

Orgifi

Team 38

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Project Overview

- Orgify aims to be a website to find and manage clubs or small organizations
- Current options are clunky or lack important features
- Example users include organizers of intramural sports clubs, or people who moved to a new area and are looking for hobbies

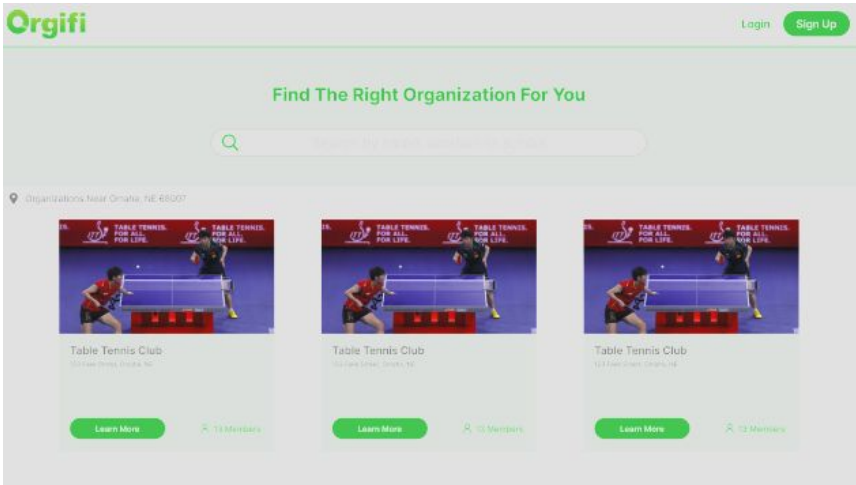
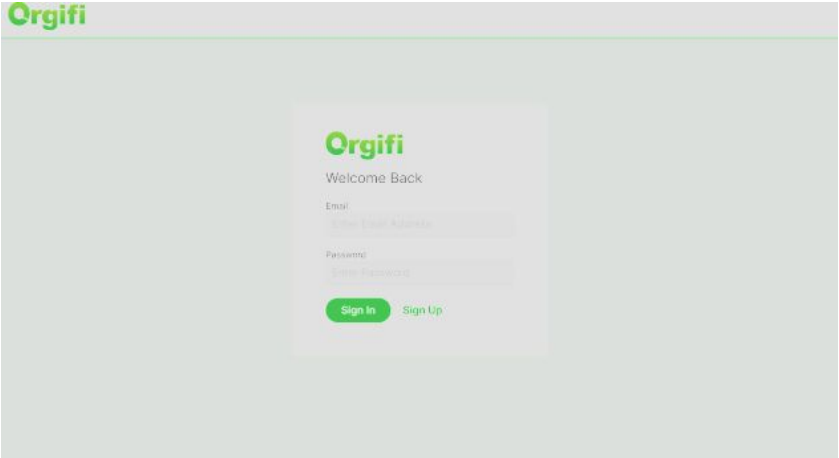


Set the Stage

- **Learn User Needs**
 - Searching for organizations by name, location, and school.
 - Learning about organizations through detailed information pages.
- **Test Function Capabilities**
 - Authentication flows (sign-up, sign-in, sign-out).
 - Member management capabilities for organization admins.
- **Assess Technical Implementation**
 - The typesafe and reusable design of front end components.
 - Effectiveness of the backend microservices structure.



Demonstration



Reflect

- **What we learned**
 - The prototype gave us a deeper understanding into the website flow, and areas to improve on the UI.
 - Helped in determining the features we needed to prioritise when implementing.
- **What worked**
 - The flow of screens worked well.
 - Better understanding of backend flow.
- **What didn't**
 - Connecting complex features together.



Implication and Next Steps

- Refine the Architecture:

The monorepo structure and separation between frontend and backend services are promising for modularity and scalability. Further refining service boundaries may enhance maintainability.

- Data Flow Optimization:

Observing how data flows through DTOs, domain objects, and DAOs can help identify performance bottlenecks. Consider optimizing data transformations and caching frequently accessed data.

- Improve Component Reusability:

Prototype components suggest opportunities for reusable UI elements. Expanding shared components can help reduce redundancy and ensure consistency.

- Strengthen API Design:

API endpoints in the backend could be refined based on usage patterns, prioritizing endpoints that improve responsiveness and user experience.



Thank You

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