

CS Department Automated Information Timeline.
Assignment 3.1: Domain Model

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According to C. Larman, The three strategies to identify candidate concepts are reuse or modify existing models, use a category list and identify noun phrases. The concepts on the domain model for CS Department Automated Information Timeline project have been derived by identifying the noun phrases from the requirements and use cases.

1 Concepts, Attributes, and Associations (Draft)

Below are the candidate concepts and their attributes identified using the noun phrases from the requirements.

1. **Post**: title, content
2. **DisplayedPost**
3. **Page**: title, content
4. **Event**: dateOfEvent
5. **EventCalender**
6. **Media**: title, mediatype
7. **MediaLibrary**
8. **Notification**
9. **Faculty**: name
10. **OfficeManager**: name
11. **Administrator**
12. **DisplayedMedia**
13. **DisplayMonitor**

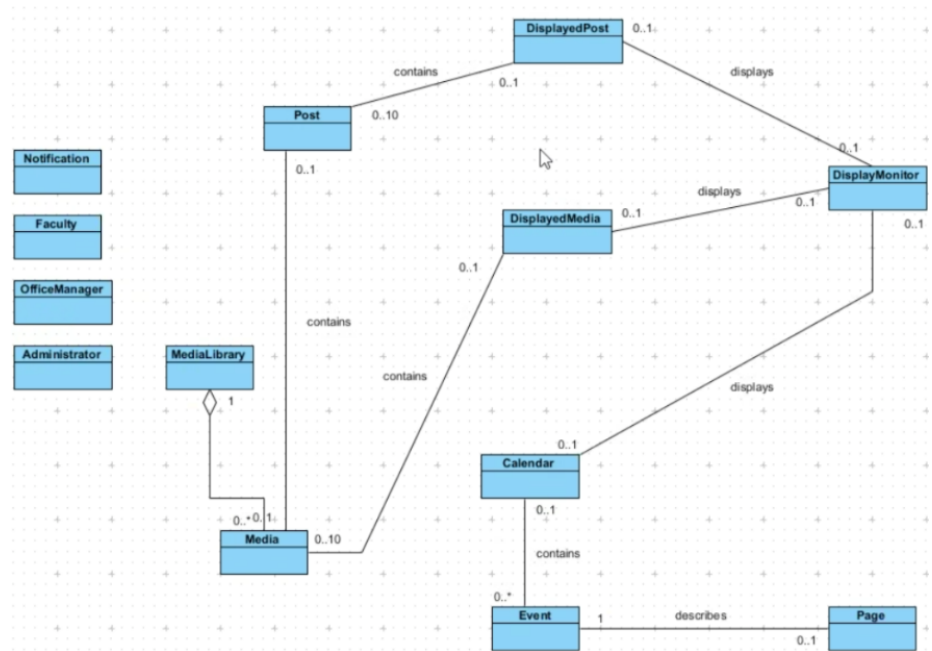


Figure 1: Candidate concepts and associations (Draft)

These candidate concepts are further discussed among the team members and are further refined to create a Final version of the Domain Model with concepts, name associations and multiplicities agreed upon by all team members.

2 Domain Model

2.1 Domain Model (Drafts)

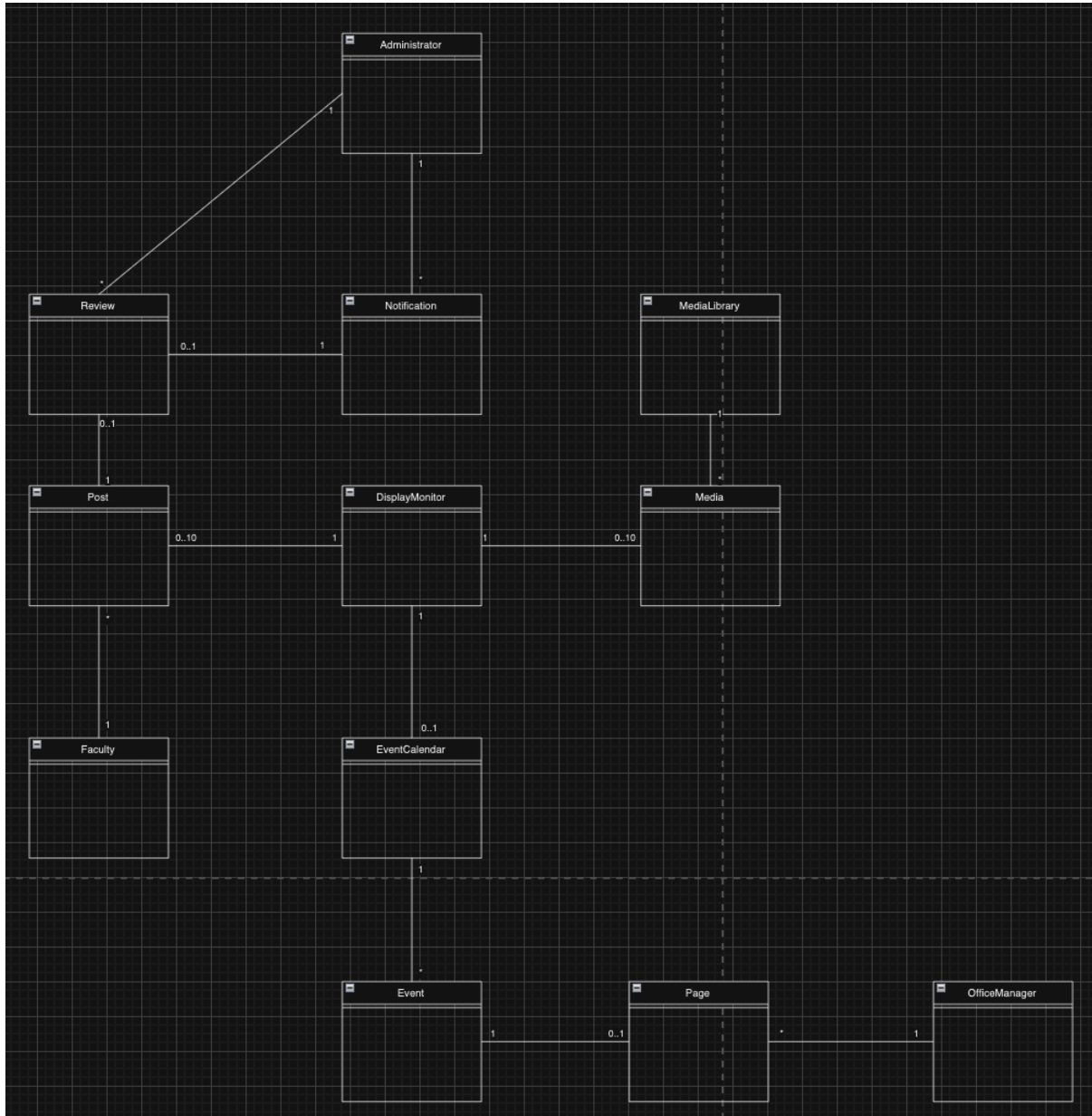
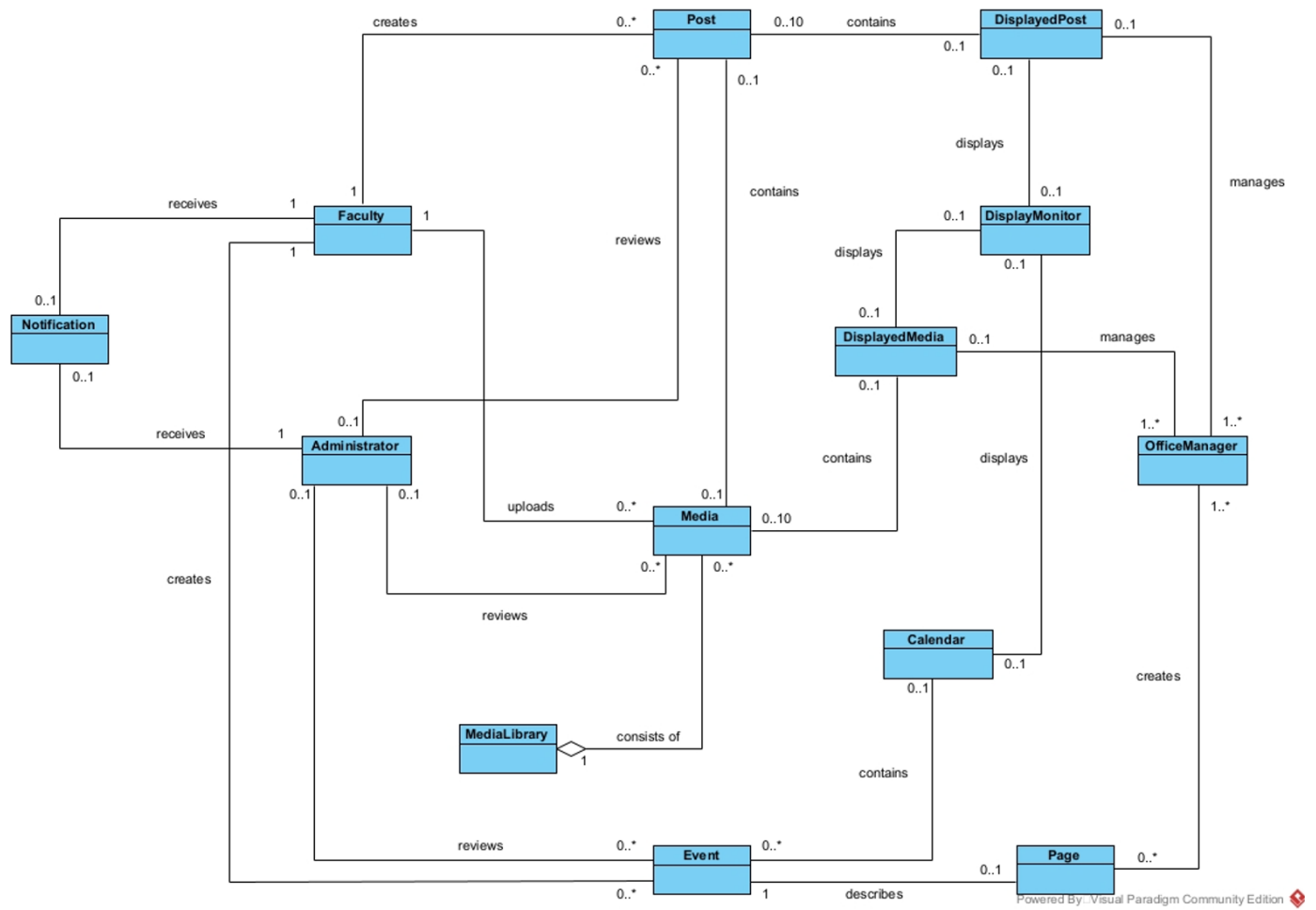


Figure 2: Domain Model Draft (version 1)



2.2 Domain Model (Final)

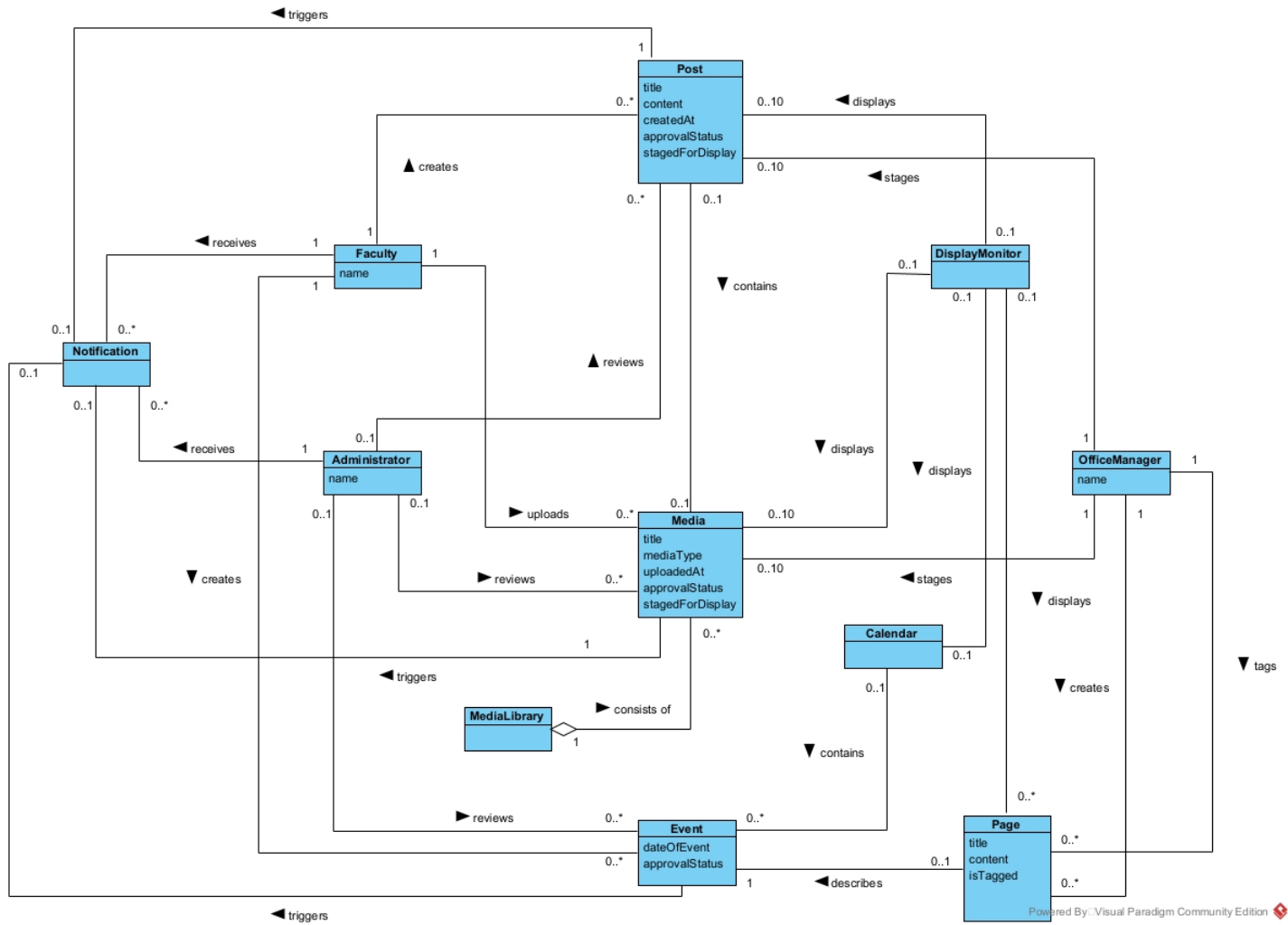


Figure 4: Final version of the Domain Model