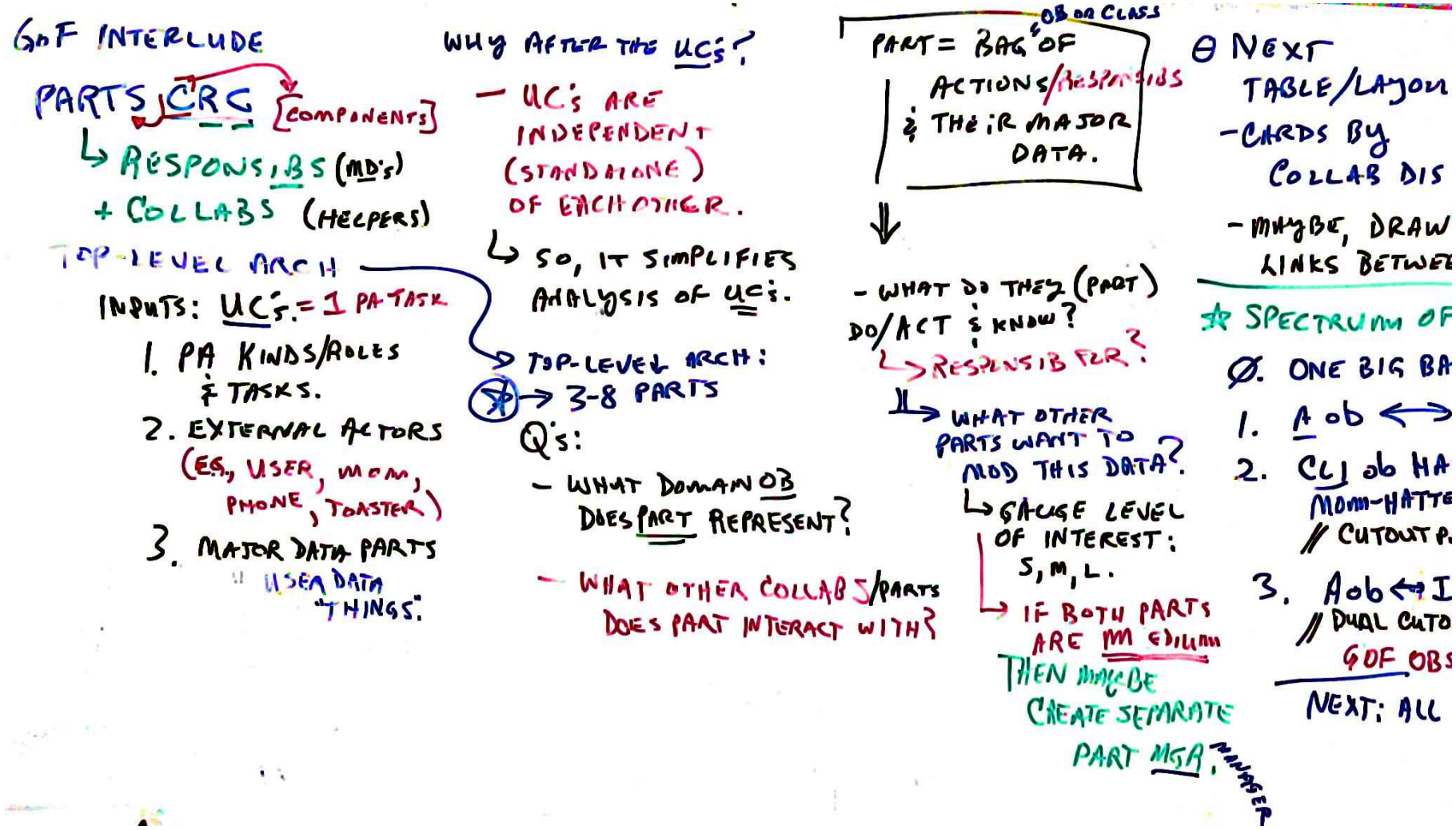
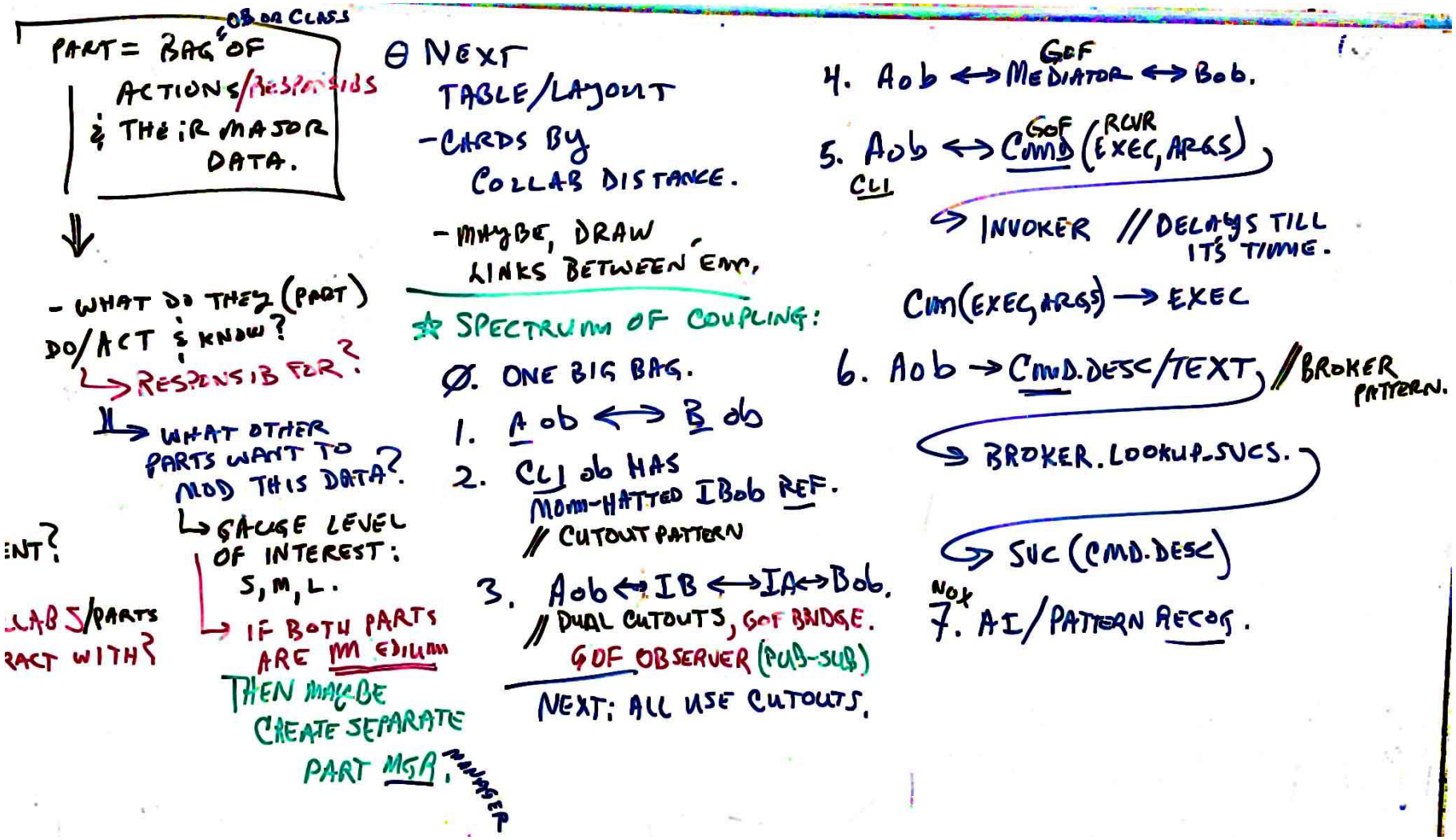

GoF INTERLUDE
PARTS, CRC {COMPONENTS}
↳ RESPONSIBS (MD's)
+ COLLABS (HELPERS)
TOP-LEVEL ARCH
INPUTS: UC's = 1 PA TASK
1. PA KINDS/ROLES & TASKS.
2. EXTERNAL ACTORS (EG., USER, MOM, PHONE, TOASTER)
3. MAJOR DATA PARTS "USER DATA "THINGS".
WHY AFTER THE UC's?
- UC's ARE INDEPENDENT (STANDALONE) OF EACH OTHER.
↳ SO, IT SIMPLIFIES ANALYSIS OF UC's.
TOP-LEVEL ARCH:
→ 3-8 PARTS
Q's:
- WHAT DOMAIN OB DOES PART REPRESENT?
- WHAT OTHER COLLABS/PARTS DOES PART INTERACT WITH?
PART = BAG OF OB OR CLASS ACTIONS/RESPONSIBS & THEIR MAJOR DATA.
- WHAT DO THEY (PART) DO/ACT & KNOW?
↳ RESPONSIBILITIES?
↳ WHAT OTHER PARTS WANT TO MOD THIS DATA?
↳ GAUGE LEVEL OF INTEREST: S, M, L.
↳ IF BOTH PARTS ARE IN EDIUM
THEN MAYBE CREATE SEPARATE PART MGR (MANAGER)
θ NEXT
TABLE/LAYOU
-CARDS BY COLLAB DIS
- MAYBE, DRAW LINKS BETWE
☆ SPECTRUM OF
Ø. ONE BIG BA
1. A ob ↔
2. CLI ob HA
MOM-HATTE
// CUTOUT P.
3. A ob ↔ I
// DUAL CUTO
GOF OBS
NEXT: ALL


PART = BAG OF ACTIONS/RESPONSIBS & THEIR MAJOR DATA.
OB OR CLASS
- WHAT DO THEY (PART) DO/ACT & KNOW?
↳ RESPONSIBLE FOR?
↳ WHAT OTHER PARTS WANT TO MOD THIS DATA?
↳ GAUGE LEVEL OF INTEREST: S, M, L.
↳ IF BOTH PARTS ARE MEDIUM THEN MAYBE CREATE SEPARATE PART MGR: MANAGER
ENT?
CLASS/PARTS
RACT WITH?
θ NEXT TABLE/LAYOUT
-CARDS BY COLLAB DISTANCE.
-MAYBE, DRAW LINKS BETWEEN EM.
☆ SPECTRUM OF COUPLING:
Ø. ONE BIG BAG.
1. A ob ↔ B ob
2. CLI ob HAS MOM-HATTED IBob REF.
// CUTOUT PATTERN
3. Aob ↔ IB ↔ IA ↔ Bob.
// DUAL CUTOUTS, GOF BRIDGE.
GOF OBSERVER (PUB-SUB)
NEXT: ALL USE CUTOUTS.
4. Aob ↔ MEDIATOR ↔ Bob.
GOF
5. Aob ↔ CMD (EXEC, ARGS)
CLI
GOF
RCVR
↳ INVOKER // DELAYS TILL IT'S TIME.
CMD(EXEC, ARGS) → EXEC
6. Aob → CMD.DESC/TEXT, // BROKER PATTERN.
↳ BROKER.LOOKUP_SVCS.
↳ SVC (CMD.DESC)
NOX
7. AI/PATTERN RECOG.

CECS 343-03/4 — S/W Engr'g — Lecture 3/9/20 Pictures