
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

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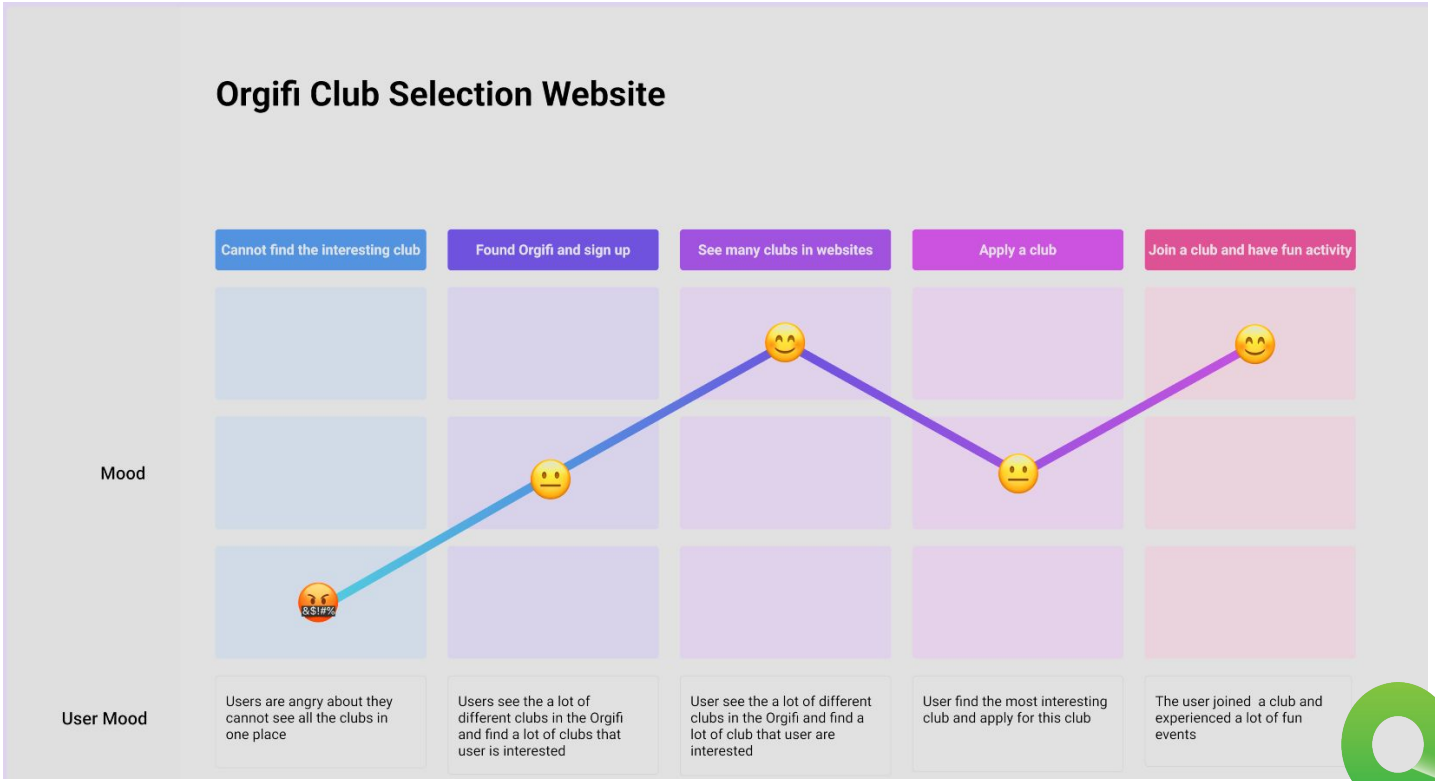
# Journey Map

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# Pros & Cons

| | User-Authentication | User Interface/UX | Real-Time Chat |
|---|---|---|---|
| Pros | - Secure user access through robust authentication<br>- Established identity verification | - User-friendly design improves adoption<br>- Easy navigation and organized features | - Allows seamless communication<br>- Encourages team engagement and quick responses |
| Cons | - Potential security vulnerabilities<br>- High complexity for setup and maintenance | - Designing a consistent and intuitive UI may be time-consuming<br>- Requires iterative testing | - High server load for real-time features<br>- Complexity in handling message consistency |

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# Human Aspect

**User Needs**:

Orgify addresses user needs by centralizing all organizational tools, reducing the need for multiple apps.

**Potential Improvements**:

Gather feedback on usability and consider adding onboarding tutorials to assist new users.

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# Economic Aspect

**Advantages:**

Orgify improves over existing solutions by consolidating several tools into one, potentially saving organizations on costs and simplifying management.

**Disadvantages:**

High maintenance and update costs for advanced features may make Orgify less affordable for smaller organizations.

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# Technical Complexity Analysis

| Component | Internal Complexity | External Complexity | Server Cost |
|---|---|---|---|
| User Authentication | Requires security mechanisms, user database integration, and strong authentication libraries. | High security standards and room to develop if the user base expands quickly | Authentication doesn't require large servers but must be highly reliable and secure |
| Database Management | Requires design for scalability, indexing, and data integrity | Expected to handle all user, organization, and chat data efficiently at scale | Database performance will require robust servers, especially if the user base expands |
| Server Infrastructure | Centralized or cloud-hosted servers to support all above functionalities | Must scale with demand and handle peak loads; ideally resilient to failure | Very High: Server setup is expensive, particularly for high-demand features like chat and database |

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