

# Retrospective Board

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Reset

Project title

Ocean IQ (SDG14 - Life Below Water)

Date

Week 18

Team

Add team member (e.g., Ademola)

Add

Aiyana Patel

✕

Josh Mensah

✕

Moustafa Osman

✕

Renat Sapon

✕

## What went well?

Yellow ▼

Add post-it

Effective use of tools such as Trello boards, GitHub in order to manage the project and keep track of version history

✕

Clear communication within the team during platform design and development as well as demo preparation

✕

Role based access was effectively established (user v admin dashboards)

✕

Hero section includes animated particles to reflect the ocean and enhance engagement

✕

Intentional UI design choices (gradient colour progression from light blue to darker tones) symbolises exploration from the ocean surface to deep sea

✕

Landing page is fully implemented and effectively communicates OceanIQ's vision and alignment with SDG14

✕

## What went poorly?

Pink ▼

Add post-it

Estimating the deadline for the sprint 1 was slightly unrealistic with the number of features that were chosen to implement

✕

Admin dashboard has layout only, no implemented feature sections as of yet

✕

Too much time was spent refining the UI in comparison to extending the functionality of the core homepage sections

Homepage's core feature sections (e.g. collaborative research hub, user dashboard) were not fully implemented

### What new ideas do we have?

Green ▾

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Plan for future email integration to replace mock reset code structure (has low priority / will be implemented when all core feature sections have been implemented)

Structure RESTful APIs with clear request and response formats (JSON), separate endpoints by categories (e.g. /api/regions, /api/users, /api/reports) and return appropriate HTTP status codes when necessary (200, 201, 400, 401, 404 etc)

Calculate and use metrics dynamically from stored data instead of using static placeholder data

Design a clear relational database schema before sprint 2 implementation commences, ensuring proper entity relationships

### What actions will we take?

Yellow ▾

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Prioritise fully implementing core features before working on UI and less important features

Set smaller more realistic sprint milestones to ensure tasks are completed in the allotted time frame

implement secure password hashing to ensure data remains secure, unreadable and useless to unauthorised users in the event of a data breach

Build API endpoints for map data retrieval & filtering, dashboard metrics, Impact report retrieval, content bookmarked by users and test endpoints using Postman before integrating it with the frontend