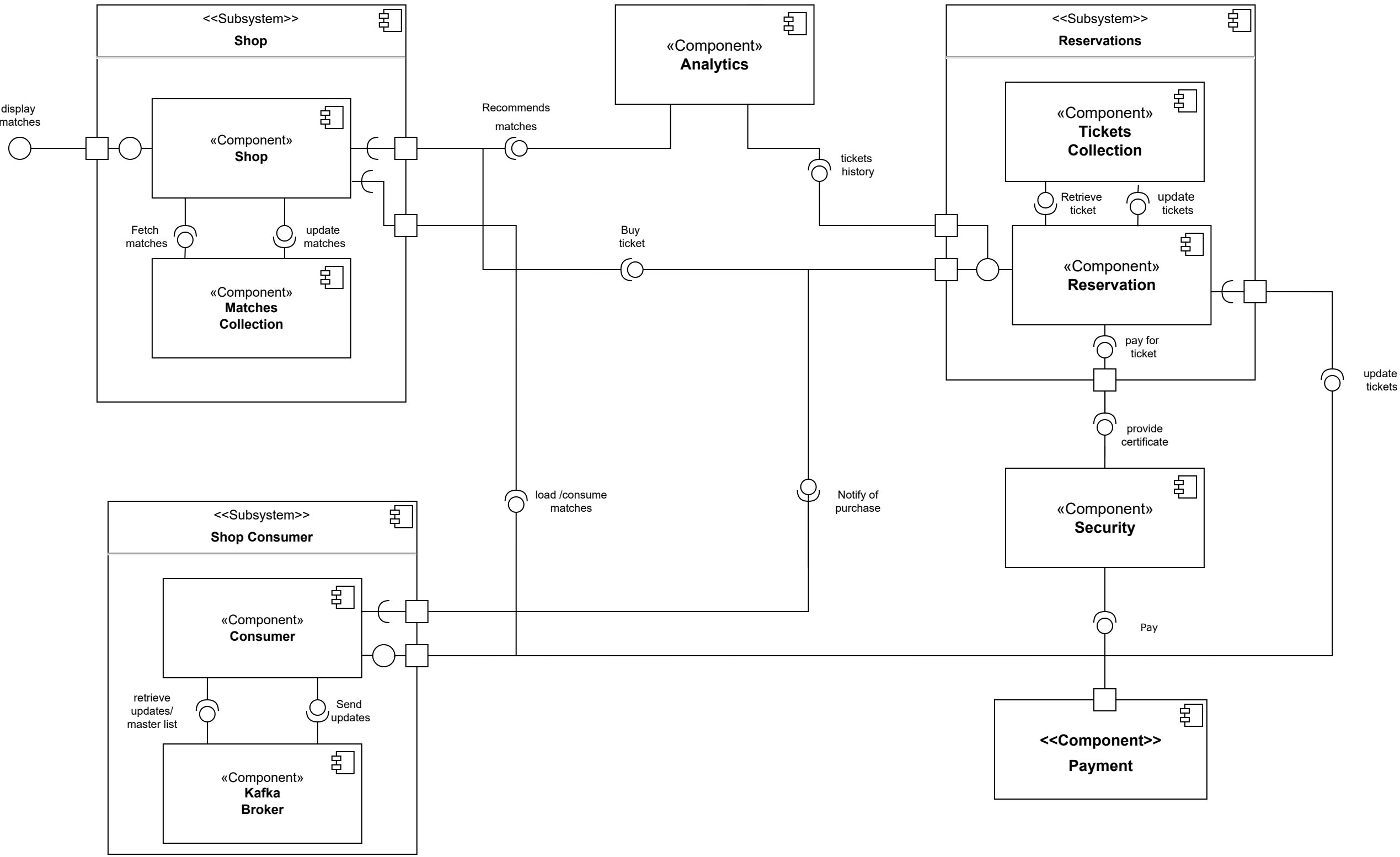


<<System>>

FIFA ticket website



Notes:

- The security component provides a firewall to the website that prevents DDOS attacks at application layer
- master list is sent over kafka broker: consumer component takes it and sends it to shop microservice to update matches collection
- user sees the matches from shop component which contains info about the match
- when the user chooses a match he is forwarded to the tickets at reservation where he chooses a seat
- before paying a security component provides TLS certificate to ensure secure connection
- on paying for the ticket the reservation component: sends message of ticket number and match number to shop consumer
- consumer then sends it over kafka broker for other sites to hear
- when the consumer receives an update topic over kafka it sends the message to both reservation and shop to update their collections