

Lab Assignment 9

-Gunkirat Kaur(2015032)
-Shaan Chopra(2015090)

Functional requirement analysis:

Data patterns used:

- MVC Pattern (User-view, System-Model, Admin-Controller)
- Observer Pattern (Within MVC, User is notified about the changes in the system. Decouples the users(objects) and the system(subject)).
- State Pattern
 - User state (Logged in /Registered user, Guest user)
 - Payment(Cash on Counter, Card,Netbanking, Paytm,)
 - Refund (Cash on counter,card,netbanking,paytm)
- Template Pattern
 - Ticket booking template
 - Ticket Cancellation template
 - Registration template
 - Browsing Template
 - Update Event record template
 - Add event record template
 - Delete event record template