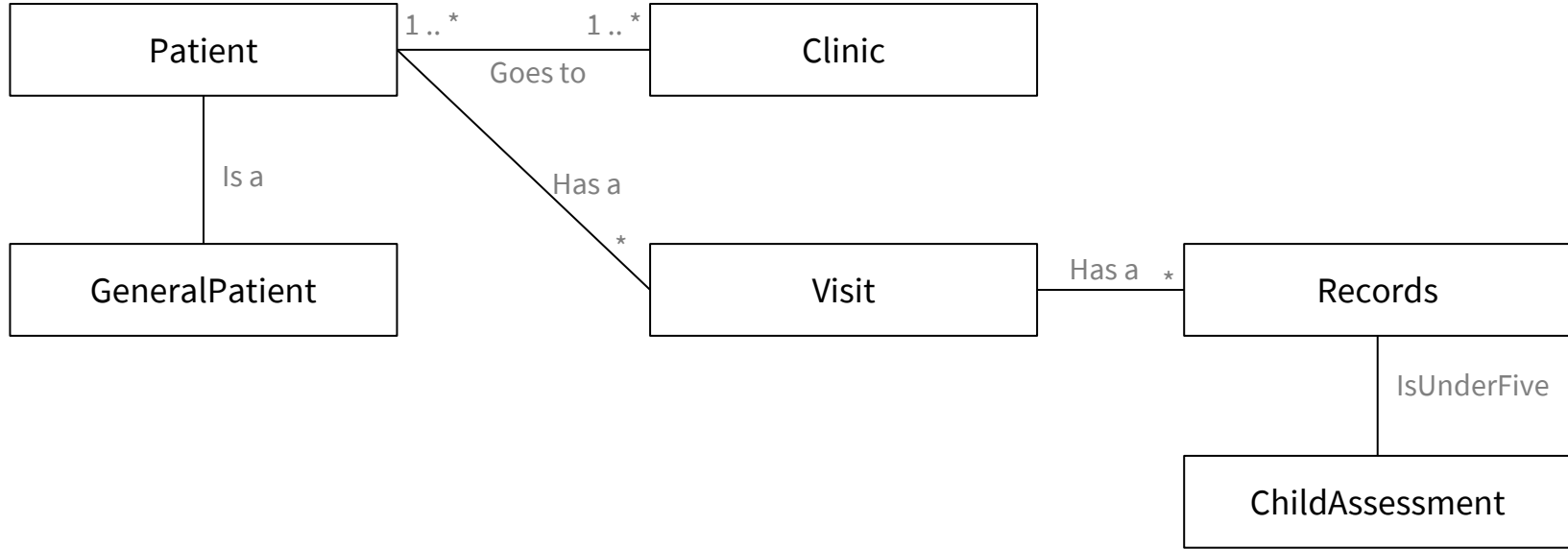
- Many patients visit the clinic for many different reasons
- Patient information and status will be recorded in the consulting register
- Information includes (but is not limited to):
  - Name
  - Gender
  - Age
  - Village
  - Clinic visited
  - Nurse observations/diagnoses

# Sample User Story

“A nurse logs patient information in the register.”

1. Nurse opens Register
2. Register asks for either [Patient name and Date of Birth] OR [Patient ID]
3. Nurse enters patient name and DOB
4. Register tells Nurse that Patient is not in the system -> assigns new Patient ID
5. Register gives Nurse Patient ID, asks Nurse to fill in more details, such as
  - o Health insurance number
  - o Sex/Gender
  - o Address
  - o Past records (if any exist)
  - o Parents' information
6. Register stores the information, tells Nurse that the information has been entered successfully

# The Domain Model (simplified)



# Patient

- Shared between all project groups
- Holds information about individual patients
- Abstract -> can be extended as Mother, Baby, Father, GeneralPatient
- Central to record-keeping
- Sample fields
  - patientID
  - nhisNumber
  - dateOfBirth
  - Age
  - Address
  - Records
  - ...

# Extensions of Patient Class

- General Patient, simply extends Patient
- Mother
  - Link to Baby
  - Delivery record
- Baby
  - Link to Mother
  - Baby specific assessments i.e. latch\_score

# Additional Classes

- Clinic
  - Identifying information about clinic visited
  - Important for organizing patients based on where they receive care
- Visit
  - Information nurse obtains from patient during a single visit
  - Important for organizing a single patient's information
- Records
  - An abstract class extending into several types of patient records
  - Important for classifying and separating patient information
- ChildAssessment
  - Specific to children under five (extends records)
  - Important for state mandated records for tracking the health of young children



# Tour of Repository

**Consulting-Register-COS-420** Public Watch 1

m... 3 Branches 0 Tags  Add file Code

mtho9 Update README.md 7fb4700 · 1 minute ago 9 Commits

README.md Update README.md 1 minute ago

README

## Consulting-Register-COS-420

Repository for COS 420 group project. This is the GitHub repository for the consulting register group.

Records clinic visits and patient observations, generates monthly reports, and provides patient lookup and management.

## COLLABORATORS

### Team Lead

- Wyatt McCurdy

### Pair Programming Group 1

- James Tedder
- Mandy Ho

### Pair Programming Group 2

- Aubin Mugisha
- Julian Edwards

m... 3 Branches 0 Tags

### Switch branches/tags

Find or create a branch...

Branches Tags

✓ main default

iteration-1-domain-model

iteration-2

View all branches

Consulting-Register-COS-420 / archive / iteration\_2 /

mtho9 revised domain model

This branch is 21 commits ahead of, 1 commit behind main.

Name

- ..
- ChildAssessment.java
- Clinic.java
- Consulting Register use case stories.pdf
- GeneralPatient.java
- Patient.java
- Record.java
- Sample\_morbidity\_report.csv
- Visit.java
- domain\_model\_iteration\_2.pdf

# Summary

- The consulting register helps nurses record patient information across clinics in Ghana
- This is an important part of healthcare tracking and organization
- Our system will streamline and simplify health tracking and improve outcomes

PAIRS:

James Tedder <-> Mandy Ho

Aubin Mugisha <-> Wyatt McCurdy

**Questions?**