

List of Requirements

Hub requirements

- The hub consists of a display cabinet
 - Glass
 - The cabinet should be waterproof
 - The cabinet opening/unlock should not be visible
- The hub includes a minimum of one bench/seat
- The hub has a roof
- The hub survives all extreme weather conditions
 - The hub should withstand 5mL of rain a day
 - The hub should UV-resistant
 - The hub should resist in -15 - 40°C
- The hub should be safe to touch
 - No sharp edges
- The content of the display cabinet should be able to change
- There should be interaction with parts in the cabinet
- An artifact related to the story fits in the hub.
 - Max dimensions of the artifact should be 1500 x 1500 x 1000 mm
- The size of the hub can adapt to the available space of the location it is placed
- The hub should not be movable by users
 - Parts of the hub are pinned to the ground or connected to the hub itself

Hub wishes

- The looks of the hub can be adapted to a certain city
- The hub is energy neutral
 - Sun panels
- The hub includes plants

Hub-App interaction

The app should be able to make things change in the display cabinet when the user is nearby

App requirements

- The app should be usable on both android and iPhone
- The app should be self explanatory
- The app should be easily understood by everyone owning a smartphone
- The user should be able to have an account in the app
- The user should be able to purchase a tour in the app
- The app should include all the information about the tours
- The app should include locations of all the hubs
- The app should be able to use the location of the user (if they accept it) and navigate them to a nearby hub
- The app should store the user information safely
- The app should be able to scan AR stickers and show the animation

Story requirements

- The story should be interesting for both children (6 till 12) and adults
- The story should be available in at least three different languages: Dutch, English and German
- The story should give information about a specific topic relevant to the city