Design Document

Interaction (Sequence) Diagram - Delete Account

```
   ○                 ┌──────────┐              ┌──────────────┐   ┌──────────┐   ┌──────────┐
  ───               │   GUI    │              │              │   │ Database │   │   GUI    │
  User              ├──────────┤              │ $auth service│   ├──────────┤   ├──────────┤
                    │edit-account│            │              │   │ : users  │   │  index   │
                    └──────────┘              └──────────────┘   └──────────┘   └──────────┘

   ┌┐  deleteAccount()  ┌┐
   └┘ ───────────────▶  │ │
                        │ │  Confirm Message
                        ┌─┐◀──────────────┐
                        │ │               │
                        │ │  destroyAccount()  ┌┐
                        │ │ ──────────────────▶│ │
                        └─┘                    │ │  delete(user: User)  ┌┐
                                               ┌┐ ───────────────────▶ └┘
                                               │ │   Redirect           ┌┐
                                               │ │ ◀─────────────────── └┘
                                               │ │   Success message    ┌┐
                                               │ │ ◀─────────────────── └┘
                                               └┘
```
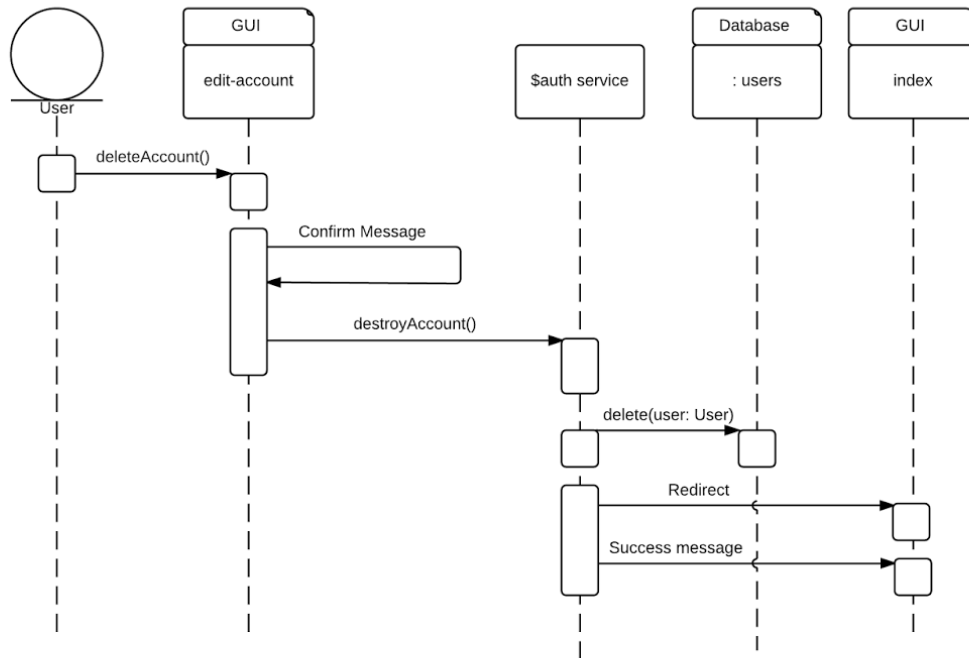
Interaction (Sequence) Diagram - Edit Account

```
   ○                 ┌──────────┐              ┌──────────────┐   ┌──────────┐   ┌──────────┐
  ───               │   GUI    │              │              │   │ Database │   │   GUI    │
  User              ├──────────┤              │ $auth service│   ├──────────┤   ├──────────┤
                    │edit-account│            │              │   │ : users  │   │ dashboard│
                    └──────────┘              └──────────────┘   └──────────┘   └──────────┘

   ┌┐ update(firstname, lastname) ┌┐
   └┘ ─────────────────────────▶  │ │
                        ┌┐  updateAccount(user: User)  ┌┐
                        └┘ ──────────────────────────▶ │ │
                                                       │ │  save(user: User)  ┌┐
                                                       │ │ ─────────────────▶ └┘
                                                       │ │   Redirect           ┌┐
                                                       ┌┐ ◀─────────────────── └┘
                                                       │ │   Success message    ┌┐
                                                       │ │ ◀─────────────────── └┘
                                                       └┘
```

Interaction (Sequence) Diagram - Login

GUI — login

$auth service

Database — : users

GUI — dashboard

User

login(email, password)

submitLogin(user: User)

findUser(user: User)

Alternative

[Login Valid]

Redirect

[Login Invalid]

Error message
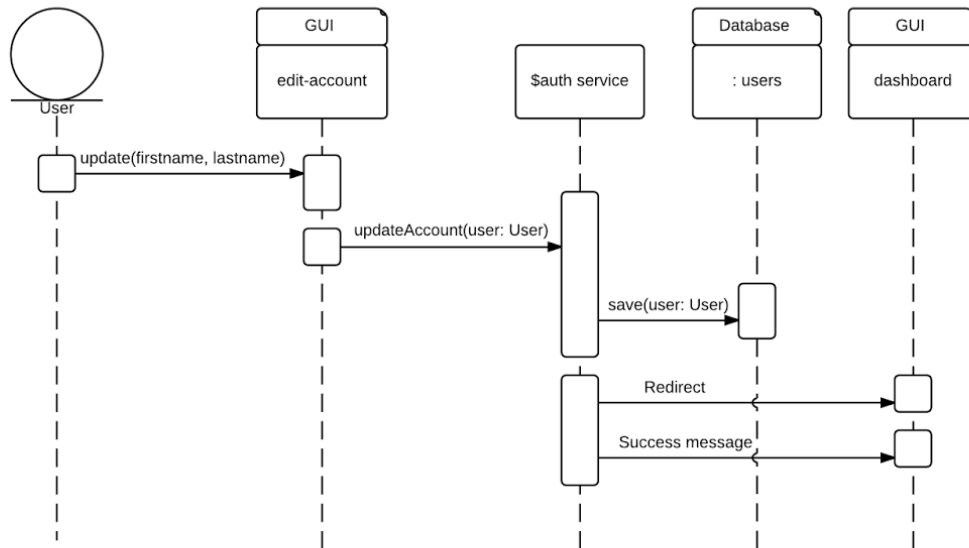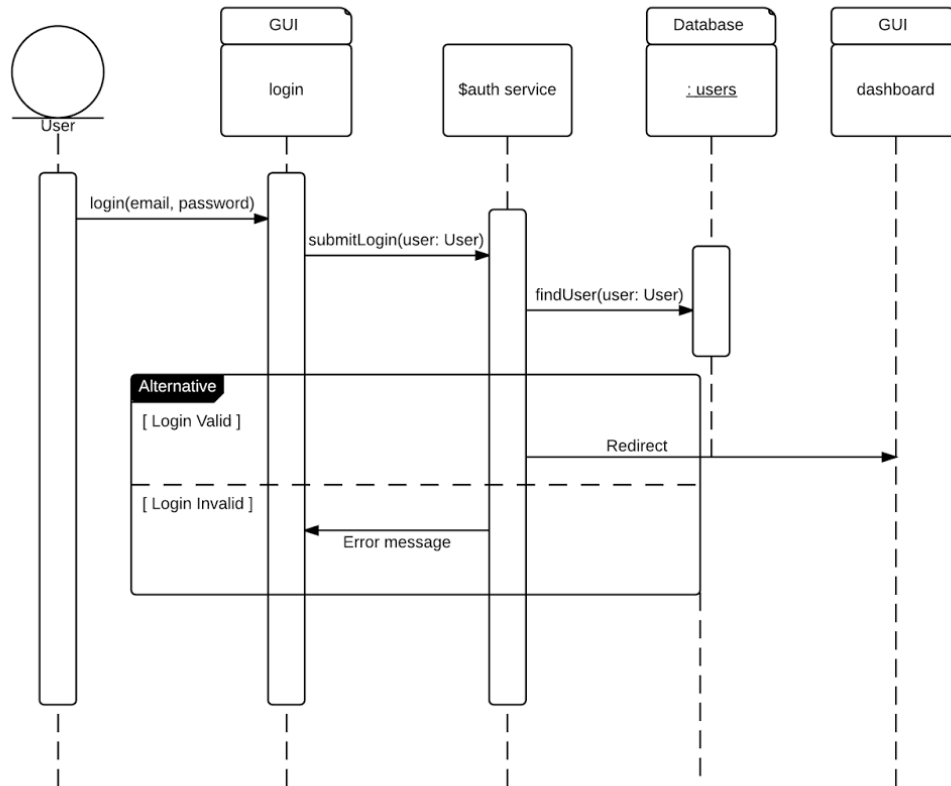
Interaction (Sequence) Diagram - Register

GUI
register

$auth service

Database
: users

GUI
index

User

save(email, password)

password_confirmation()

Password Error

submitRegistration(user: User)

Alternative

[Email is taken]

Error message

[Email is not taken]

save(user: User)

Redirect

sendConfirmEmail(email)

Success message