

Learner Space

Phase 1





Learner Space Phase 1

CSE336: Software Design Patterns

Submitted to

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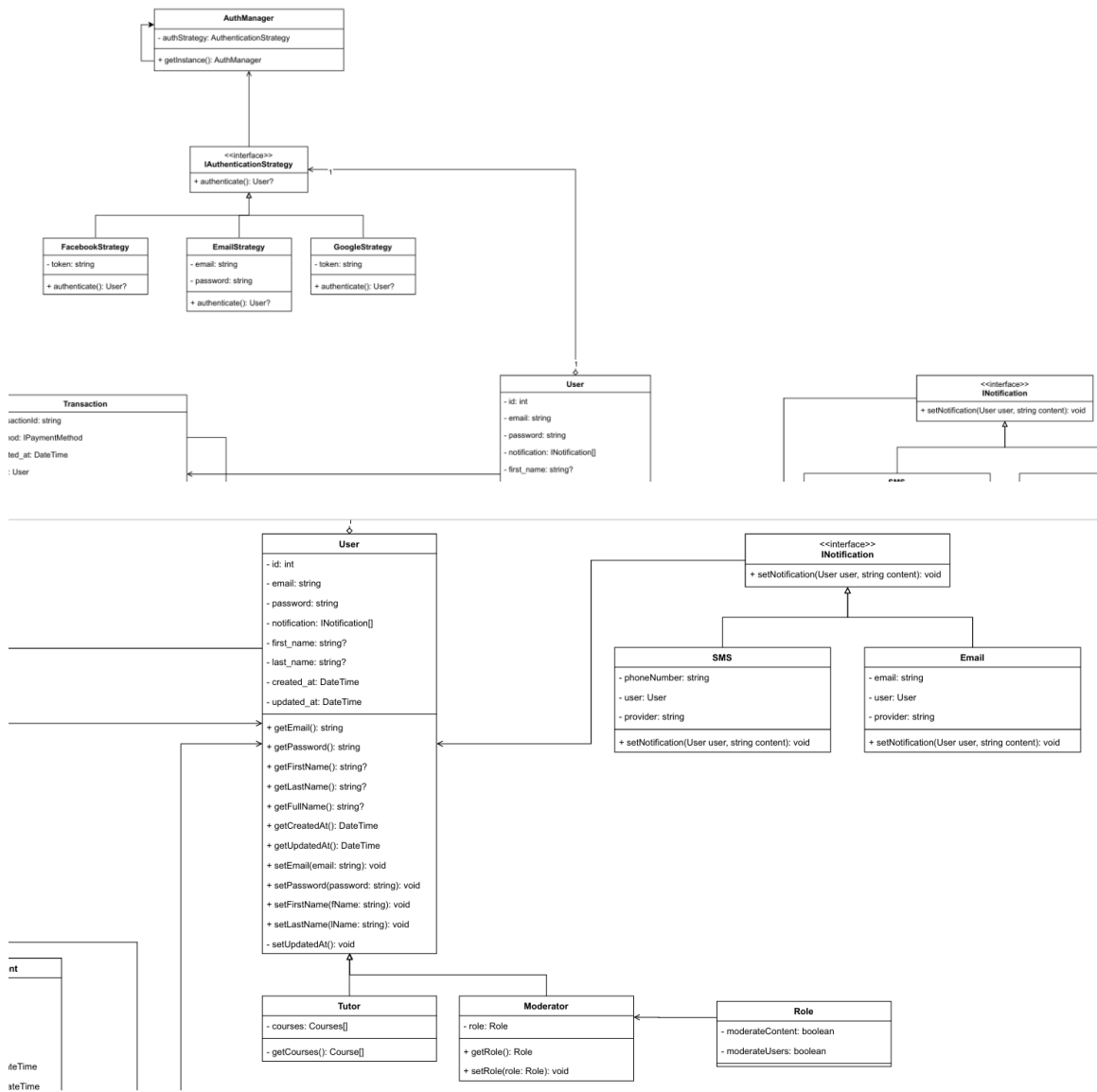
1. Team Contribution

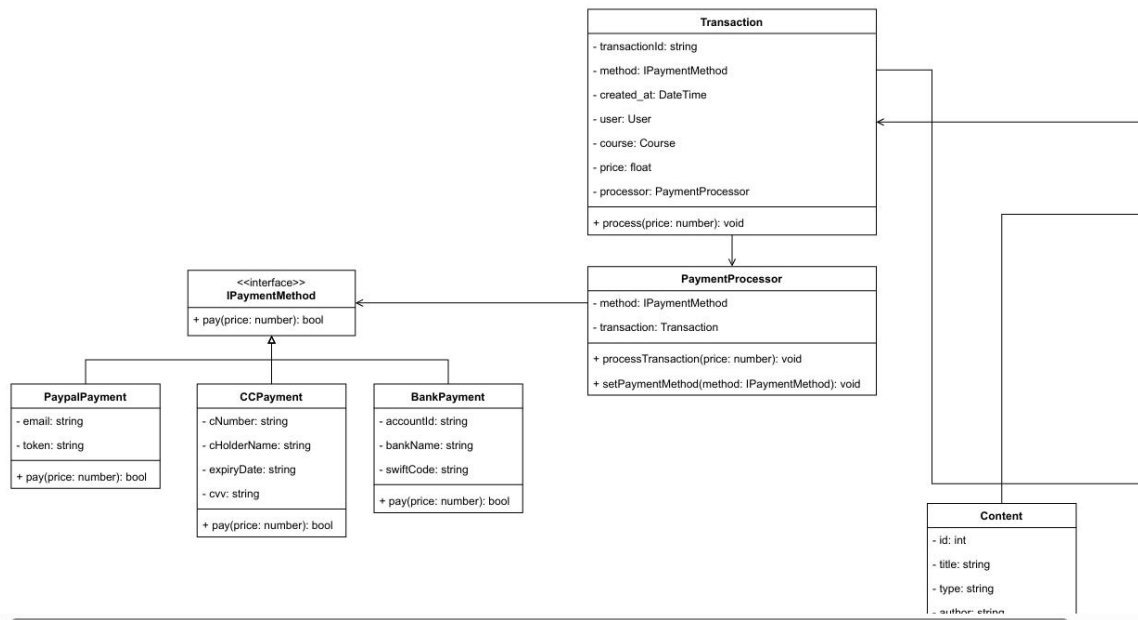
Name	Task
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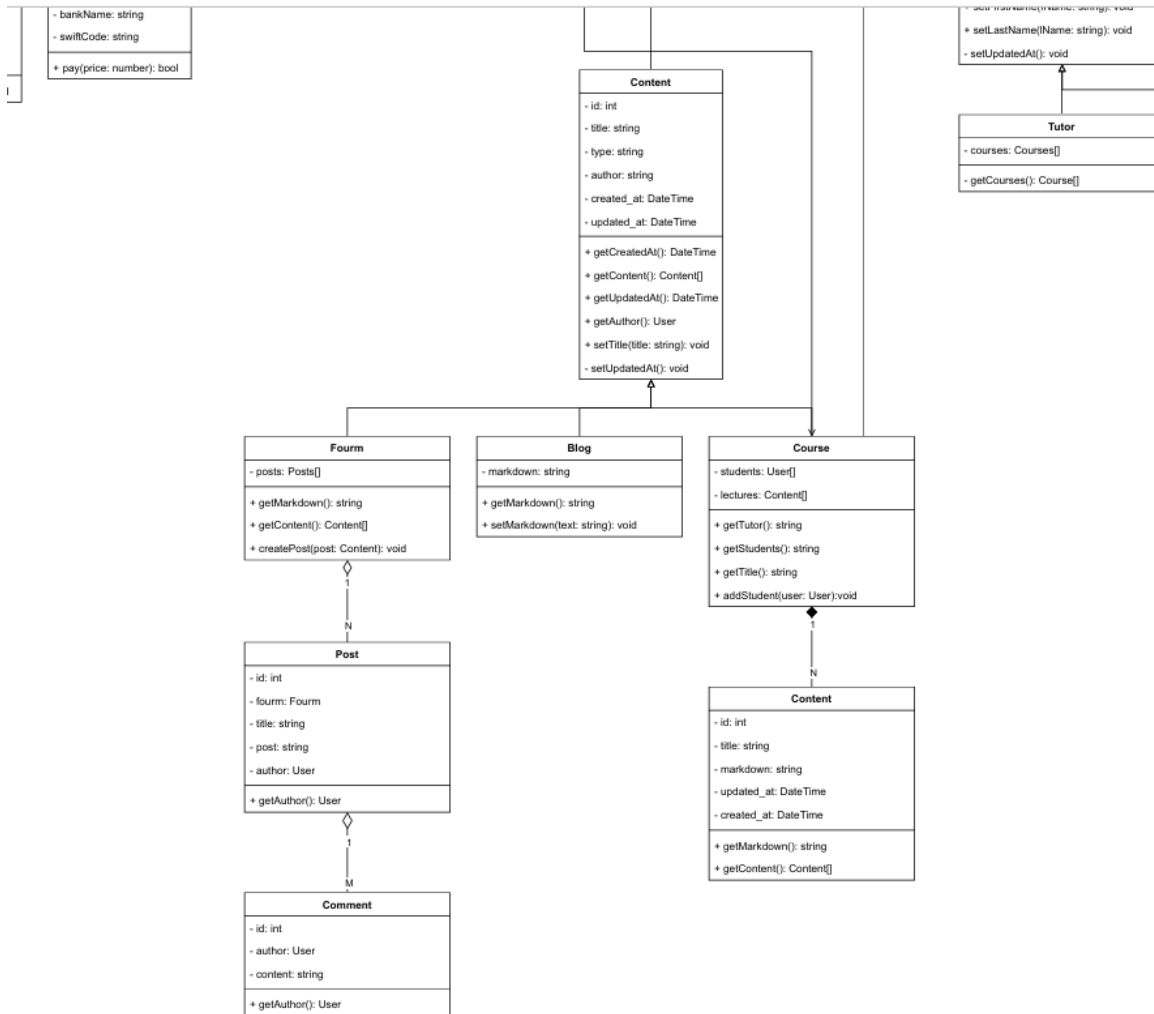
2. GitHub Repo

<https://github.com/Engy-ahmed44/LearnerSpace>

3. Class Diagram







4. Client requirements

Authentication

1. As a user, I want to register an account so I can access the platform.
2. As a user, I want to log in using my credentials to securely access my data.
3. As a user, I want the option to log in using third-party providers (e.g., Google, Facebook).

Dashboard

4. As a user, I want a personalized dashboard to view my posts, courses, and upcoming events.
5. As a user, I want to see key metrics, such as progress and activity, directly on my dashboard.

Community Interaction

6. As a user, I want to create, view, and comment on community posts to interact with other users.
7. As a user, I want to upvote or like community posts that I find helpful or interesting.

Courses

8. As a user, I want to browse available courses and enroll in the ones I am interested in.
9. As a user, I want to view course materials, including videos and documents.
10. As a user, I want to track my progress in each enrolled course.

Event Management

11. As a user, I want to create and join events for community engagement or learning opportunities.

12. As a user, I want to view upcoming events and receive reminders for ones I've registered for.

User Profiles

13. As a user, I want to edit my profile information, such as my name, bio, and profile picture.

14. As a user, I want to view other users' profiles to learn about their contributions or expertise.

Admin Features

15. As an admin, I want to manage users, including approving or removing accounts.

16. As an admin, I want to monitor and moderate community posts to ensure quality and compliance.

Data Security

17. As a user, I want my data to be stored securely and accessed only by authorized personnel.

18. As a user, I want the platform to comply with privacy regulations (e.g., GDPR, CCPA).

Notifications

19. As a user, I want to receive notifications for community updates, course progress, and event reminders.

Responsive Design

20. As a user, I want the platform to work seamlessly on desktops, tablet, and mobile devices.