**3.6 Global Software Control**

Describe how the global software control is implemented. In particular, this section should describe how requests are initiated and how subsystems synchronize. This section should list and address synchronization and concurrency issues.

* Administration subsystem initiates OldAuctionData, CurrentAuctionData and RegisteredUserData subsystem to access/add/edit database data.
* User subsystem initiates RegisteredUserData subsystem to access/add/edit database data.
* Auction subsystem initiates CurrentAuctionData and OldAuctionData subsystem to access/add/edit database data.
* Navigation subsystem initiates User subsystem for registration and login operations.
* Navigation subsystem initiates Search subsystem to search for running auctions.
* UserView subsystem initiates ProfileManagement subsystem to allow the user to interact with his/her profile information.
* UserView subsystem initiates the Messaging subsystem to allow the user to access his/her messages and/or message the Admin.
* AdministrationView subsystem initiates UserManagement, ItemManagement subsystems to manage each respectively.
* AdministrationView subsystem initiates UserManagement or ItemManagement subsystem to approve user registrations or item creations respectively.
* AdministrationView subsystem initiates MessageManagement subsystem to view admin messages and allow the admin to message other users.
* ItemView subsystem initiates ItemEditor to create and edit Registered User created items.
* ItemView subsystem initiates ItemViewer for retrieving item information for viewing purposes.

The database queues each query which provide concurrency control for storage.