Report

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https://github.com/Bekbauly/Software_Design_Patterns_Assik4

Conclusion

In this project, I implemented the Bridge Pattern with a notification system example. The application requires different types of notifications (alerts, reminders, promotions) and different sending methods (email, SMS, push). The Bridge Pattern allowed me to separate abstraction from implementation, which made the code flexible and extensible. Clean Code principles were applied: meaningful names, single responsibility, and readability. This makes the solution easy to maintain and extend if new notification types or senders are added. The code is short, clear, and tested in DemoApp.java.