



SnookR

<http://www.github.com/esmelsersnookr>

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Evan Smelser • 8.10.2017



SnookR

An open-source Django Web Application
designed to help pool players communicate
and collaborate

Target Audience

- League Pool Players
- Division Representatives

Current communication *“strategy”*

- Facebook
- Text message
- Weekly Newsletter

MVP focus

- Build sublist functionality for teams and players to find subs in particular divisions
-



What I learned



Learning Goals

- Web Development
- Django Framework
- Improve Python Skills

What I actually learned

- Web Development
- Django Framework
- Improve Python Skills
- Python Virtual Environments
- HTML
- CSS
- Bootstrap
- User authentication
- Open Source Licensing
- Web Deployment

Dynamic Design Decisions

Original (Static) Design

- Specific views for each sublist
- Single App Design
- Smaller Data Model

New (Dynamic) Design

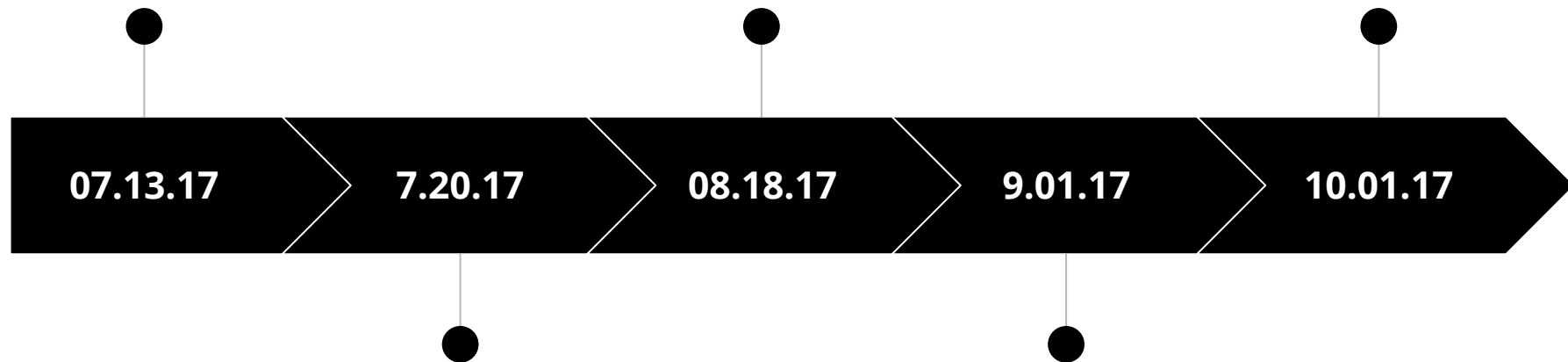
- Dynamic views creation for sublists allowing horizontal scaling
- Segregated out sublist functionality from main app
- More complex data model with more modular design

Schedule

Finished django study
and began SnookR
development

User signup to sublist
registration critical
path complete

Version 1.0.0
deployment goal



07.13.17

7.20.17

08.18.17

9.01.17

10.01.17

Recruited experienced
collaborator to assist
with dev and design

Version 1.0.0 functional
requirements complete.

SnookR Demo

- SnookR Repo
- Trello
- Home page
- Django Admin/data model
- Sublist

Welcome to SnookR!

[Click here to login](#) or [Sign up](#)

Hi, darrin!

Your Related Sublists

sublist/sublist1

sublist1 sublist

List of subs for wichita
Summer 9ball

-
- - darrin

[Click here to register for this sublist](#)

Site administration

AUTHENTICATION AND AUTHORIZATION

Groups	+ Add	✎ Change
Users	+ Add	✎ Change

MAIN

Divisions	+ Add	✎ Change
Players	+ Add	✎ Change
Sessions	+ Add	✎ Change
Subs	+ Add	✎ Change
Teams	+ Add	✎ Change

SUBLIST

Sublists	+ Add	✎ Change
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Recent actions

My actions

- [✎ wichita_Summer_9ball](#)
Sublist
- [✎ wichita_Summer_9ball](#)
Session
- [+ sample is available 2017-07-27 22:31:34+00:00](#)
Sub
- [+ sample](#)
Player
- [✎ wichita_Summer_9ball](#)
Session
- [+ is available 2017-07-27 22:14:14+00:00](#)
Sub
- [✖ wichita_Summer_9 ball](#)
Session
- [✎ wichita_Summer_9ball](#)
Sublist
- [✎ wichita_Summer_9ball](#)
Sublist
- [✎ wichita_Summer_9ball](#)
Sublist

←

Boards

🔍

Trello

+

🔔

🔔

ES

SnookR

SnookR

☆

Public

🔄 2 repos

Show Menu

Add a list...

Backlog

Project Config

Setup a google website with related docs/links?

permissions

Implement User level permissions for Team creation

🗨 3

📌 0/1

permissions

EPIC

User level elevated permissions implementation

🗨 1

📌 0/4

BE

permissions

Implement User level permissions for Sublist Creation

🗨 1

Education/Research

permissions

Research elevated user permissions

🗨 1

permissions

Implement User level permissions for Division/Session Creation

🗨 1

Teams

EPIC

Team Implementation

🗨 0/2

Session

EPIC

Session Implementation

🗨 1/5

Divisions

EPIC

Division Implementation

🗨 1/2

Teams

Add a card...

Current Sprint

Create a document specifying git collaboration strategy

🗨 2

Discussion

Meeting Discussion

🗨 4

Add Copyright and License Info to each of the code files

🗨 1

ES

Draw out what home page/sublist page should look like with dimensions

🗨 1

📌 0/4

ES

Add a card...

In Progress

Education/Research

RESEARCH - can views be dynamically created by users with admin rights? (or some other privileges)

🗨 9

👤 1

📌 0/1

🔔 1

1 merged

BE

Discussion

Discuss with Bobby what a good general testing strategy might be.

🗨 2

BE

ES

DEMO PREP

[Critical Path] User creation -> sublist registration

🗨 1

📌 6/10

BE

ES

Learn about deployment

🗨 4

ES

Write out Fixtures for test database population

🗨 2

ES

Add a card...

Code Review

Add a card...

QA

Education/Research

Integrate user model with player model

🗨 8

👤 2

🔔 1

BE

Fix Readme

🗨 2

ES

Add a card...

Done Done

sprint 1

Setup User login

🗨 2

BE

sprint 1

create team model

🗨 2

📌 1/1

ES

sprint 1

create player model

🗨 2

📌 1/1

ES

sprint 1

create division model

🗨 1

📌 1/1

ES

Think more about data model re: player/team/division and their relations

🗨 5

👤 2

📌 5/5

🔔 1

ES

sprint 1

Create Homepage skeleton

🗨 2

BE

sprint 0

blocked

create HTML templates that will represent each of the pages later to display

🗨 3

BE

ES

sprint 0

blocked

Add a card...

Ongoing Research

Education/Research

Learn Django

🗨 10

📌 1/4

ES

Education/Research

Learn Python


🗨 3

👤 1

🔔 1

ES

Add a card...



What is next?

- Elevated User Permissions
- Divisions
- Sessions
- Teams



Questions?

