

# Earth Wells

## Final Presentation

Simran Brar



# UN SDG #6

Clean Water and Salination

# What's out there?



## Facebook Groups

There's many facebook groups mostly  
they share interesting articles



## Blogs

Spread out blogs, not much community  
activity



# Community Orientations



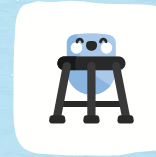
## Access to Expertise

Research articles, blogs



## Individual Effort

Blogs, not much  
communication between  
community



## Serving a Context

Charity Organizations

# Earth Wells Community Orientations



## Access to Expertise

A place where users can come to ask questions or offer help



## Community Cultivation

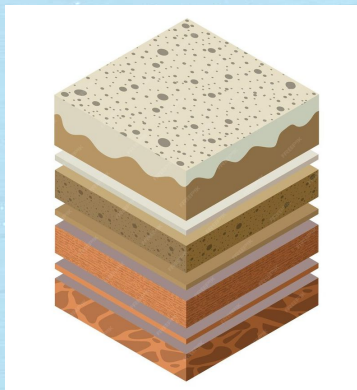
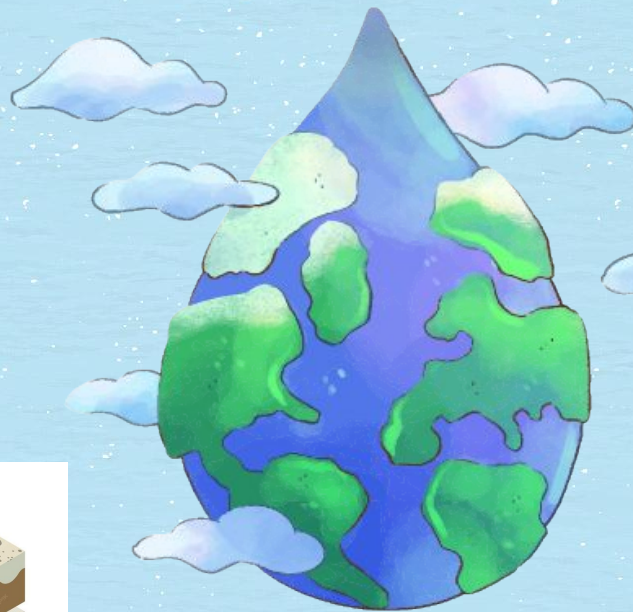
Different features with various commitment levels

# What's unique about Earth Wells?

A forum for natural water filters and materials exploration:

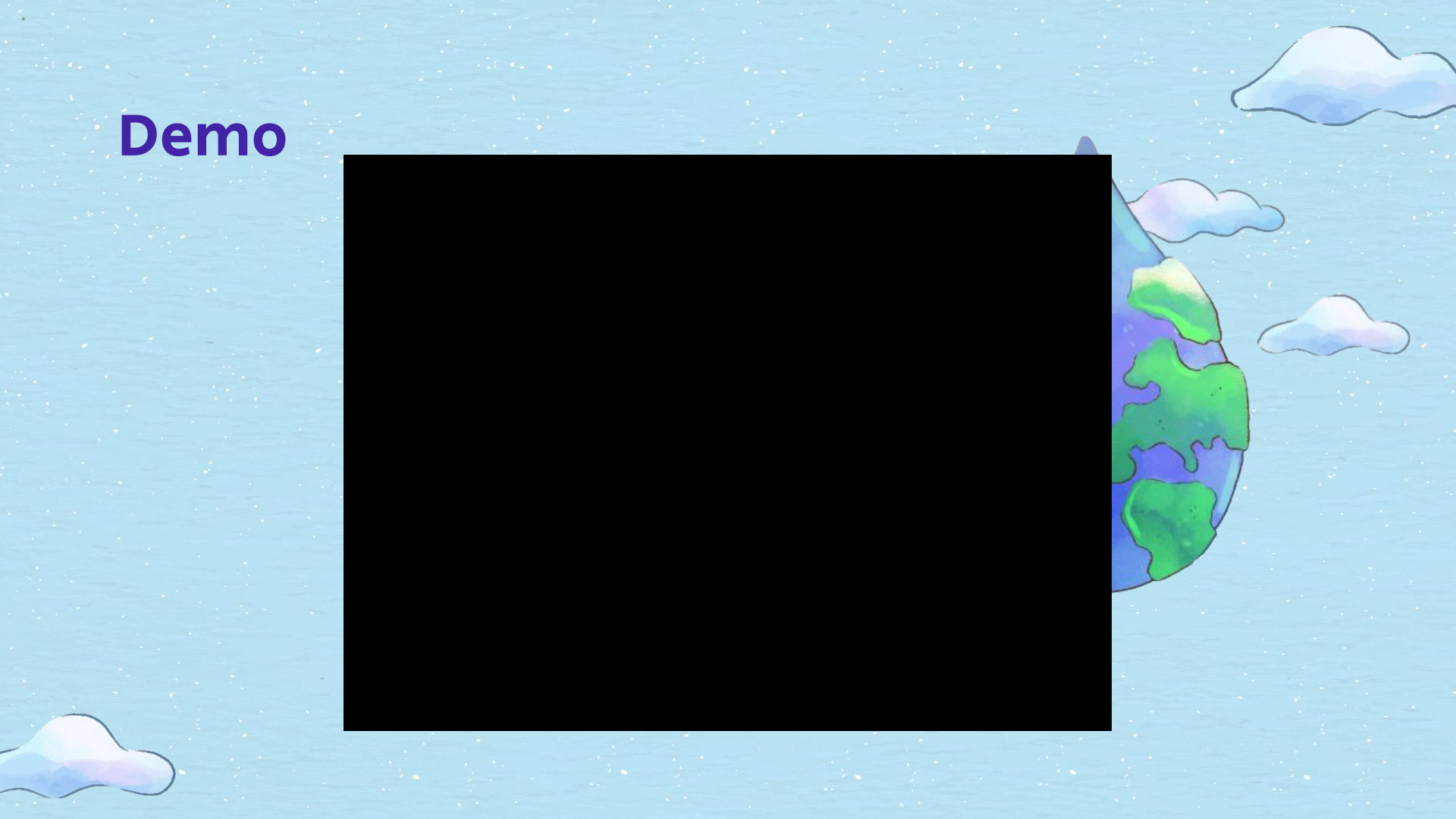
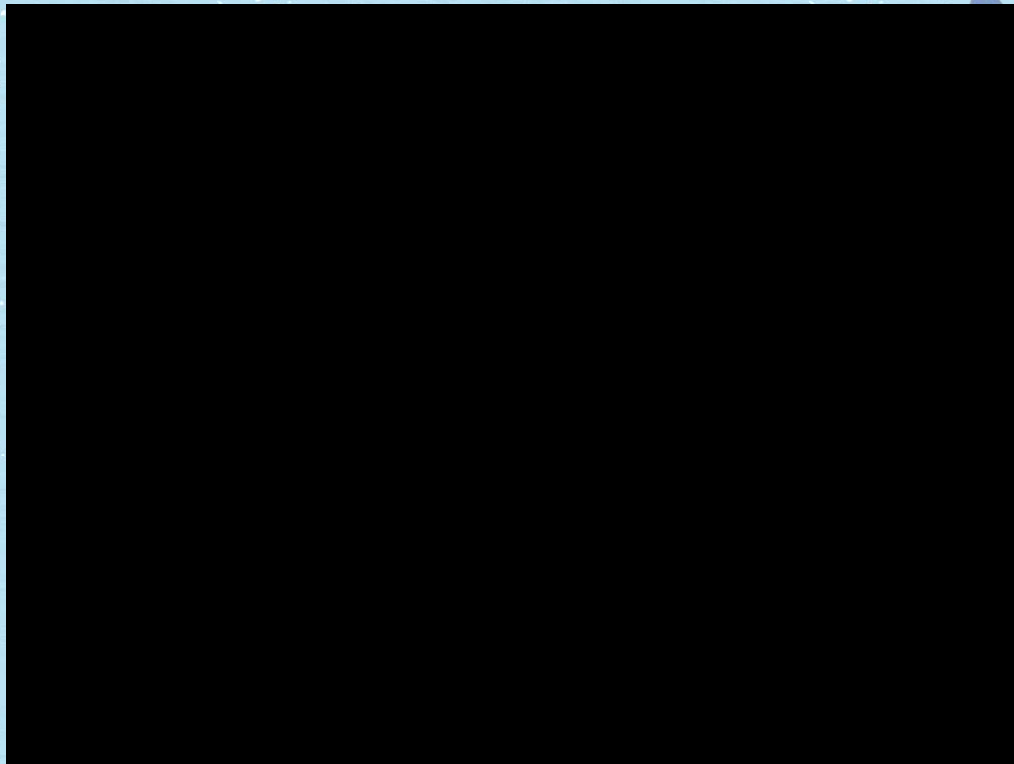
**Structure:** Discussions on filters, material deep dive.

**Material Deep Dive:** Details on filter materials, see what materials are available in your area





# Demo



# My Tech Stack

M - MongoDB - Mongo Atlas

E - Express.js

R - React

N - Node.js





# Concepts from Lecture



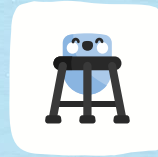
## Gamification

Colour coding, Likes & Dislikes



## Lurkers

Lowering threshold for users.



## Plan, Do, Study, Act

Iterative cycle adapting to SDGs and user needs.

# Reflections

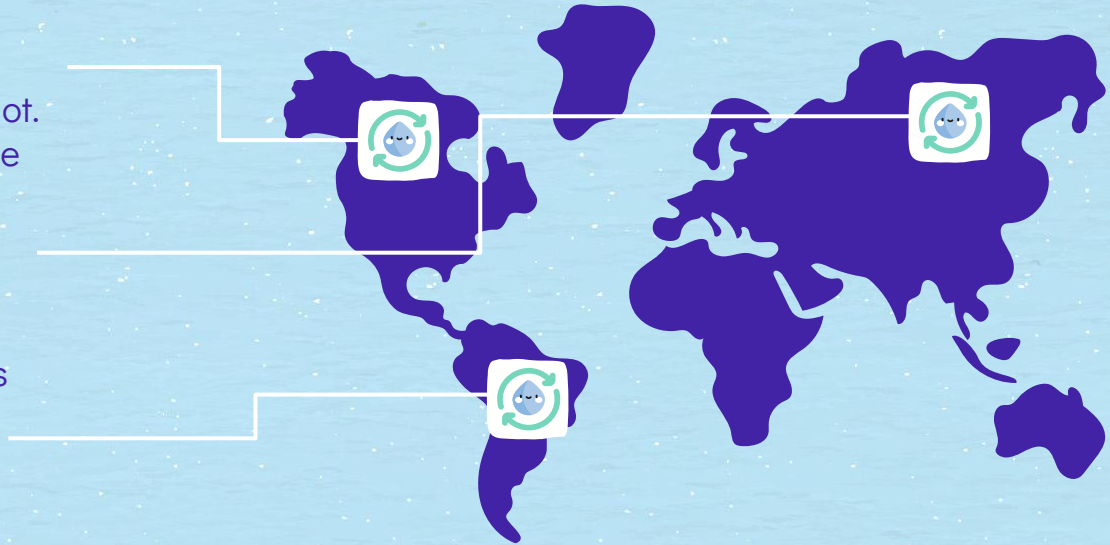
Overall **good experience**, learned a lot.  
Wish I had more time. Learned to be **adaptive**.

## Future Features:

Material Map

Adding files, images, videos to posts

Ability to friend other users.



# Thanks!

Questions?



ding



# Image Refs

[https://www.freepik.com/premium-vector/soil-layers-geological-underground-beneath-nature-landscape-isometric-slice\\_12159443.htm?query=isometric%20soil#from\\_view=detail\\_alsolike](https://www.freepik.com/premium-vector/soil-layers-geological-underground-beneath-nature-landscape-isometric-slice_12159443.htm?query=isometric%20soil#from_view=detail_alsolike)