Design Procedures for Security Concerns & Non Functional Requirements

When designing our system, we made sure security was a priority because having a secure system is very important for numerous reasons. First off, we will make sure everything is private. To do this, we will make sure all users and administrators choose complex passwords. Also, the system we are providing has built in firewall, which will help prevent threats from reaching the LOLA system. Virus protection on the LOLA desktop will also be reiterated as important. As far as physical security goes, in our new system everything will be backed up regularly. This will make sure that if something happens to the main desktop all the data and programs will be backed up. As far as access goes, different groups and account types will be granted different access rights from the system administrator dependent on what the administrator feels one should be able to view. This will help keep people from viewing things that they aren't supposed to. Some other security features that will be included but are more behind the scenes are encrypted data tables, SSL certificates with regards the Stripe payment processor and other security features.