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K J Somaiya College of Engineering

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WeConnect: Design and Development of a Global Hub Website for Social Service Organizations

Group ID: 38

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WeConnect

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Problem Defination

1. The problem at hand is the absence of a centralized platform tailored for NGOs, social workers, organizations, and orphanages to effectively connect, collaborate, and access necessary resources. Currently, these entities operate in disparate spaces, lacking a unified platform for networking and resource-sharing.
2. Furthermore, there is a notable absence of dedicated channels for fundraising and donation campaigns, hindering the potential for support and collaboration across various social causes. By addressing these gaps, the envisioned portal seeks to streamline communication, enhance visibility, and foster collaboration within the social work community, ultimately facilitating the efficient execution of social initiatives and projects while mitigating the challenges posed by fragmented resources and decentralized efforts.

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Literature Review

SR. NO	RESEARCH PAPER LINK	TITLE	AUTHOR
1.	https://drive.google.com/file/d/1MRy2n7GlTd9A1dxYdsL18GBzS7jmZKTB/view?usp=drive_link	Analyzing collaboration between NGO's	Richard Batley and Pauline Rose.
2.	https://drive.google.com/file/d/1MRy2n7GlTd9A1dxYdsL18GBzS7jmZKTB/view?usp=drive_link	Collaboration between corporates and NGO's	Kajal Kumar Dutta and Vandana Talegaonkar
3.	https://drive.google.com/file/d/1HYxm6TJ8BEiXCSwAIOwV4MQthIWUAU6R/view?usp=drive_link	Environmentalist business collaboration	Edwin R. Stafford

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4.	https://drive.google.com/file/d/1MRy2n7GlTd9A1dxYdsL18GBzS7jmZKTB/view?usp=drive_link	Effectiveness of NGO-government partnership to prevent and treat child	Sheila Chanani, Anagha Waingankar, Neena Shah More, Shanti Pantvaidya, Armida Fernandez, and Anuja Jayaraman
5.	https://drive.google.com/file/d/1SKP4A-oa905im6J4j7AdyeX_aX9n5Hn3/view?usp=drive_link	An Information-Based Model of NGO Mediation	S. Madon,S. Sahay
6.	https://drive.google.com/file/d/1lwJg110_cd8GktuQsw2VVJQISZyUDHhv/view?usp=drive_link	Energy Services for the Urban Poor: NGO Participation in Slum Electrification in India	Bipasha Baruah

Scope of Project

Functionalities:

- User Registration and Authentication
- Organization Profile Management
- Donation Payment
- Directory of Organizations
- Collaboration Hub
- Resource Sharing
- Upcoming Events

Non-Functional Requirements:

- Confidentiality
- Availability
- Reliability
- Maintainability
- Data Privacy

Dataset description

Organizational Profiles	Organization Name, Description, Contact Information, Website Link, Social Media Links, Geographical Scope, Focus Areas.
Collaboration Data	Collaboration Initiatives, Collaboration Interests, Partnerships, Tasks/Events
User Interaction Data	User Profiles and Payment Details
Event Data	organizations, date, time, location, registration information

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Technology Stack

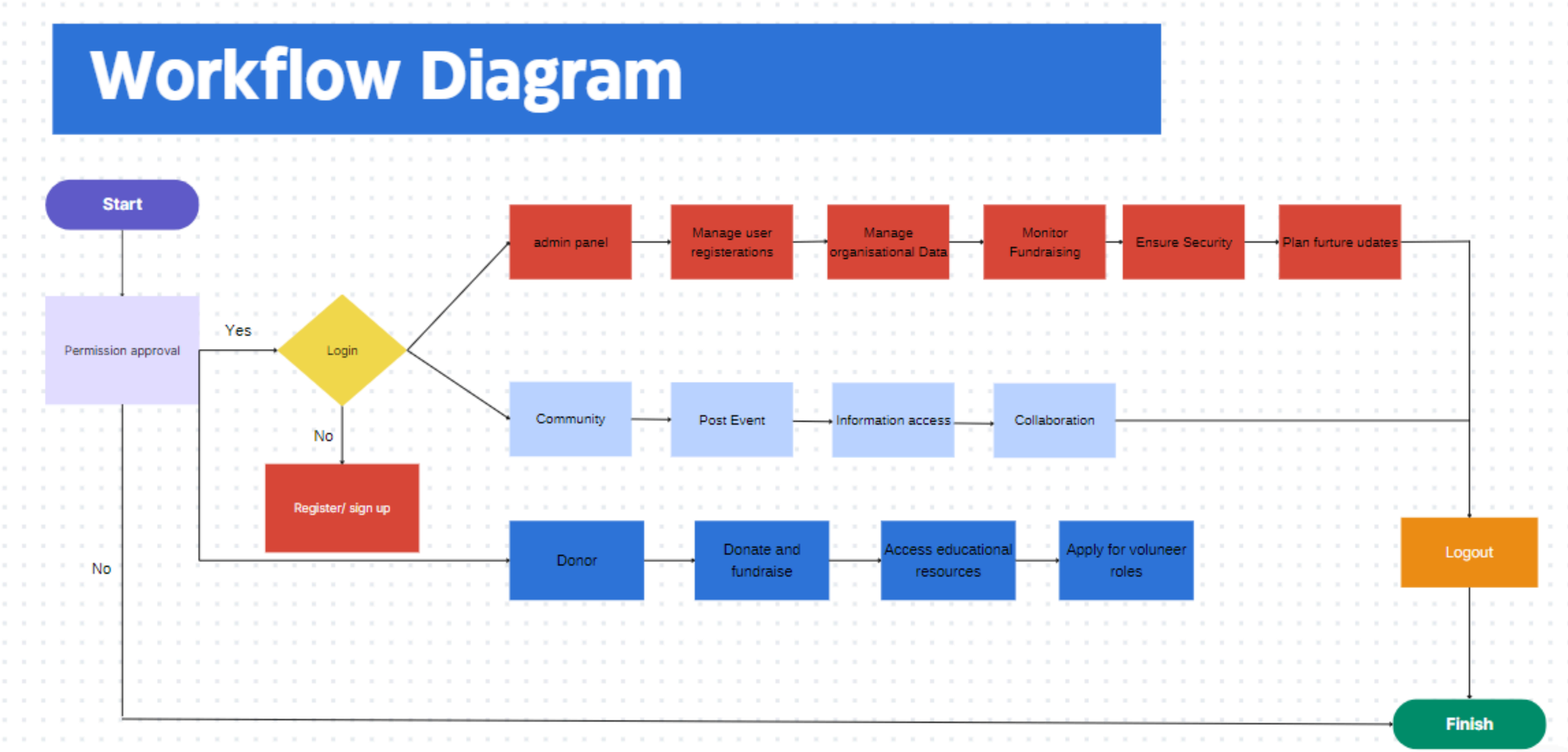
Software Requirements:

1. Frontend Development
- HTML5/CSS3
2. Backend Development:
- MySQL
3. Database:
- PHP Data Objects (PDO) or MySQL for database connectivity with PHP
4. Authentication and Authorization:
- Custom PHP authentication implementation (for PHP)

Hardware Requirements:

- RAM: 2GB (Minimum)
- Storage: 10GB (Minimum)

Work Flow


Workflow Diagram
Start
Permission approval
Yes
Login
No
Register/ sign up
No
admin panel
Manage user registerations
Manage organisational Data
Monitor Fundraising
Ensure Security
Plan furture udates
Community
Post Event
Information access
Collaboration
Donor
Donate and fundraise
Access educational resources
Apply for voluneer roles
Logout
Finish

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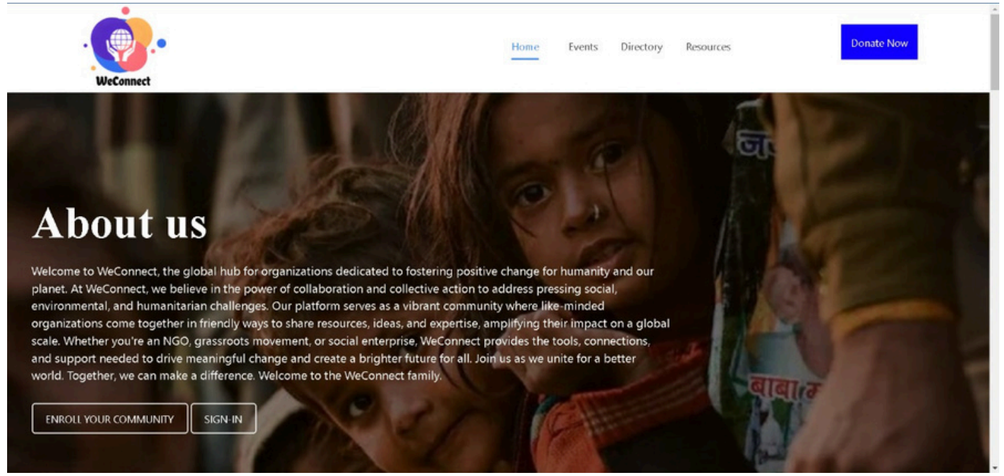
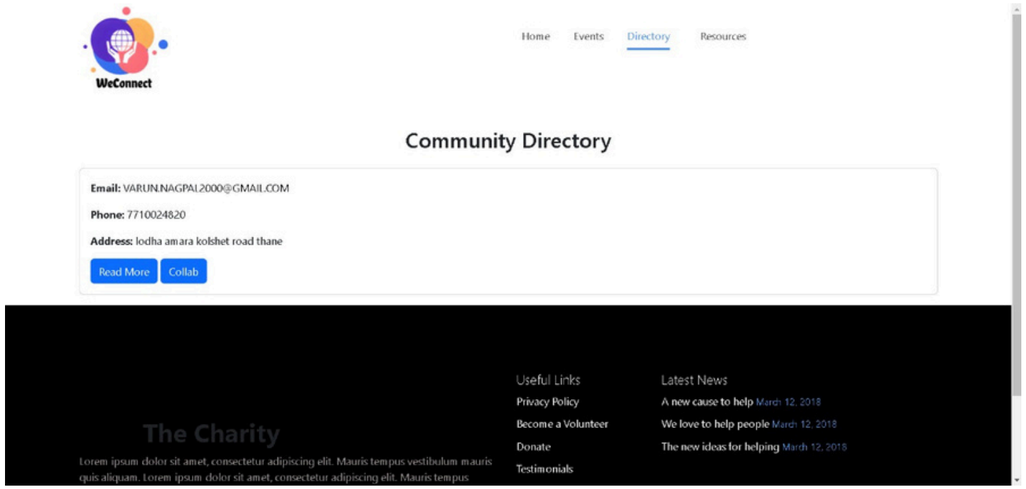
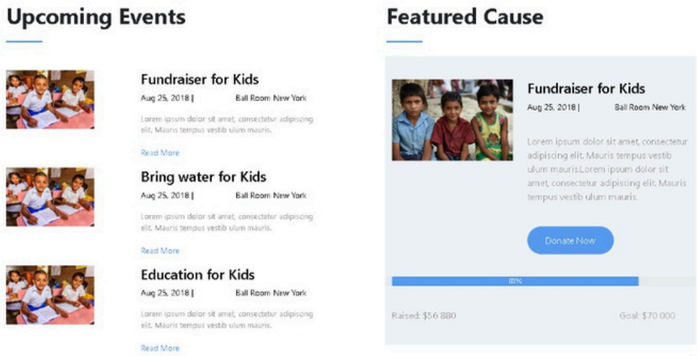
We connect Website



Home Page



Community Directory



Event-user-side

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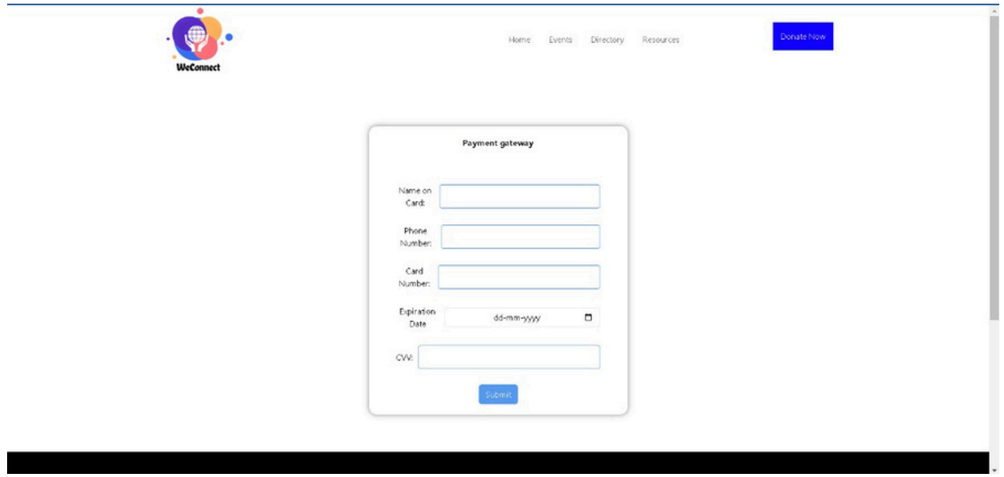
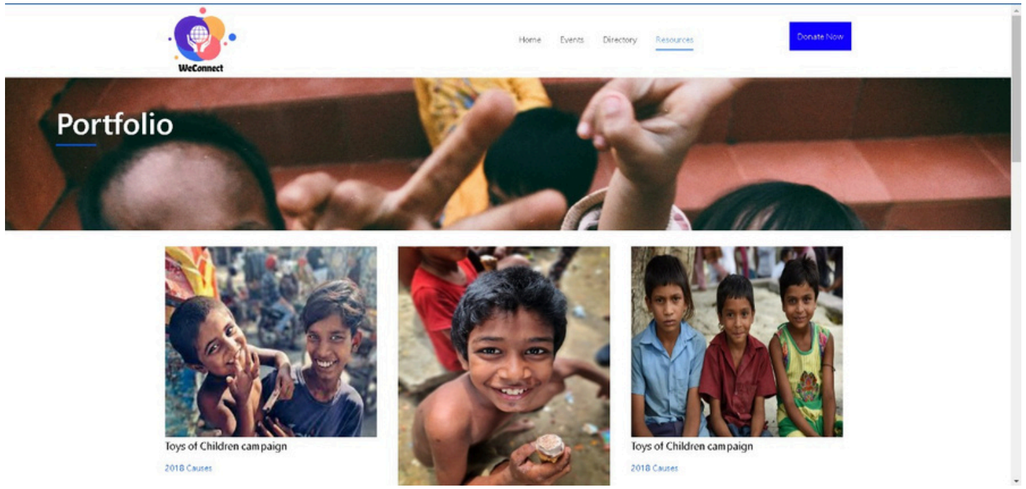
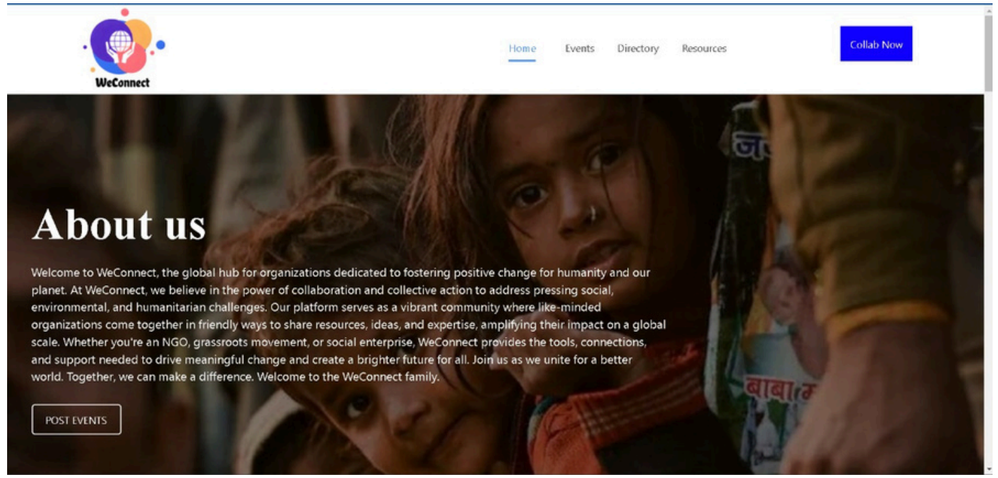
We connect Website



Donate Page



Resources



Collab

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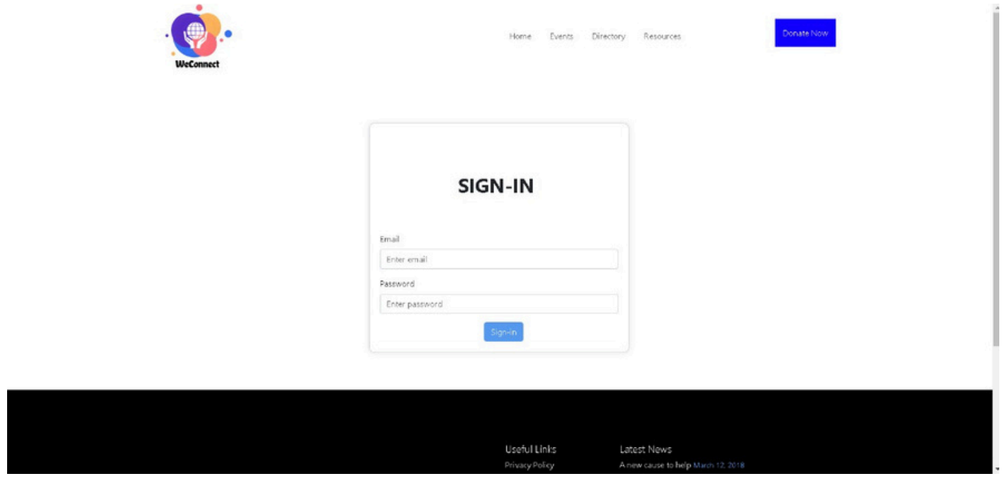
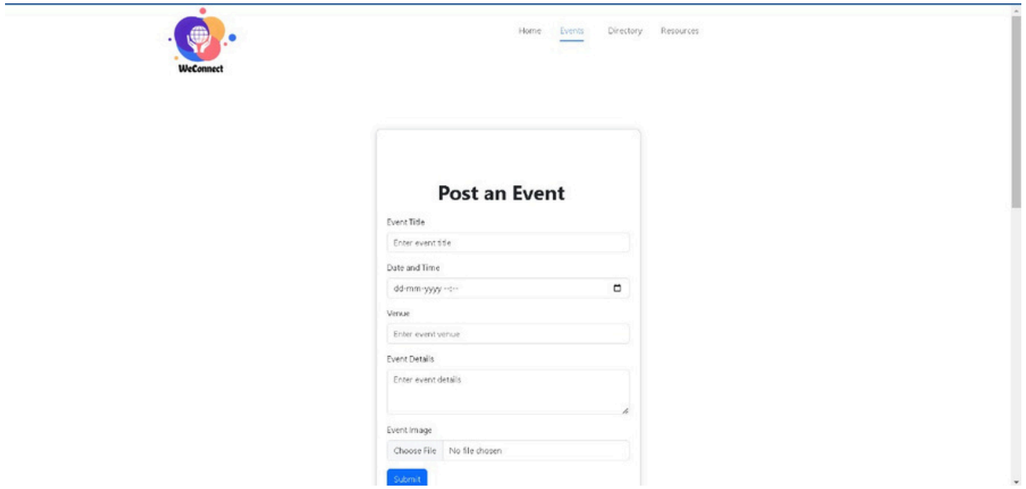
We connect Website



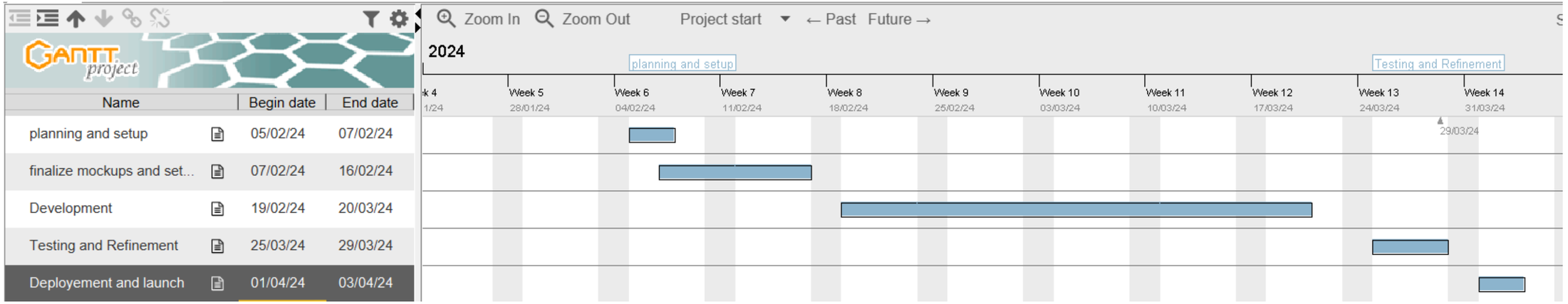
Sign in



Post Event

Validate user Application

Gantt Schedule



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