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Relationship (Classes)	Data Structures
Website to User	Website has an ArrayList of Users
Website to Forum	Website has an ArrayList of Forums
User creating Forum	Only User has reference to forum
Forum to Thread	Forum has an ArrayList of Threads
Thread to Messages	Thread has an ArrayList of Messages
Member posting Messages	Member has an ArrayList of Messages
Forum to Member	Forum has an ArrayList of Members
Forum to Owner	Forum has one object of owner
Forum to Moderator	Forum has one object of Moderator
Owner to Moderator	Owner has reference to Moderator and vice versa
Member inherits User	Member is an inheritance of User
Owner inherits Member	Owner is an inheritance of Member
Moderator inherits Member	Moderator is an inheritance of Member
Message to Message	Message has an ArrayList of messages, for replies