

Problems

P3.

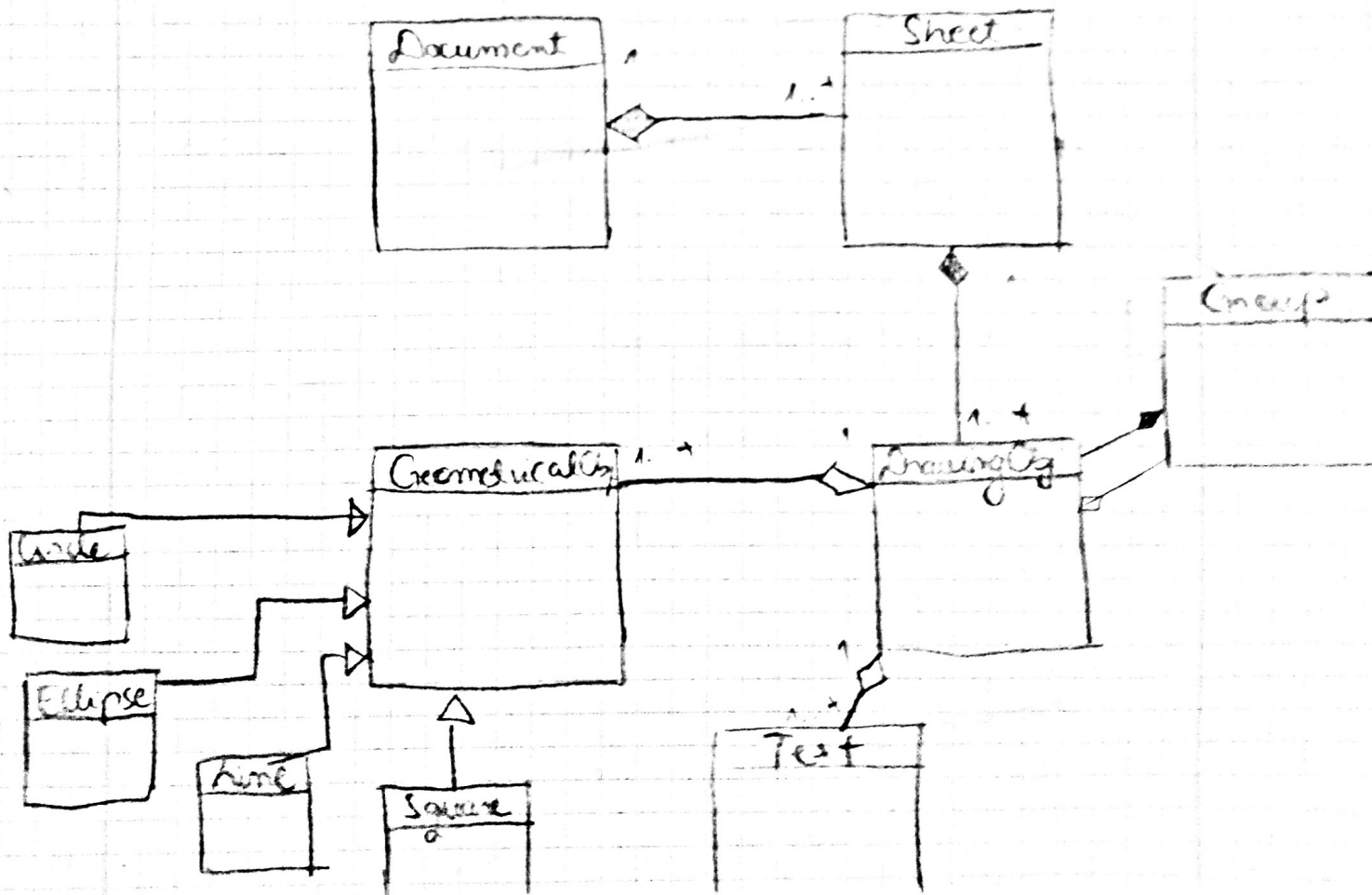
class diagram - graphical document editor that supports grouping

- document - several sheets
- each sheet contains drawing objects
- drawing object - text, geometrical objects, groups
- groups - a set of drawing objects, possibly including other groups

↳ at least 2 drawing objects

-> one drawing object can be a direct member of at most one group

- geometrical objects - circles, ellipses, lines, squares

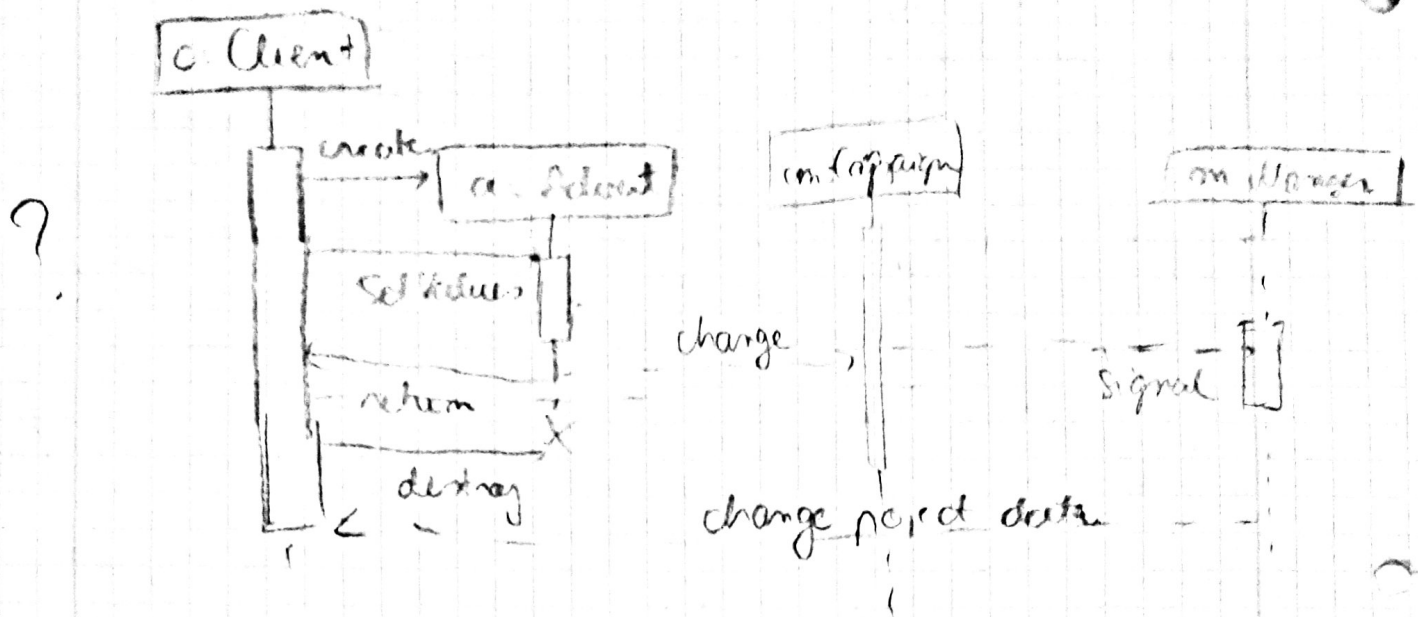


(24) A* advertising companyⁱⁿ New York

- A* - has clients, a record is kept for each of them
- clients have advertising campaigns
↓
a record for each of them
- each campaign include one or more adverts
- A* nominates members which work on campaigns
- one member manages each campaign
- Staff working on one or more project (1 memb. - 1 campaign)
- manager estimates cost
- finish date set at any time, may be changed
- at the end actual cost and finish date set
- client pays -, date recorded
- manager checks campaign budget periodically
- system holds staff grades
 - keep contact information
 - calculate staff salaries

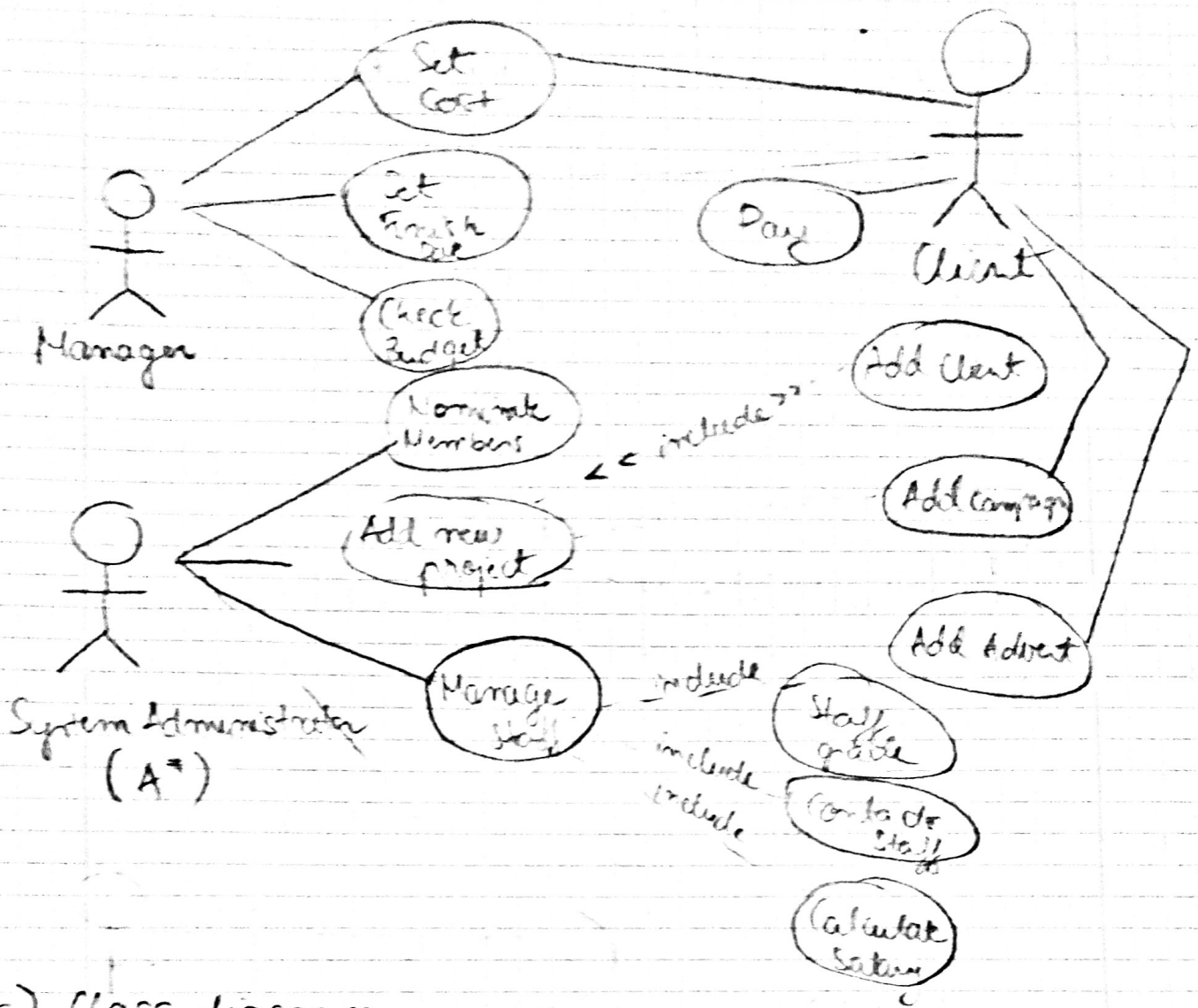
a) use case diagram

c) Sequence diagram - Add Advertisement

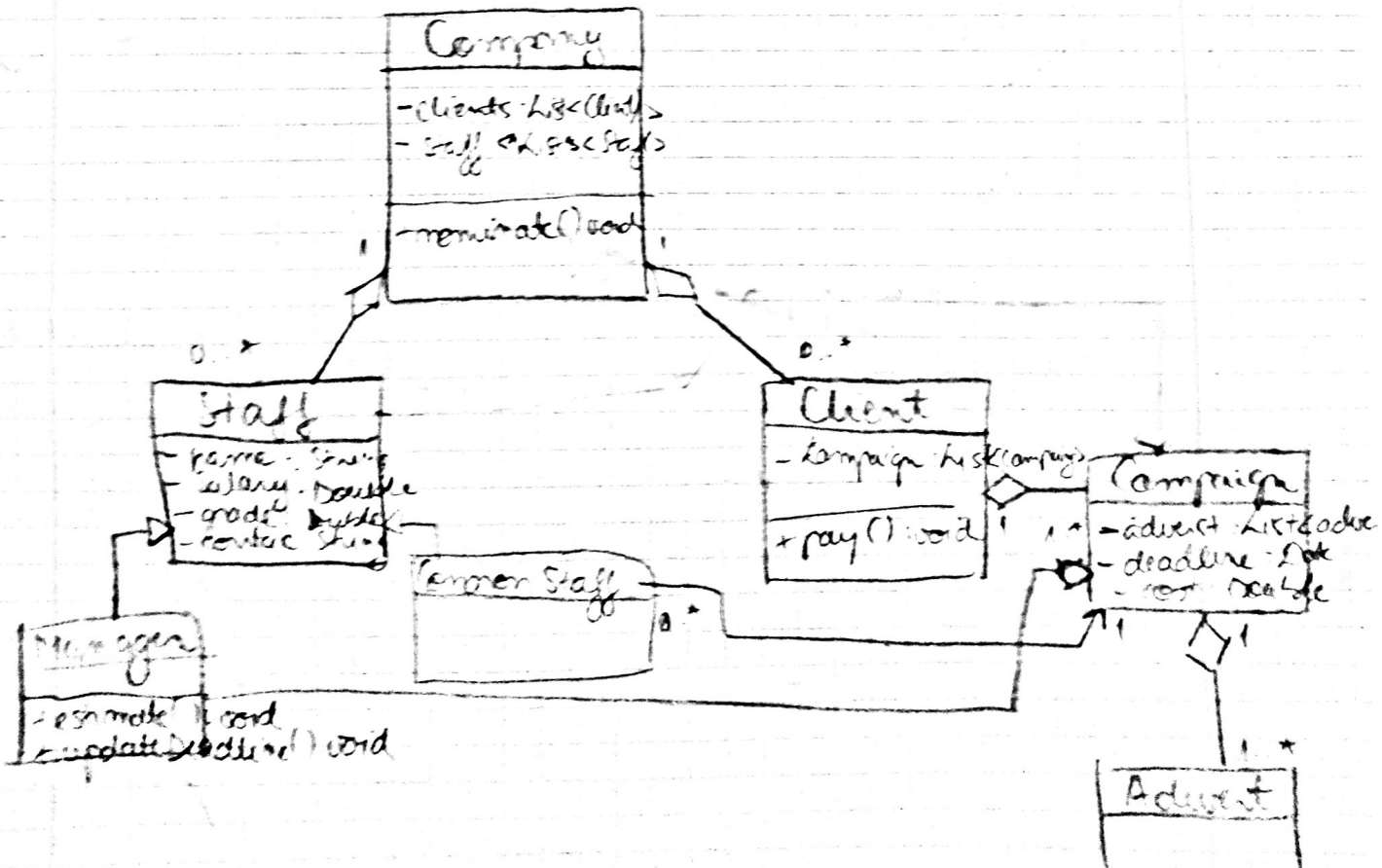


(P5) Photo / Video sharing Web application

- potential new user create account, activate account, view photos without logging in
- user can log in
 - ↓
 - edit profile
 - post video
 - post photo < Standalone album
- flag content
- content advisor - reviews flagged content
 - log in
 - block user



c) Class diagram



(P5) Photo / Video sharing Web application

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