Boxsplit V1

https://github.com/nearlyeveryone/boxsplit

Description:

Create a site where people can do Boxsplits in an organized fashion

Goals:

1.

Backend:

- How to do instagram and twitter signin using FastAPI and OAuth?
    - https://fastapi.tiangolo.com/tutorial/security/simple-oauth2/
    - https://medium.com/data-rebels/fastapi-google-as-an-external-authentication-provider-3a527672cf33

Frontend:

- Display a single boxsplit
- Display a list of boxsplits
- Create a new boxsplit
- Sign up/in with instagram or twitter

Infrastructure/Server stuff:

- Setup mongodb
- Create service to deploy when commits are merged into master

Users:
-userid: string
-username: string
-email: string
-instagram, twitter, facebook bullshit

Box:
-leaderUserId: string
-name: string
-description: string
-splits: Split[]

-state: int
-createdOn: datetime
-endDate: datetime (maybe not v1)

Split:
-participantUserId: string
-name: string
-description: string
-priceCents: int
-state: int (enum)

MongoDB:
-Users collection
-Box collection - every db document will have nested straps, so no need for a Split collection
-ArchivedBoxsplits ???