

Question 1:

User (DisplayName, Email, Password, IsBanned, IsModerator, IsAdministrator, RegisteredOn, Avatar)

Topic (TopicName, IsPinned, CreatedOn, CategoryName, TagName)

Category (CategoryName, CategoryDescription)

Tags (TagName)

Posts (Post, CreatedOn, TopicName, AuthorID, ReferencesPost, Updates(newreplies), RatingTotal)

- ReferencesPost will either be null or the post it is referring(replying) to.

Ratings (Post, DisplayName, Ratings(-1, 0, or 1))

UserActivityLog (DisplayName, Topicname, LastViewedDate)

WatchTopic (TopicName, DisplayName, WatchStartDate)

WatchPost (Post, DisplayName, WatchStartDate)