**3.5. Access Control and Security**

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|  | Administration | User | Auction |
| Admin | ApproveAuction()  RejectAuction()  FreezeUser()  viewUserInformation()  viewUsersList()  viewNGOs()  messageUser()  viewMessages()  sendMessages() | login()  search()  viewItemInfo() | ViewAuctionInfo() |
| Registered User |  | login()  forgetPassword()  search()  UpdateProfileInformation()  viewItemInfo()  viewMessage()  sendMessages() | GiveOffer()  CreateAuction() |
| User (Visitor) |  | register()  search()  viewItemInfo() |  |

Users must provide an at least 5 characters long password to register. The database shall hold the password information hashed. As the system is not designed to hold sensitive information for users, no other encryption is required.