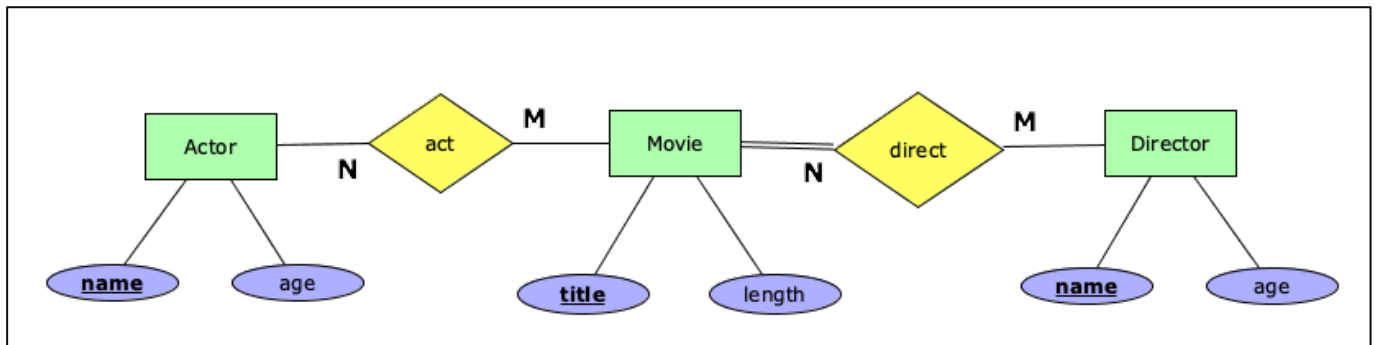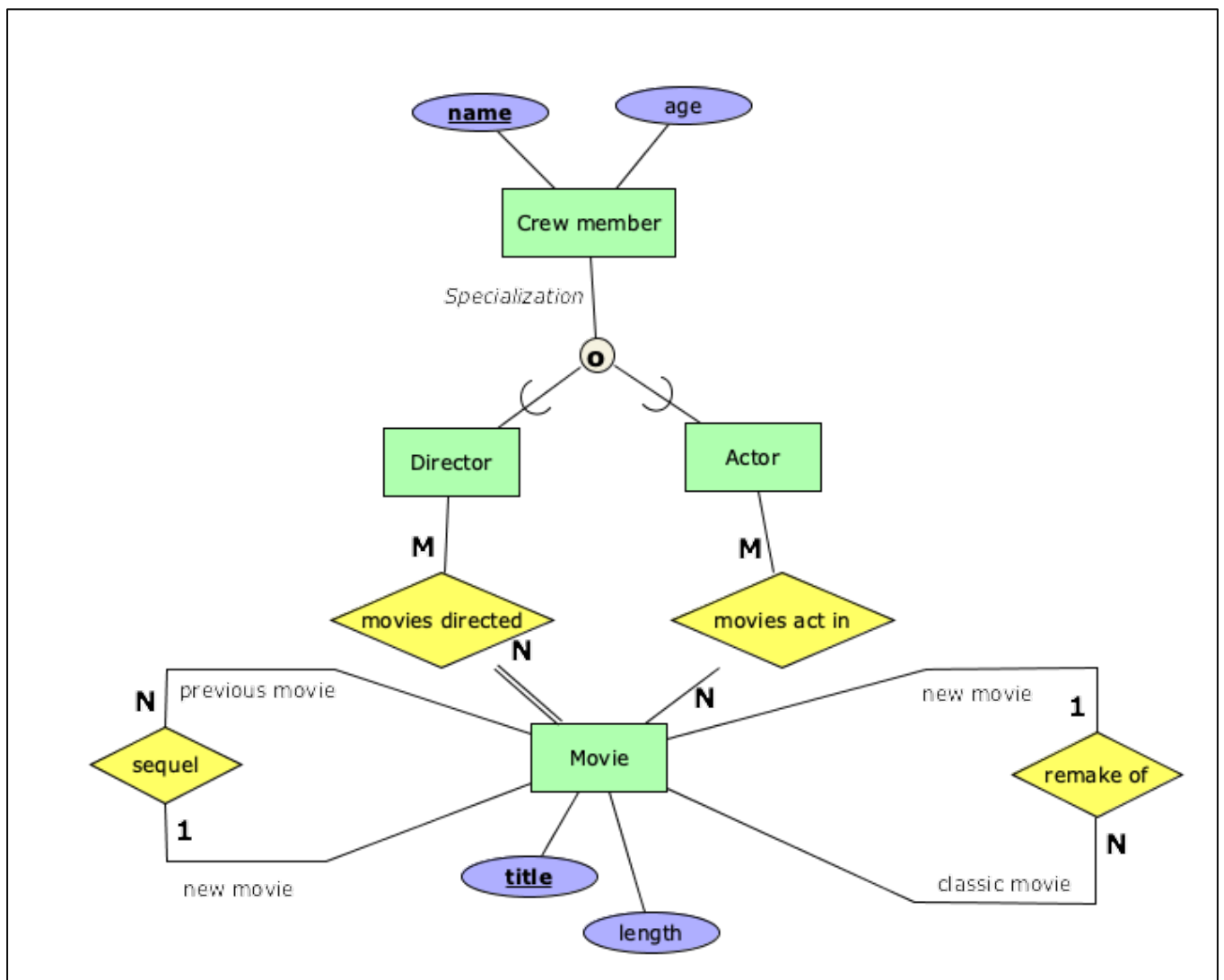# Homework 1

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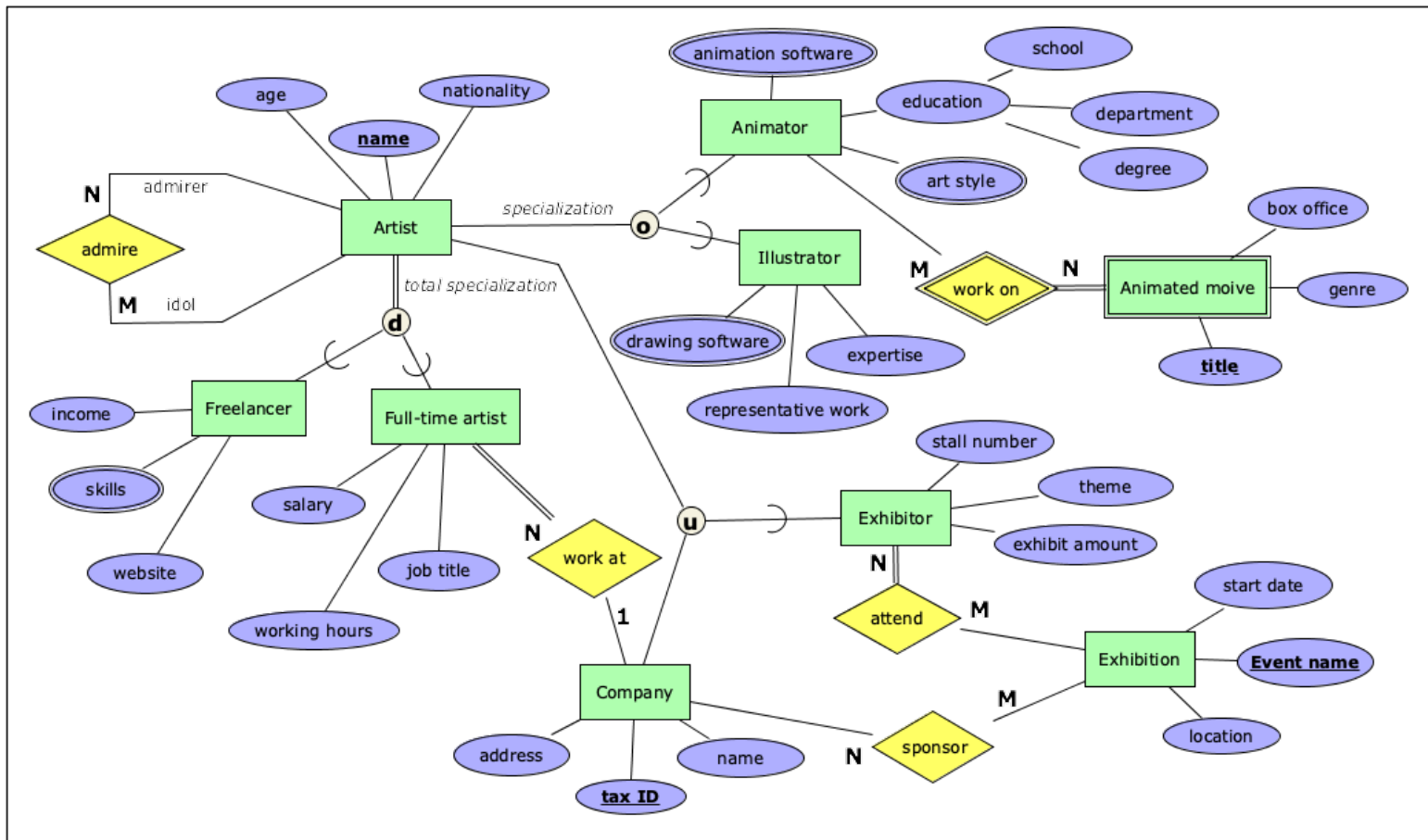
1A.

1B.

1C.

Database name: Art Business

Entity names: Artist, Freelancer, Full-time artist, Animator, Illustrator, Exhibitor, Exhibition, Animated movie, Company

Relationships: admire, work at, work on, attend, sponsor

Attributes:
- Artist {name, age, nationality},
- Freelancer {income, skills, website},
- Full-time artist {salary, job title, working hours},
- Animator {animation software, art style, education {school, department, degree}},
- Illustrator {drawing software, representative work, expertise},
- Exhibitor {stall number, theme, exhibit amount},
- Exhibition {Event name, location, start date},
- Animated movie {title, genre, box office},
- Company {tax ID, name, address}

Data analysis:
- "All full-time artist must work at one company."

- "A Company can have zero or many full-time artists as employees."
- "Some artists might admire other artists."
- "All the animated movies have at least one animator working on it."
- "A movie can have multiple animators working on it, and an animator can have multiple movie projects."
- "Some companies will sponsor exhibitions, and an exhibition event can have more than one sponsor."
- "All the exhibitors need to attend an exhibition event, while exhibitions may or may not have exhibitors."
- "An exhibitor can attend many exhibitions, and an exhibition event can have multiple exhibitors."