

Plan for the hackathon

The goal: Build an app for water preservation. It can inform or provoke communication and encouragement.

Current ideas:

- Reddit style app where people can take pictures of the polluted areas, clean them and receive points. Other people can also tip them by encouraging the cleaning of the areas. This way app is actively calling people for action
- Informing app where people can find info about the water consumption in certain areas. Displays statistics related to water in the local area.

Final plan:

- Combine the two ideas and build an app based on communication and encouragement and display additional stats about certain areas.

What should the app have

- Display where people can see the feed which will load posts of people from nearby areas
- Display where you can create a new post and show how polluted the area is
 - Require user location
 - Requires image file associated with post
- Separate display with information about the water consumption of a specific area:
 - Amount of water usage in that area (bar chart)
 - Percentage of polluted water (pie chart)
 - Percentage of clean water
 - Percentage of neutral water?
 - Time range of the day that water uses the most (timeline)
- Comment section
- Tips section
- Rankings (for example how many reservoirs you cleaned, how big your contribution was)
 - Accounts
 - Google or phone number

Start to design in Figma:

<https://www.figma.com/files/team/1169802168980047687/Solar-Hackathon?fuid=1082092616652251847>

Figma invite link:

https://www.figma.com/team_invite/redeem/b00rVHAVPBQ53yd2THZekw

Github repository

https://github.com/siranov/h2o_hack