

Object-oriented Programming - Project proposal

Xie Youtian 2430026233

1 Introduction

I choose event ticket booking system as my project. Below are a kind of business logic of event ticket booking system in my recognition and may not be 100% accurate.

In a ticket booking system, users have 3 roles: customer, event organizer and administrators. We operate with events and tickets. To simplify the design, we assume that there is no seat arrangement, like ACGN conventions or business fairs.

So, the business logic is clear:

1. Customer book, return and change tickets.
2. Event organizer apply for events and maintain event informations.
3. System administrator manage users and approve event informations.

2 Design of OOP Concepts with UML

Below is a inheritance system of interfaces and classes of users.

