

CS 326 Startup Assignment 04: ER Diagram

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Entities:

User: The User using the Service. Has all of the information relevant to the user embedded (their username, gender, DOB, Family size, etc.). A User also has a personal *MatchList*. Is referenced in activities throughout the site.

MatchList: Contains *MatchItems* which are the matches a user has.

MatchItems: Items that are part of a users' *MatchList* containing information relevant to Matches, such as Location, Climate, Local News, etc.

Forum: The Forum containing all the *Questions* embedded (and thusly their subsequent Answers, etc.) which can be accessed by the *User*.

Post: A Post on the *Forum*, containing embedded in it: an *Author* (which references the *User*'s username making the post), the content of the post, the date of the post, and the *UpvoteList*.

Author: A component of a *Post*, simply a reference to the *User* who is making the post

UpvoteList: A Stored List of all *Likers* that have upvoted the post (to prevent multiple upvotes from users)

Liker: A component of the *UpvoteList*, simply a *User* who has liked a specific post

Question: A Type of *Post*, which contains an *AnswerList* embedded, and otherwise has all the properties of a *Post*.

AnswerList: A container for all of the *Answers* that are answers to the *QuestionItem*

Answer: A Post that is contained within an *AnswerList* in response to a *Question*

Edits since SA3: Results page will match the users (hosts) to a city/cities. There will be no search bar specifically for this page.

