

Project 3 - Mark Lewis - Proposal

Name

Scout Group Compass

Description:

The purpose of this application is to help manage a scout group or similar organisation. Scout groups have a range of processes, from planning weekly programs to larger activities to building maintenance.

Currently, there are existing systems that assist in managing scout groups, but these are often fragmented or leave significant gaps as they are not specifically tailored to our needs. This situation often forces each group to create their own system, often spreadsheets for days, leading to inefficiencies and inconsistencies. This project aims to address this issue by providing a comprehensive solution for one scout group.

One significant point that I hope to address is the delegation of tasks within a volunteer organisation. Task allocation could benefit from having a shared to-do list that is allocated based on two primary weights: required skills and available time. So that people can help out when they have time and spread the load.

Often, tasks are left undelegated and remain the chore of the 'manager' because the top is too busy to find someone with the available time and required skills

User Story

AS A group leader of a scout group, I WANT A system that allows me to oversee and manage the tasks or running a scout group SO THAT I can ensure my group is moving forward instead of being tied to old fragmented systems

Acceptance Criteria

- When I open the website
 - Then i am presented with a website of the scout group
- When i click login
 - Then i am prompted to login or sign to the site.
- When i first log in.
 - Then i am presented with a dashboard of the information relating to my role within the group, a group notice board, a list of upcoming events and the tasks available for my skill set.
- When i view the member lists,
 - Then i see the members that i am responsible for. ie youth members or committee team members etc.

- When i add a task
 - Then it is added to the database, and appears on my dashboard. And the dashboard of the suitable people
- When i add an event,
 - then it is added to the database and displayed on my dashboard
- When i open an event
 - Then i can update the details and add attendees and request payment

Technologies

Node.js, Express, React, MongoDB, Mongoose ODM, GraphQL,

Semantic UI

Stripe Payments - time permitting

PWA - time permitting

GitHub link

<https://github.com/mlewis89/Compass-Organiser>

Database Diagrams

https://miro.com/app/board/uXjVKK_J9Pk=?share_link_id=313242789970

Mock Up

Landing page

Orangisation
Logo

About UsContact UsLogin

<Nav />

Public notice board

<NoticeBoard />

Public events

<EventsList />

User Dashboard

Organisation
Logo

DashboardTasksEventsMembersLogout

<Nav />

Public/Private notice board

<NoticeBoard />

Upcoming events

<EventList />

My Tasks

☐ Build website

<MyTasks />

Group Stats

Section Numbers

Attendance

Vibe check:

<MyStats />

Tasks

Orangisation
Logo
Dashboard
Tasks
Events
Members
Logout

<Nav />

My Tasks

☐ Build website

<MyTasks />

My Skills

☒ Web Development
☐ Professional tradesperson (Plumber/electrician)
☐ Handy with tools
☒ Cleaning/ Sorting
☐

<MySkills />

Available Tasks


- Wash tea towels after camp (cleaning/sorting)
- Add payment system to web (web development)

Accept

Accept

<AvailableTasks />

My Time availability



None
1-2 hrs a month
1-2 hrs a fortnight
1+ hrs a week

<TimeSlider />

Add Task

Events

Orangisation
Logo
Dashboard
Tasks
Events
Members
Logout

<Nav />

My Events

☐ Cub camp (4-6 June)

<MyEventList />

All Events

☐ Cub camp (4-6 June)
☐ Bunnings BBQ (24 june)
☐ Family day (12 november)

<EventList />

Cub camp
Date: 4 - 6 June
Description:
Location: Gembrook
Leader in charge: Fred S
Leaders Attending

Youth Attending:
Parents Attending:
Activity Plan:
Risk Assessment:
Status:
Cost:

<DetailedEventItem />