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SoftDev
P04: Ultibase
2022-05-24

ULTIBASE

Description: We are creating an all-in-one Ultimate Frisbee site that can check attendance, see the team's official roster, store important information like emails and USAU IDs, and animate Ultimate Frisbee plays like cuts and drills (clone of <https://www.ultiplays.com/>). Important links and documents will all be stored in one place, so captains and team members can access it easily.

Components and Purpose:

- Drawing plays/progression of plays using canvas (animations or slideshows)
- Creation of teams/adding players to rosters
 - Posting to a forum/chat to communicate??
 - Send alert/email when update is posted (like piazza stuff)
- Attendance Checklist
- **Toss Buddy Tracker**
 - Tells what frees align with a teammate's
- Flask
 - Display HTML Page
 - Data is pulled from the database in order to populate each webpage
- JavaScript:
 - Canvas to draw plays
- SQL Database:
 - DB of team + DB of all users
 - How to keep track of attendance?
 - Keeps track of each player
- Bootstrap:
 - Navbar + footer
 - Simple CSS elements to make website uniform
 - About page
 - Carousel to display canvas images
- Docker
 - Deploying webapp through here

Database Organization:

Users Table

id (primary key)	Username (String)	Password (String)
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Yearly Roster

year	team (b/g a/b)	roster (list)
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Possible Alternative

<Year>

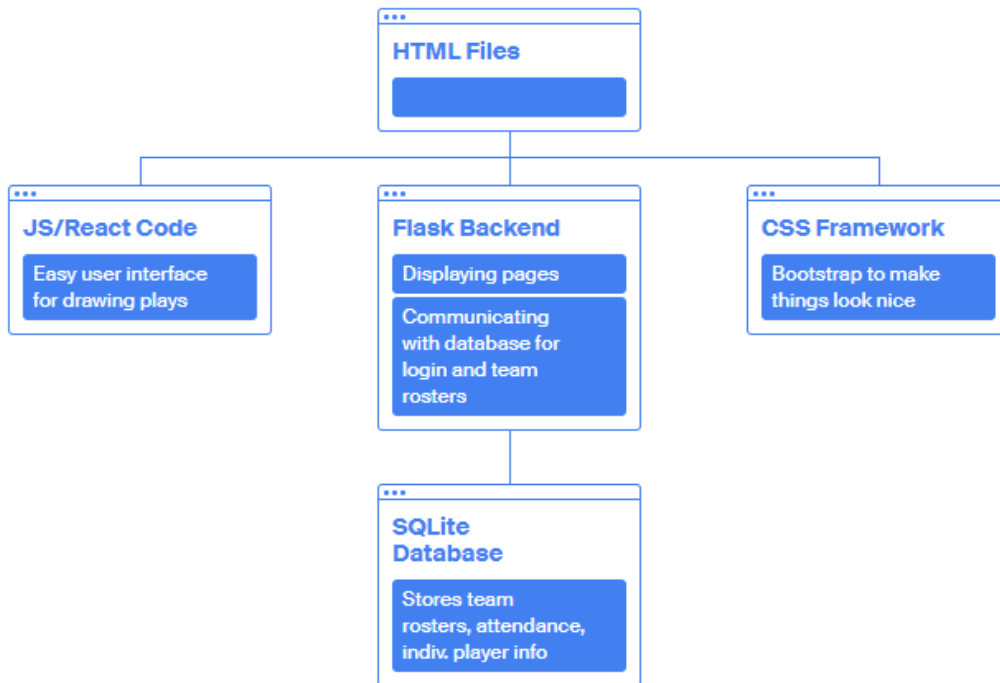
roster (new row per person)	team (b/g a/b)	frees
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Table for images

Site Map:



Component Map:



Division of Tasks:

Austin: Project Manager & Frontend & Deployment (Docker/DO)

Yoonah: Frontend (HTML)

Yaying: Backend

Han: Backend

Ship Date

- 06/10/22 ?