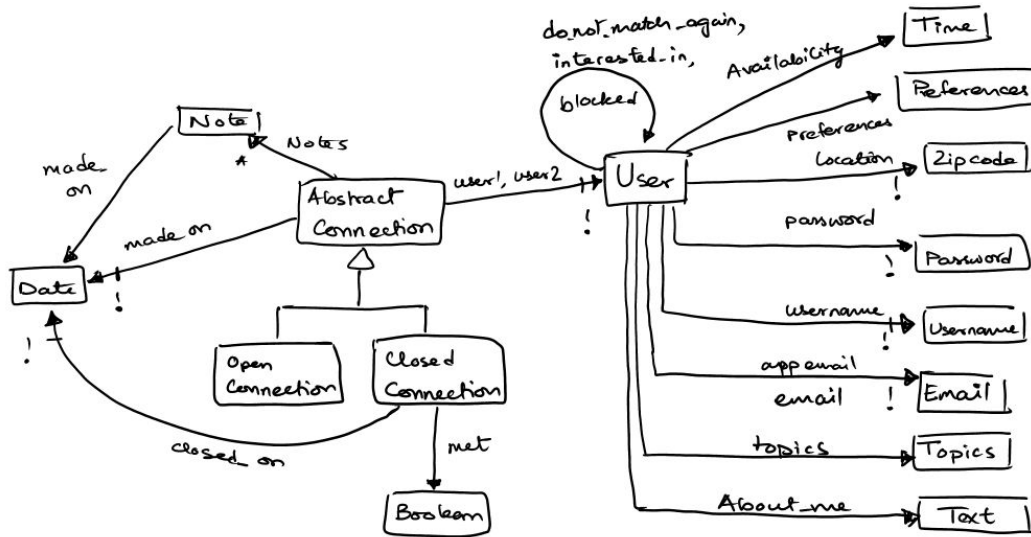


Data Model



Textual Constraints:

- At any point in time, all users a user is interested in must have an availability overlap between them (or else they get deleted)
- Availabilities are for future dates (older availabilities are deleted)
- Users cannot be interested in themselves, black list themselves or make connections with themselves.
- A user can have at most one open connection at a time

Clarification

- The app email is a fake email that will redirect email to the real email via the app.
- Preferences are things such as whether their matches have to share their interests or not.