# Coding a web app so that I can demonstrate my skills.

## Develop use cases

### Determine roles of users

#### Write story of what app does

#### Determine what roles are needed by app

### Determine each role’s abilities

#### Write a description of each role and it’s scope/limitations

### Write use cases

#### Search for information on creating use cases

#### Develop/select way to document use cases

#### Document use cases

##### http://www.gatherspace.com/static/use\_case\_example.html

### Evaluate user interactions

#### Review roles and associated use cases for overlap or missing actions

## Design interface

### Determine if this is SAAS or Account based app

#### Account based

##### Admin sets up club account

##### Admin approves users

##### Admin delegates roles to users?

### Design login page

#### Email

#### password

### Design Home, About pages

#### About page

##### Who we are

##### How this works

#### Home

##### What the app does

##### Key features

###### Book info

###### Meeting info

###### Polling

### Design welcome page (per club)

#### Club name

#### Member name

#### Book name

#### Next meeting time, date location

### Design Admin page (per club)

#### How to manage members

#### How to set up poll

#### How to set up meeting

#### List of members

#### Next meeting

##### Members attending

##### Location

##### Time

##### Date

##### Current book, reading

### Design User page (per club)

#### Current meeting info

#### Edit my info

#### Leave club

#### RSVP

### Design Meeting info page

#### Readings

#### Questions/Options

#### Notes

#### Date, Time, Location

##### Maps

##### Reminders

### Design Book page

#### Title

#### Author

#### Publisher

#### IBDN

#### Edition

### Design poll/vote page

#### Books (Check boxes?)

#### Start date

#### End date

### Design empty state page

### Design 404 page

## Design database

### Build ERM

### Write migrations

### Scaffold controllers

# Write code

## Write blade index file

### Navigation

### Footer

### Header

### Content areas

## Build Home/Welcome page

### Write blade copy for content

### Write login/register

# Test , refactor, publish

# Book Club Manager

## MVP: An online tool to support independent book clubs with meeting calendars and reminders and book readings and selections.

### Add maps for meetings

### Reviews for books

### Links to Amazon, B&N, local library, OverDrive, Hoopla

### Special notes

### Special emails

### Links to FB, Twitter,

## Each club is independent

### One or more club leaders

#### Establish club

#### Accept/deny members

#### Manage meeting info

#### Manage books

#### Schedule emails

### Unlimited reader members

### Members can poll club to select next book

### Each meeting can

#### Contain all meeting information

##### Date, Time, Location

###### Map

##### Chapters/Pages for this meeting

##### Notes

#### Support RSVPs

#### Send reminder emails

### Books

#### ISBN

#### Availability

#### Link to purchase?

# Roles

## Admin

### Administer root levels of application

### All permissions of leader, co-leader, reader roles

### May be a member, leader or co-leader of many clubs

## Leader

### Setup and manage club

### Approve and dismiss members

### Promote member to co-leader

### All permissions of co-leader, reader roles

### May be a member, co-leader, or leader of many roles

### Is a member of clubs in which they are leader

## Co-Leader

### Setup and mange book info

### Setup and manage meeting info

### All permissions of member

### May be a member or co-leader of many clubs

### Is a member of clubs in which they are co-leader

## Member

### View meeting information

### Vote in polls

### Contact Co-Leader, Leader

### May be a member of many clubs

# Database Schema

## Clubs

## Books

## Members

## Member Types

## Club Members

## Club Books

## Club Meetings

## Meetings

## Meeting Members

|  |  |  |
| --- | --- | --- |
| Method | Route | Description |
| GET | / | Index |
| GET | /clubs | List of clubs |
| GET | /clubs/:id/edit | Overview of specific club by id, allow edits |
| PUT | /clubs/:id | Update club |
| GET | /clubs/create | Form to create a new club |
| POST | /clubs | Save new club |
| GET | /clubs/:id/meetings | List of specific club by id meetings |
| GET | /clubs/:id/meetings/:id/next | Overview of specific club next meeting |
| GET | /clubs/:id/members | List of members of specific club, showing type |
| GET | /clubs/:id/members/:id | Specific member of specific club |
| PUT | /clubs/:id/members/:id | Update specific member of specific club |
| GET | /clubs/:id/members/:id/get | Edit specific member of specific club |
| POST | /clubs/:id/members/edit | Add new member to specific club |
| GET | /clubs/:id/members/:id/delete | Remove member from club |
| GET | /members | List of all members |
| GET | /members/:id/edit | Form showing member and allowing edit |
| PUT | /members/:id | Update member |
| GET | /members/create | Form to create new member |
| POST | /members | Save new member |

Handy mysql statements because I can’t seem to get seeder to work

### INSERT INTO clubs (name, created\_at, updated\_at) VALUES ('We Read', now(), now()), ('We Read and Eat', now(), now()), ('We Read and Drink', now(), now()), ('We Eat and Drink', now(), now());