Accessors and mutators have
been omitted from this diagram
for the sake of brevity

Database.js

Database

- connection:

+ validateUser(email: string, password: string):
Integer

+ createAccount(email: string, password: string,
fname: string, lname: string): int

+ getResetCode(email: string): string

+ updatePassword(email:string, tempCode: string,
newPassword: string)

+ getEventsByHost(email: string): Event[]

+ getEventsByAttendee(email: string): Event[]

+ getPublicEvents(): Event[]

+ updateUserFLNames(email: string, fname: string,
lname: string)

+ addEvent(event: Event): int

+ getGuests(eventID: int): Guest[]

+ addGuest(guest: Guest): Guest[]

+ addGuestResponse(guest: Guest, loggedIn:
boolean)

+ getChat(eventID: int): Message[]

+ addMessage(message: Message): Message[]

+ isOnGuestList(eventID: int, email: string): boolean

Event

- eventID: int

- hostEmail: string

- hostName: string

- eventName: string

- Location: string

- Start: Date

- End: Date

- isPublic: boolean

- reoccurs: boolean

- reoccurEnd: Date

- requestChildNum: boolean

- notifyHost: boolean

- maxAdditionalGuests: int

- limitAdditionalGuests: boolean

- font: string

- fontColor: string

- backgroundColor: string

- backgroundImage: image

Guest

- eventID: int

- email: string

- fname: string

- lname: string

- sent: boolean

- responded: boolean

- accepted: boolean

- childCount: int

- guestCount: boolean

Message

- eventID: int

- email: string

- content: string

- date: Date

- accepted: boolean

index.js

server.js