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# Open Social Spaces

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Challenge members:

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## “Rüteliwiese, Horw”

- **Executive Summary**

- **Why ?**

- Involve locals to shape their open spaces.

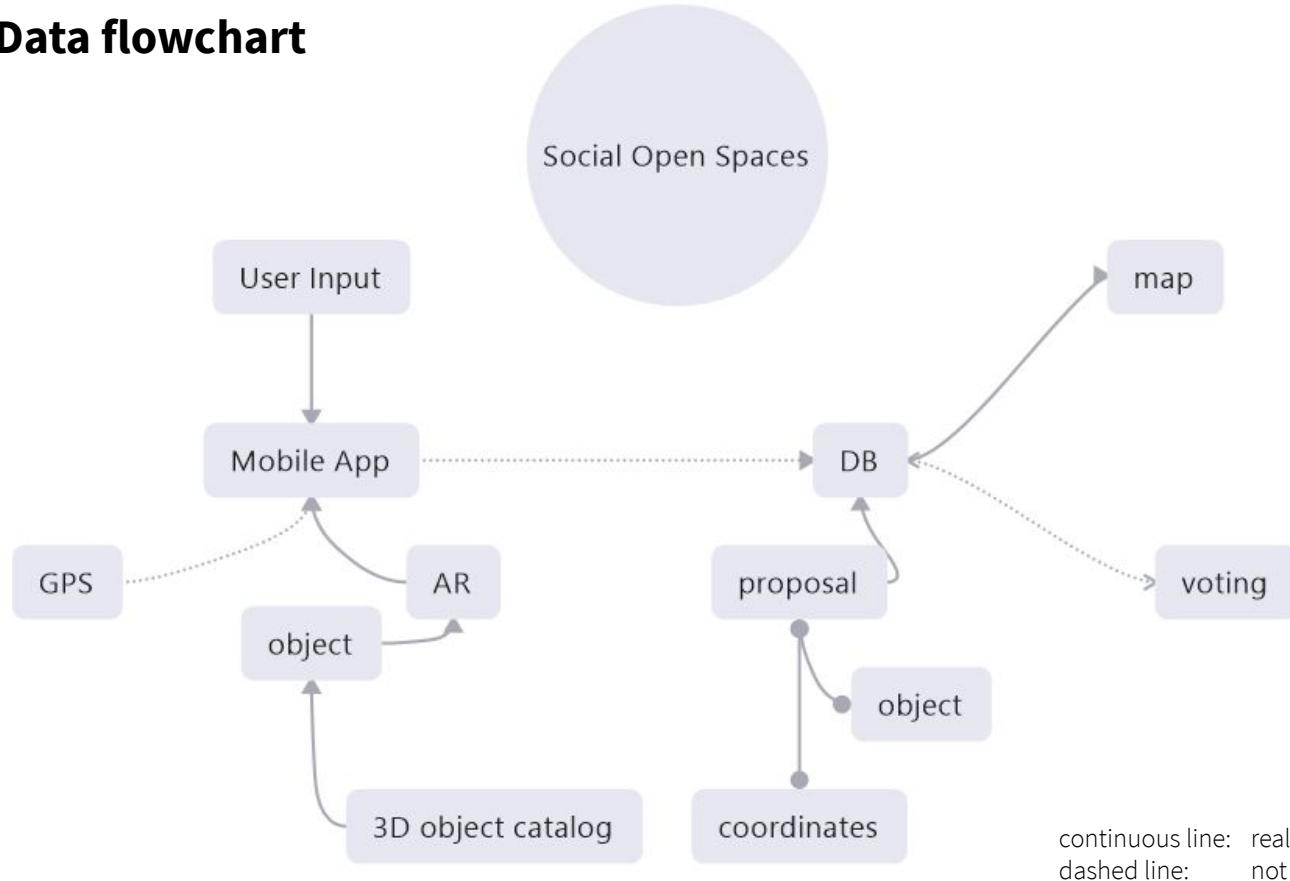
- **How?**

- Through the use of a web AR Application, locals can shape their ideas.

- **What?**

- Users can place objects directly in the Rüteliwiese and watch and vote for creations by others.

# Data flowchart



continuous line: realized  
dashed line: not yet realized

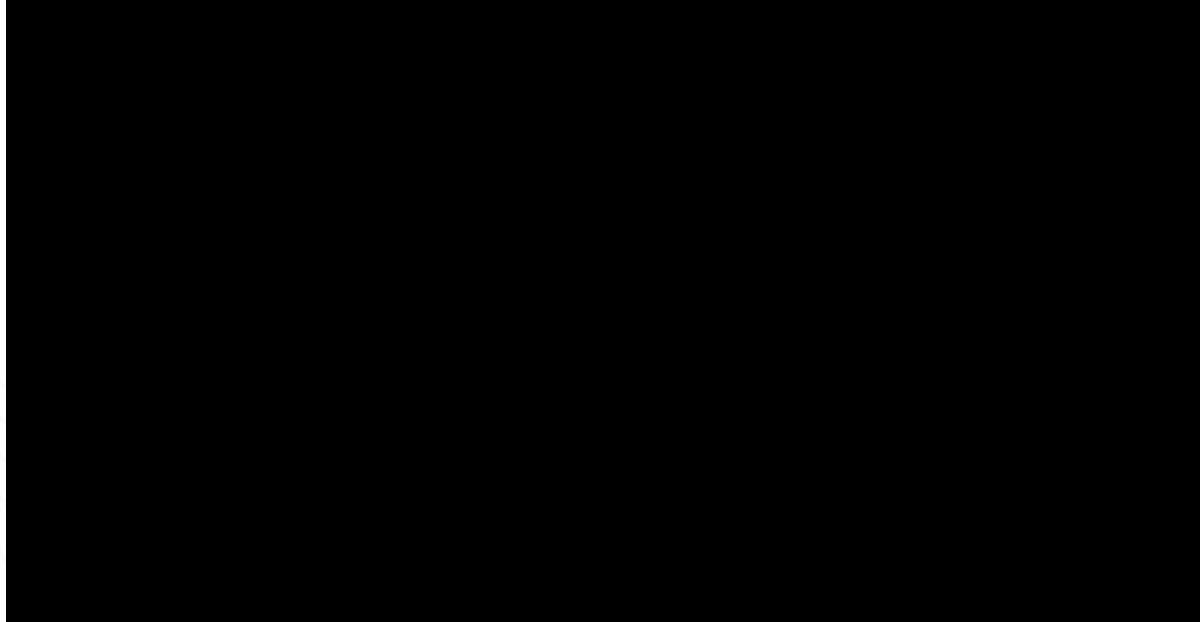
## Our Journey

- **Process and methods:**
  - **What did we create?**
    - Input: Users can express their ideas in a AR web application (temporary accessible via <https://star.cyon.site>).
    - Output: The creations can be accessed via a database and then visualized on a map.
  - **What were the obstacles?**
    - AR possible only on recent mobile devices
    - interaction between Node-Red, Python and AR

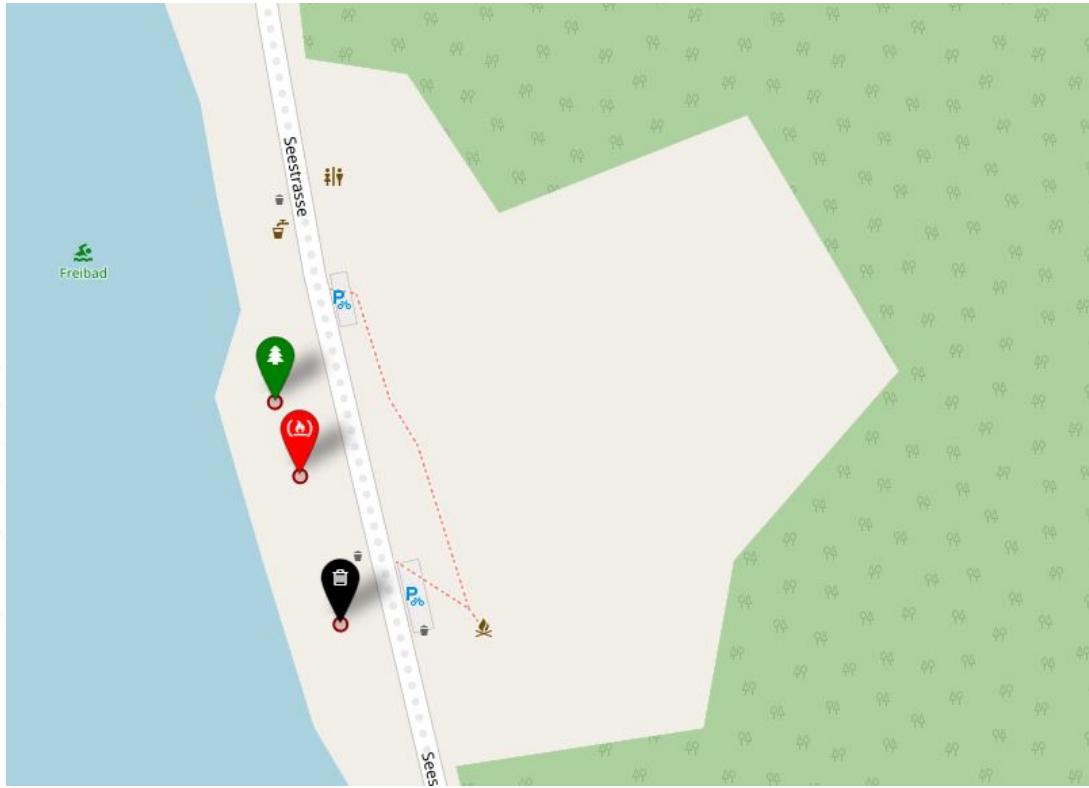


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## **Input (AR-Live-Demo)**



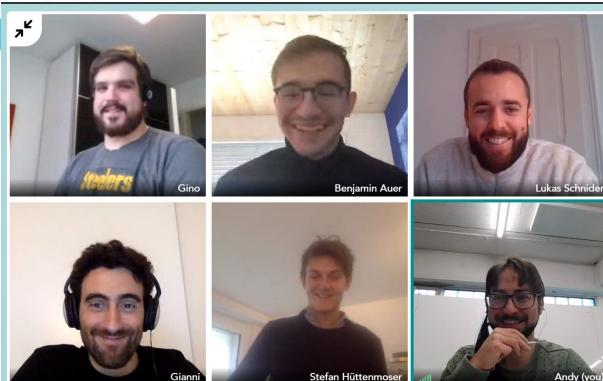
# Output (Map-Demo)



# Outlook

- **What's next?**

- Save the creations automatically in the database.
- Vote for other ideas in the AR web application
  - Motivation for the locals to participate through incentive
- Dashboard for analysis of the data
- Improving the Python -Code with add function
- Increasing the object catalogue with more assets



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Opendata Link: <https://hack.opendata.ch/project/605>