hapi-02-donate

Enter Amount:

0

Select Payment Method:

○ paypal ○ direct

Select Candidate:

Simpson,Maggie ⌄
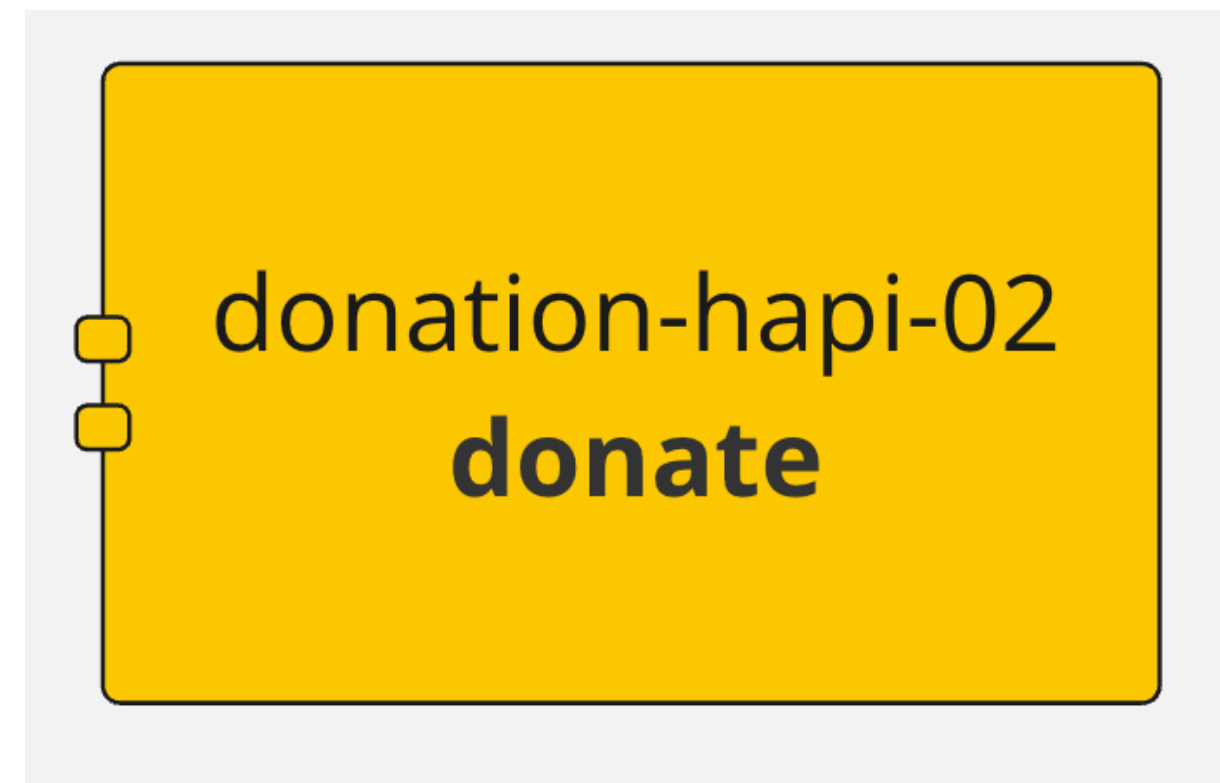
Donate and List donations support
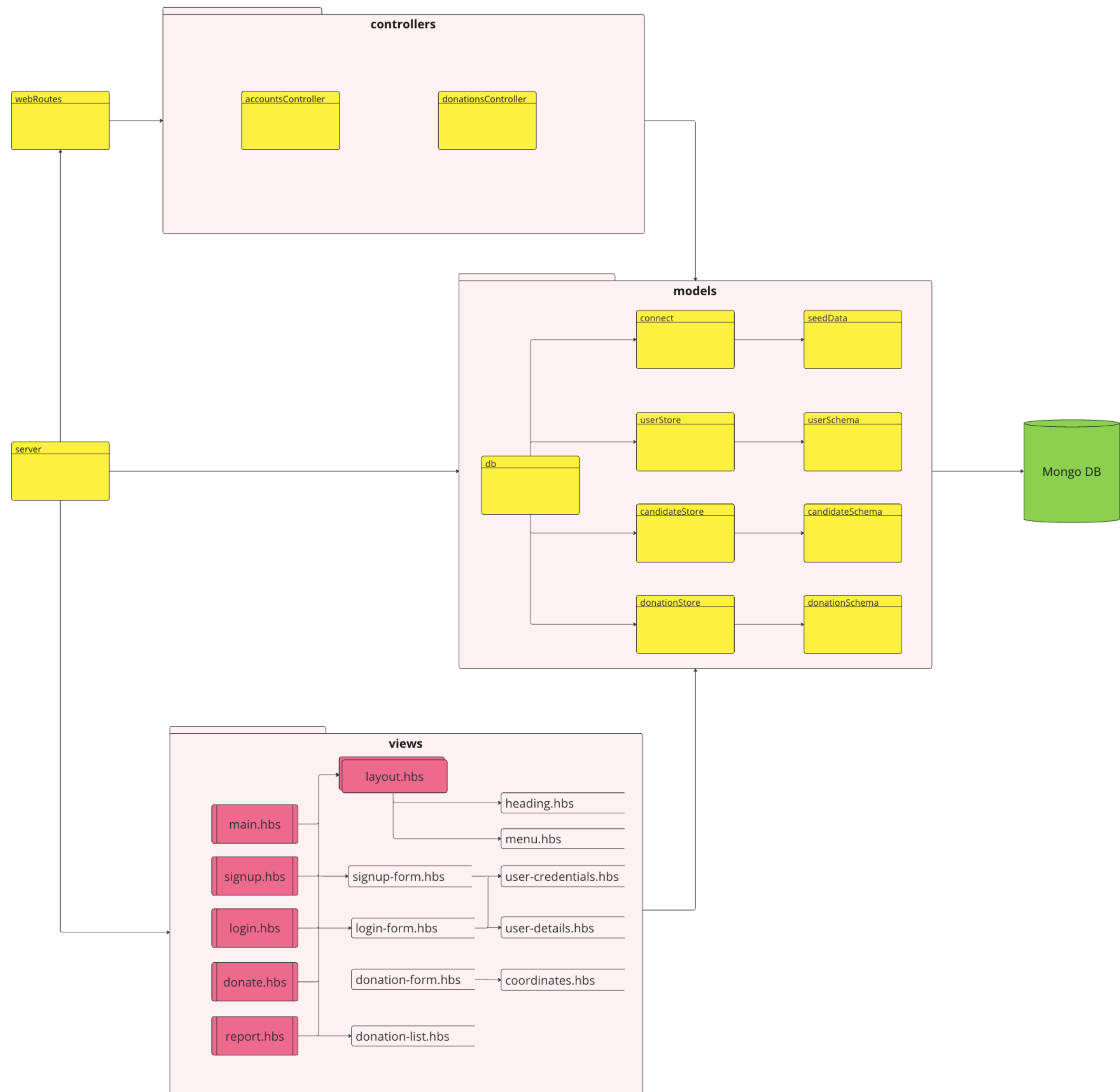
Donation-hapi-01-donate

donation-hapi-02
donate

- Basic User System + Placeholder views

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donation-hapi-02
donate

Key Concepts

- Forms

- Mongo Object References

- Mongo Seeding

src

controllers

JS accounts-controller.js

JS donations-controller.js

models

mongo

JS candidate-store.js

JS candidate.js

JS connect.js

JS donation-store.js

JS donation.js

JS seed-data.js

JS user-store.js

JS user.js

JS db.js

JS server.js

JS web-routes.js

views

partials

~ coordinates.hbs

~ donation-form.hbs

~ donation-list.hbs

~ heading.hbs

~ login-form.hbs

~ menu.hbs

~ signup-form.hbs

~ user-credentials.hbs

~ user-details.hbs

~ donate.hbs

~ layout.hbs

~ login.hbs

~ main.hbs

~ report.hbs

~ signup.hbs

Candidate Model

```javascript
import Mongoose from "mongoose";

const { Schema } = Mongoose;

const candidateSchema = new Schema({
  firstName: String,
  lastName: String,
  office: String,
});

export const CandidateMongoose = Mongoose.model("Candidate", candidateSchema);
```

```javascript
import { CandidateMongoose } from "./candidate.js";

export const candidateStore = {
  async find() {
    const candidates = await CandidateMongoose.find().lean();
    return candidates;
  },

  async findOne(id) {
    const candidate = await CandidateMongoose.findOne({ _id: id }).lean();
    return candidate;
  },

  async findBy(lastName, firstName) {
    const candidate = await CandidateMongoose.findOne({
      lastName,
      firstName,
    });
    return candidate;
  },
};
```
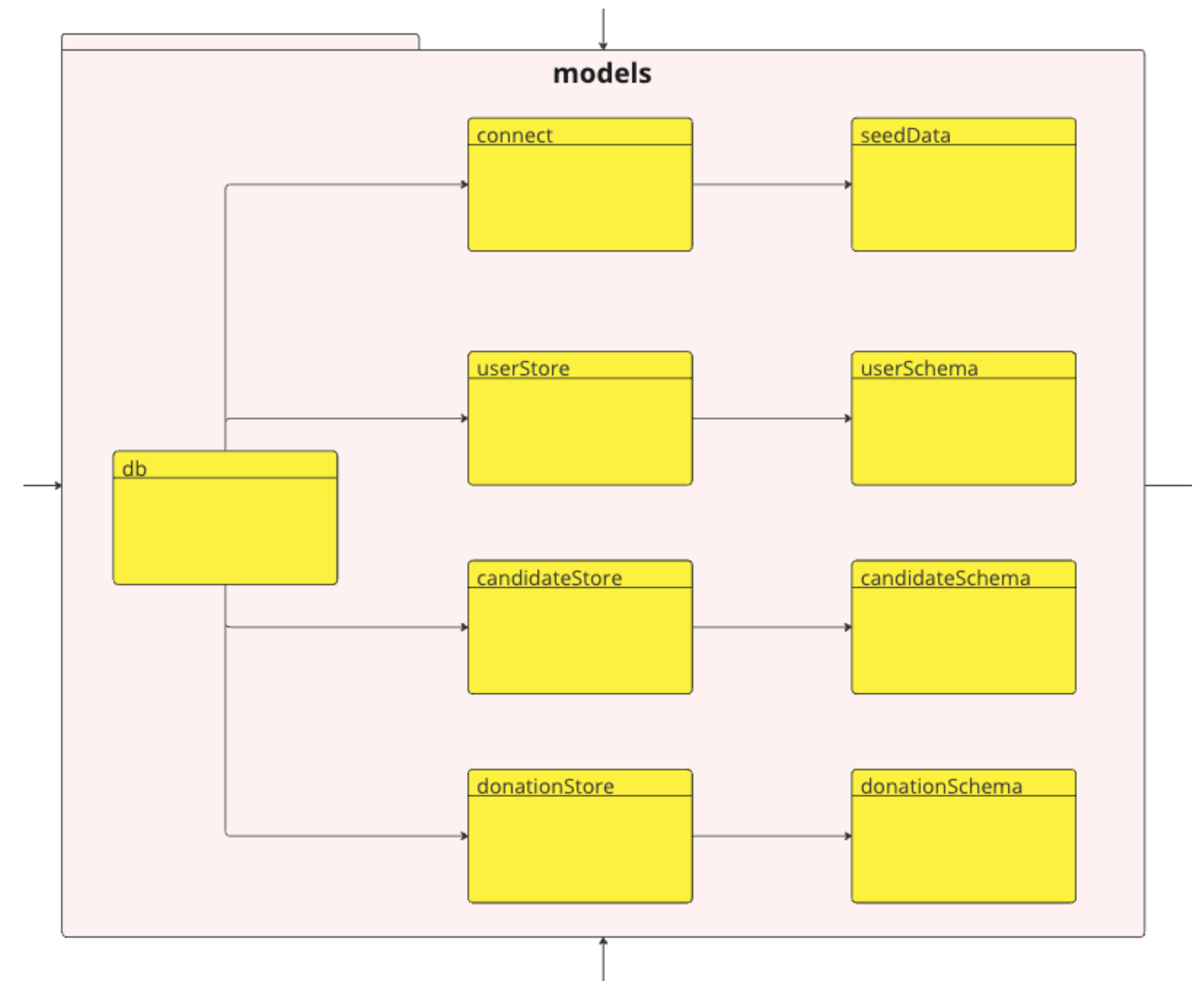
```javascript
import { DonationMongoose } from "./donation.js";

export const donationStore = {
  async find() {
    const donations = await DonationMongoose.find().populate("donor").populate("candidate").lean();
    donations.forEach((donation) => {
      // @ts-ignore
      donation.donor = `${donation.donor.firstName} ${donation.donor.lastName}`;
    });
    return donations;
  },

  async findBy(id) {
    const donations = await DonationMongoose.find({ candidate: id });
    return donations;
  },

  async add(donation) {
    let newDonation = new DonationMongoose({ ...donation });
    await newDonation.save();
    newDonation = await DonationMongoose.findOne({ _id: newDonation._id }).populate("candidate").lean();
    return newDonation;
  },

  async delete() {
    await DonationMongoose.deleteMany({});
  },
};
```

```javascript
import Mongoose from "mongoose";

const { Schema } = Mongoose;

const donationSchema = new Schema({
  amount: Number,
  method: String,
  donor: {
    type: Schema.Types.ObjectId,
    ref: "User",
  },
  candidate: {
    type: Schema.Types.ObjectId,
    ref: "Candidate",
  },
  lat: String,
  lng: String,
});

export const DonationMongoose = Mongoose.model("Donation", donationSchema);
```

Donation Model

src
- controllers
  - JS accounts-controller.js
  - JS donations-controller.js
- models
  - mongo
    - JS candidate-store.js
    - JS candidate.js
    - JS connect.js
    - JS donation-store.js
    - JS donation.js
    - JS seed-data.js
    - JS user-store.js
    - JS user.js
  - JS db.js
- JS server.js
- JS web-routes.js

views
- partials
  - coordinates.hbs
  - donation-form.hbs
  - donation-list.hbs
  - heading.hbs
  - login-form.hbs
  - menu.hbs
  - signup-form.hbs
  - user-credentials.hbs
  - user-details.hbs
- donate.hbs
- layout.hbs
- login.hbs
- main.hbs
- report.hbs
- signup.hbs

Views

📍 📷 Donation   Donate   Report   Logout(homer@simpson.com)

Make a Donation

📀 Please Donate Now

Enter Amount

| 1 |

○ Paypal ○ Cash   Simpson,Lisa ⌄

Lat -7.15242   Lng 52.160858

Donate

📍 📷 Donation   Donate   Report   Logout(homer@simpson.com)

Report

📀 Donations to Date

Amount	Method	Candidate	Donor
40	paypal	Simpson, Lisa	Bart Simpson
90	direct	Simpson, Lisa	Marge Simpson
430	paypal	Flanders, Ned	Homer Simpson

```handlebars
<form action="/donate" method="POST">
  <div class="field">
    <label class="label">Enter Amount</label>
    <input class="input" type="number" placeholder="Euros" name="amount" value="1" />
  </div>
  <div>
    <div class=" box field is-horizontal">
      <div class="field-body ml-6">
        <div class="control is-expanded mt-2">
          <input class=" radio" type="radio" name="method" value="paypal" />
          Paypal
          <input class="radio" type="radio" name="method" value="cash" />
          Cash
        </div>
        <div class="field-body">
          <div class="select">
            <select name="candidate">
              {{#each candidates}}
              <option value={{_id}}> {{lastName}},{{firstName}}</option>
              {{/each}}
            </select>
          </div>
        </div>
      </div>
    </div>
  </div>
  <div class="field mt-2">
    {{> coordinates}}
  </div>
  <div class="field">
    <div class="control">
      <button class="button is-success is-fullwidth">Donate</button>
    </div>
  </div>
</form>
```
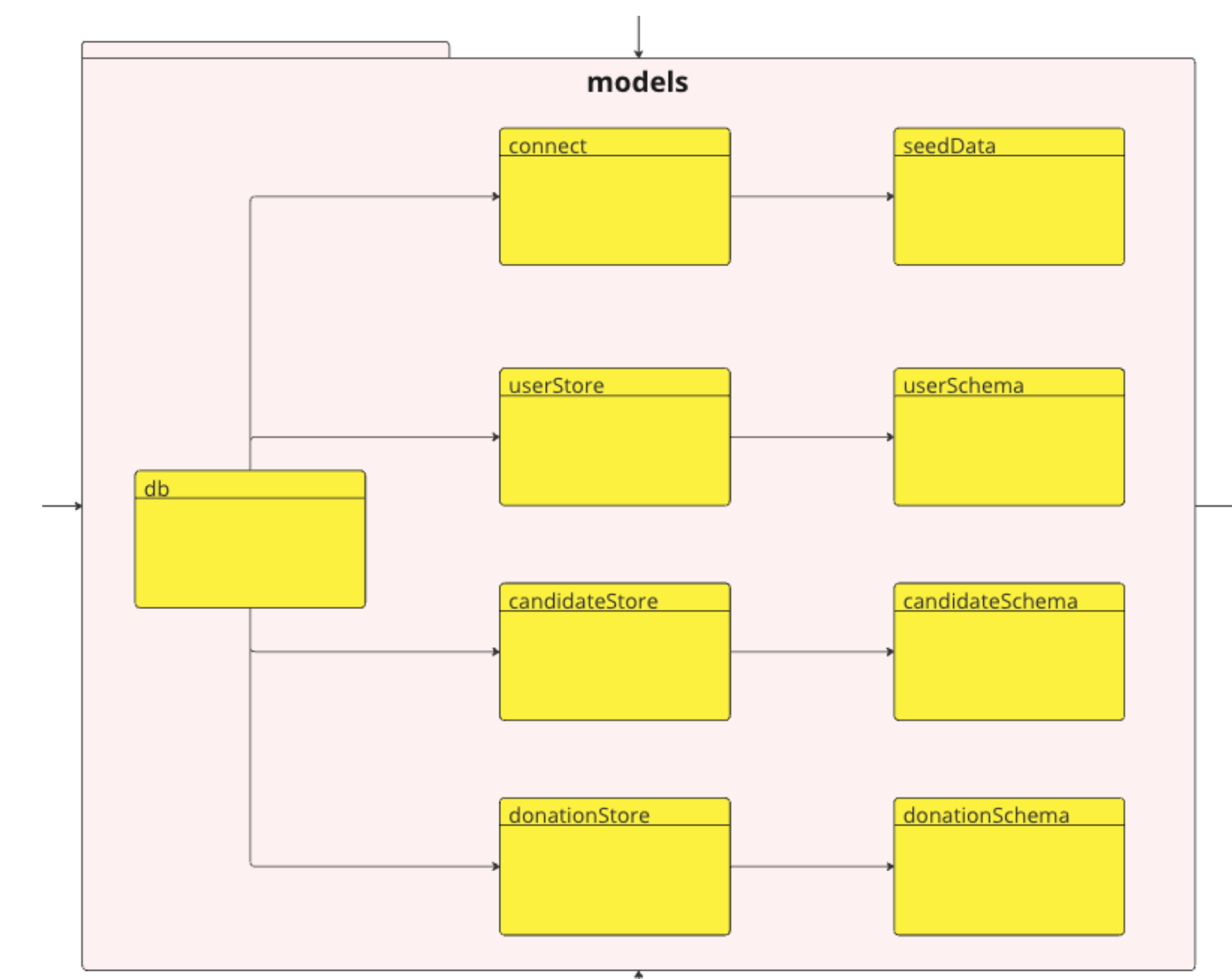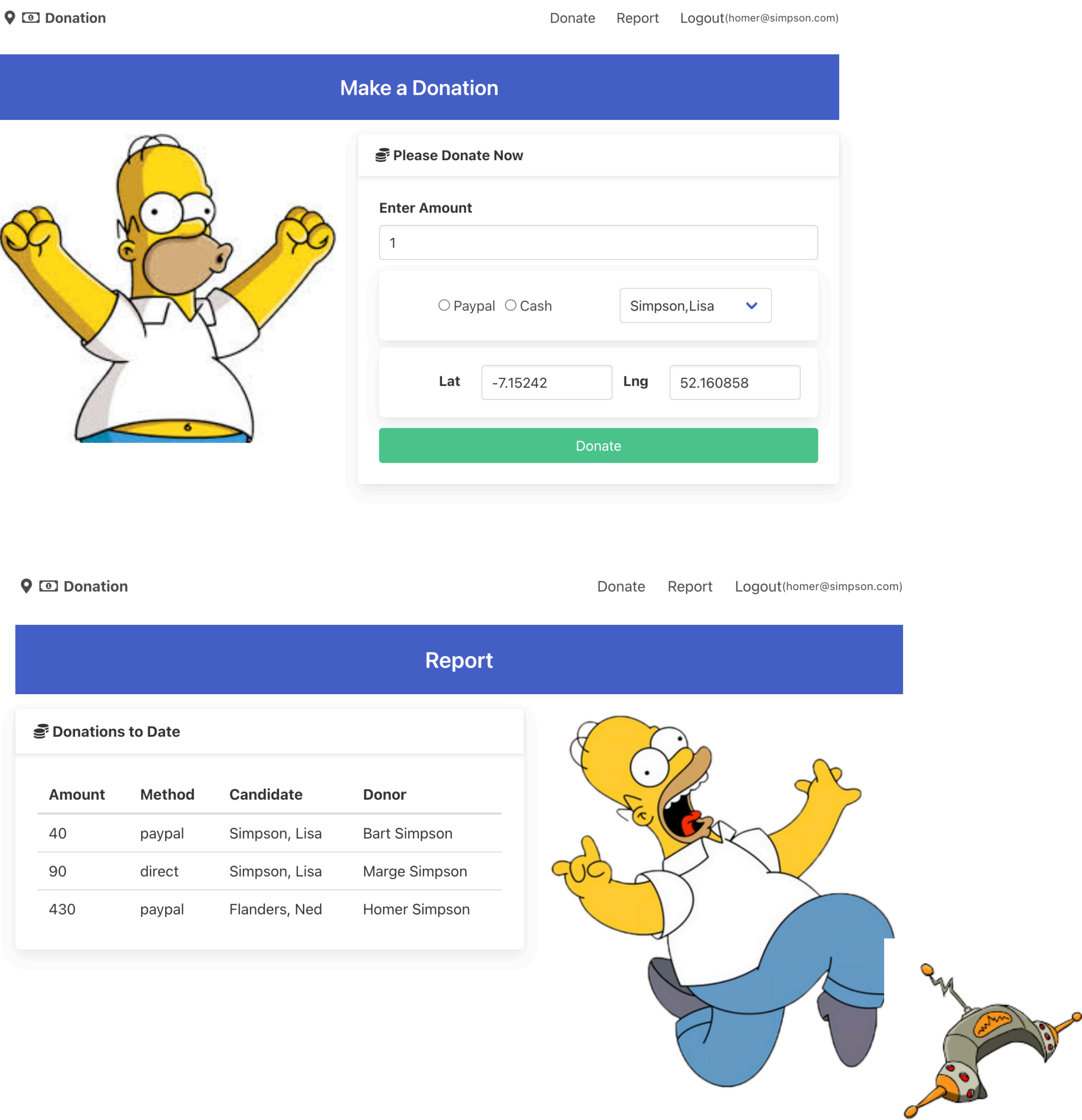
donations-controler.js

```javascript
export const donationsController = {

  donate: {
    handler: async function (request, h) {
      try {
        const loggedInUser = request.auth.credentials;
        const donationPayload = request.payload;
        const donation = {
          amount: donationPayload.amount,
          method: donationPayload.method,
          donor: loggedInUser._id,
          candidate: donationPayload.candidate,
          lat: donationPayload.lat,
          lng: donationPayload.lng,
        };
        await db.donationStore.add(donation);

        return h.redirect("/donate");
      } catch (err) {
        return h.view("main", { errors: [{ message: err.message }] });
      }
    },
  },
};
```

Please Donate Now

Enter Amount

1

○ Paypal ○ Cash   Simpson,Lisa   ⌄

Lat -7.15242   **Lng** 52.160858

Donate

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donate-list.hbs

```handlebars
<Card title="Donations to date">
  <table class="table is-fullwidth">
    <thead>
      <th>Amount</th>
      <th>Method</th>
      <th>Candidate</th>
      <th>Donor</th>
    </thead>
    <tbody>
      {{#each donations}}
      <tr>
        <td>
          {{amount}}
        </td>
        <td>
          {{method}}
        </td>
        <td>
          {{candidate.lastName}}, {{candidate.firstName}}
        </td>
        <td>
          {{donor}}
        </td>
      </tr>
      {{/each}}
    </tbody>
  </table>
</Card>
```

Donations to Date

Amount	Method	Candidate	Donor
40	paypal	Simpson, Lisa	Bart Simpson
90	direct	Simpson, Lisa	Marge Simpson
430	paypal	Flanders, Ned	Homer Simpson

donations-controler.js

```javascript
import { db } from "../models/db.js";

export const donationsController = {

  report: {
    handler: async function (request, h) {
      const loggedInUser = request.auth.credentials;
      const donations = await db.donationStore.find();
      return h.view("report", {
        title: "Report",
        user: loggedInUser,
        donations: donations,
      });
    },
  },
};
```

💰 **Donations to Date**

Amount	Method	Candidate	Donor
40	paypal	Simpson, Lisa	Bart Simpson
90	direct	Simpson, Lisa	Marge Simpson
430	paypal	Flanders, Ned	Homer Simpson

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donate.hbs


```handlebars
{{> menu }}
{{> heading }}

<div class="columns">
  <div class="column is-5">
    <figure class="image">
      <img class="object-fit" src="/homer-2.jpeg" alt="homer" />
    </figure>
  </div>
  <div class="column">
    <div class="card mb-5">
      <header class="card-header">
        <p class="card-header-title">
          <span class="icon"><i class="fas fa-coins"></i></span><span>Please Donate Now</span>
        </p>
      </header>
      <div class="card-content">
        <div class="content">
          {{> donation-form}}
        </div>
      </div>
    </div>
  </div>
</div>
```

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report.hbs

```handlebars
{{> menu }}
{{> heading }}

<div class="columns">
  <div class="column">
    <div class="card mb-5">
      <header class="card-header">
        <p class="card-header-title">
          <span class="icon"><i class="fas fa-coins"></i></span><span>Donations to Date</span>
        </p>
      </header>
      <div class="card-content">
        <div class="content">
          {{> donation-list}}
        </div>
      </div>
    </div>
  </div>
  <div class="column is-5">
    <figure class="image">
      <img class="object-fit" src="/homer-1.png" alt="homer" />
    </figure>
  </div>
</div>
```

📍 💰 **Donation**   Donate   Report   Logout(homer@simpson.com)

Report

🪙 **Donations to Date**

Amount	Method	Candidate	Donor
40	paypal	Simpson, Lisa	Bart Simpson
90	direct	Simpson, Lisa	Marge Simpson
430	paypal	Flanders, Ned	Homer Simpson

hapi-02-donate

Enter Amount:

0

Select Payment Method:

○ paypal ○ direct

Select Candidate:

Simpson,Maggie ⌄

Donate and List donations
support