



Munich Museum Accessibility

by NATALIE O'DELL and LUCIA GANCHOZO LLANO

Munich is one of the biggest cities in Germany and residents can benefit from access to public spaces such as museums where they can experience art and educational exhibitions in a community space. However, for disabled people visiting museums can sometimes pose a challenge. This project aims to improve accessibility in museums in Munich by highlighting the 2 most accessible and 2 least accessible museums for disabled people. Although there are many different types of disabilities, both visible and invisible this project focuses on the blind and visually impaired as well as the mobility restricted.

DEVELOPMENT

The website was written in HTML, and is hosted via GitHub. Web development was done using Visual Studio Code. The site includes an integrated web map designed in Mapbox Studio, as well as floor plans from the museums made in the BIM software, Vectorworks and the icons, alongside details of the resulting plans, were made in Adobe Illustrator.



DATA

To collect general data and information regarding museum accessibility we utilized the museum's websites, [1] [2] [3] [4] the Culture Barrier-free Munich site (Kultur-Barrierefrei München), [5] and we visited the museums to check for specific architectural features.

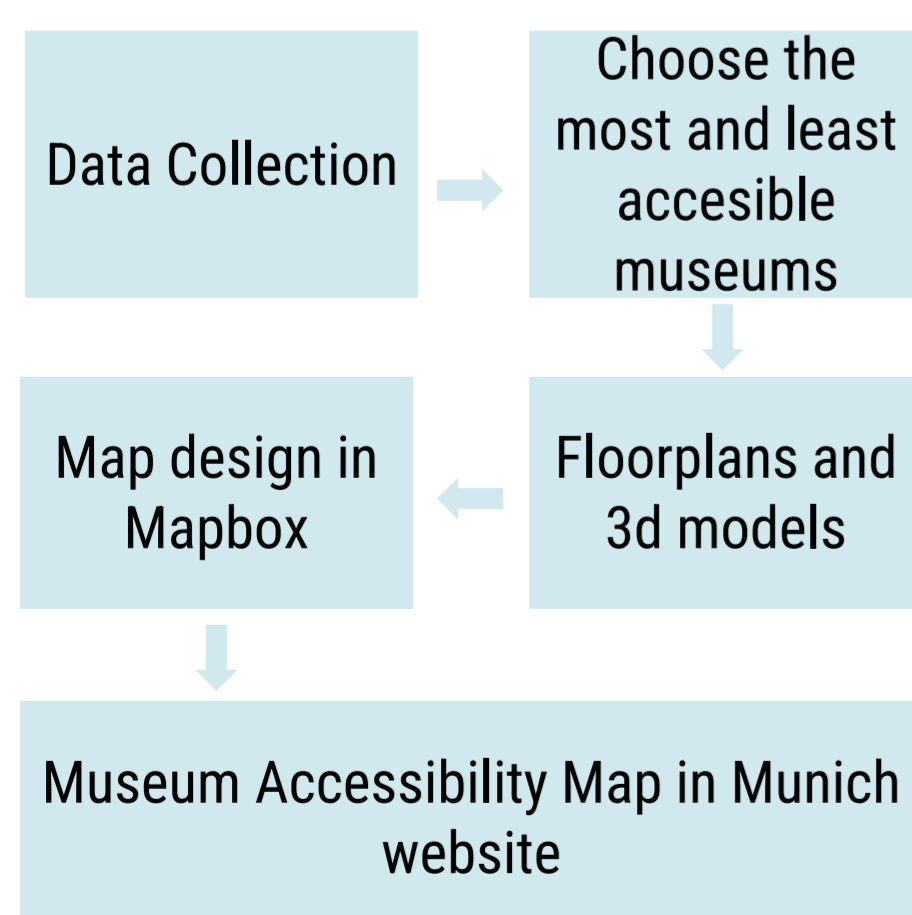


Fig.1 Workflow

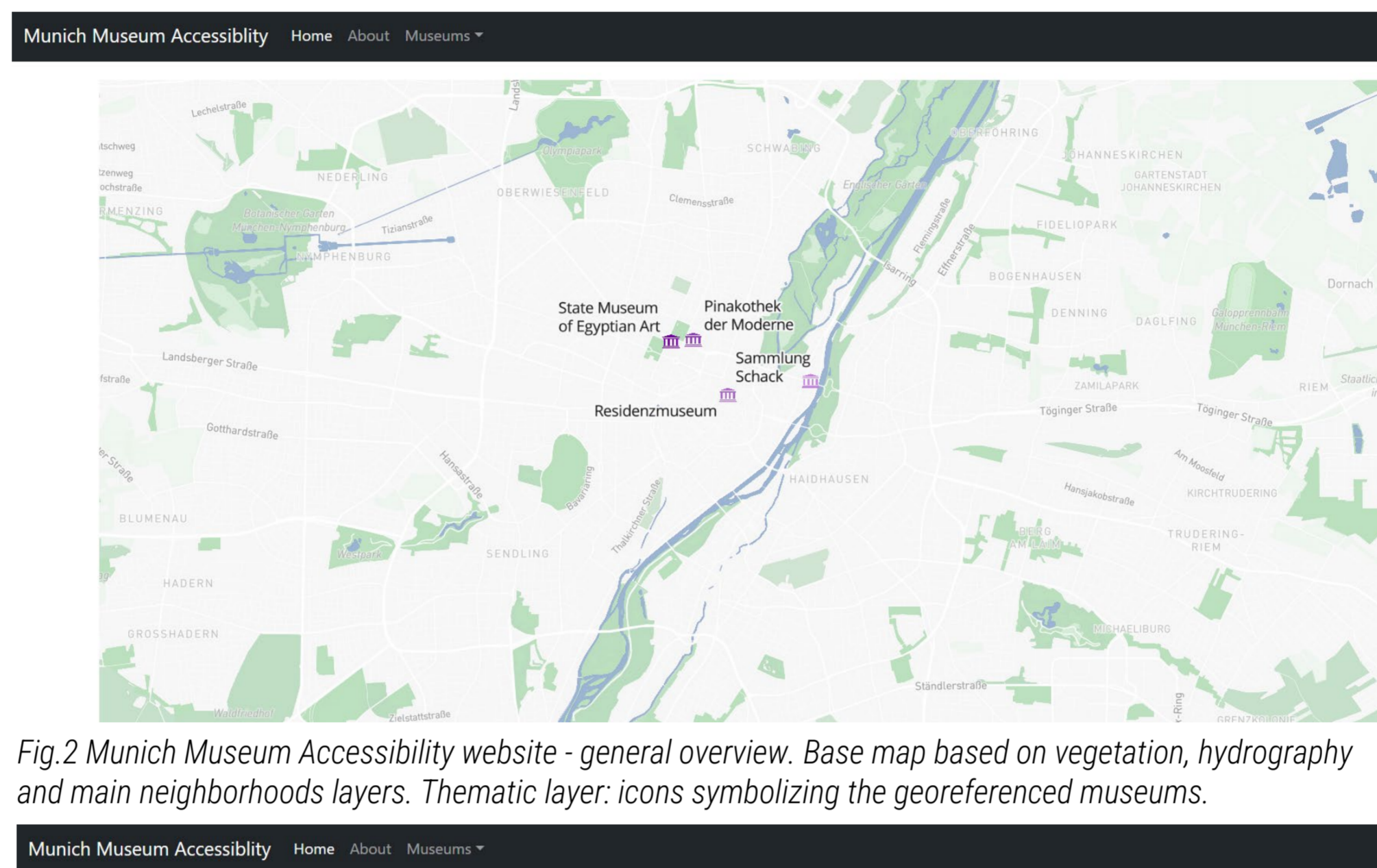


Fig.2 Munich Museum Accessibility website - general overview. Base map based on vegetation, hydrography and main neighborhoods layers. Thematic layer: icons symbolizing the georeferenced museums.

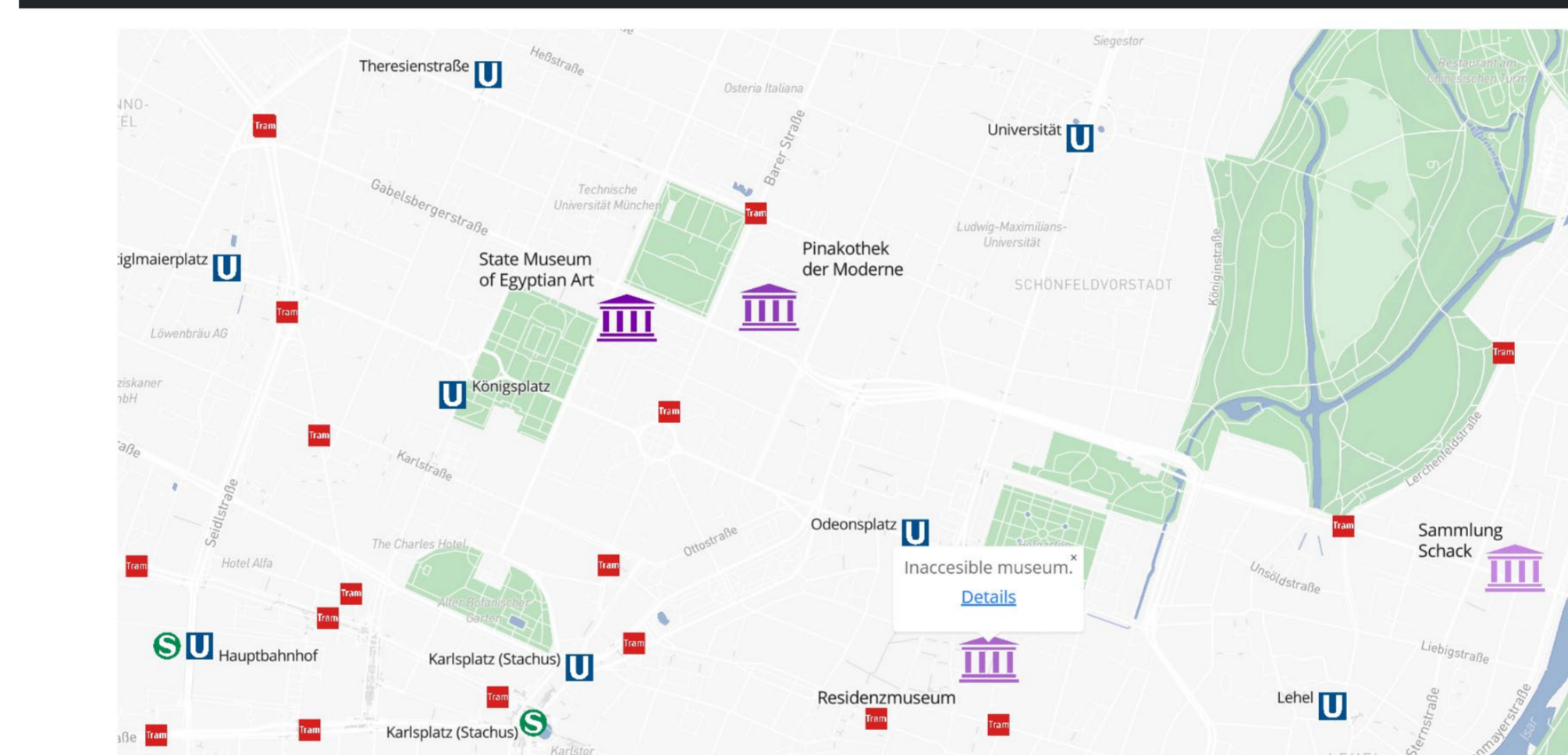


Fig.3 Munich Museum Accessibility website – closer zoom. Base map: vegetation, hydrography and main neighborhoods layers. Thematic layer: icons symbolizing the georeferenced museums and transportation systems. Icons are symbolized with a gradient since they represent a data range from accessible to inaccessible.

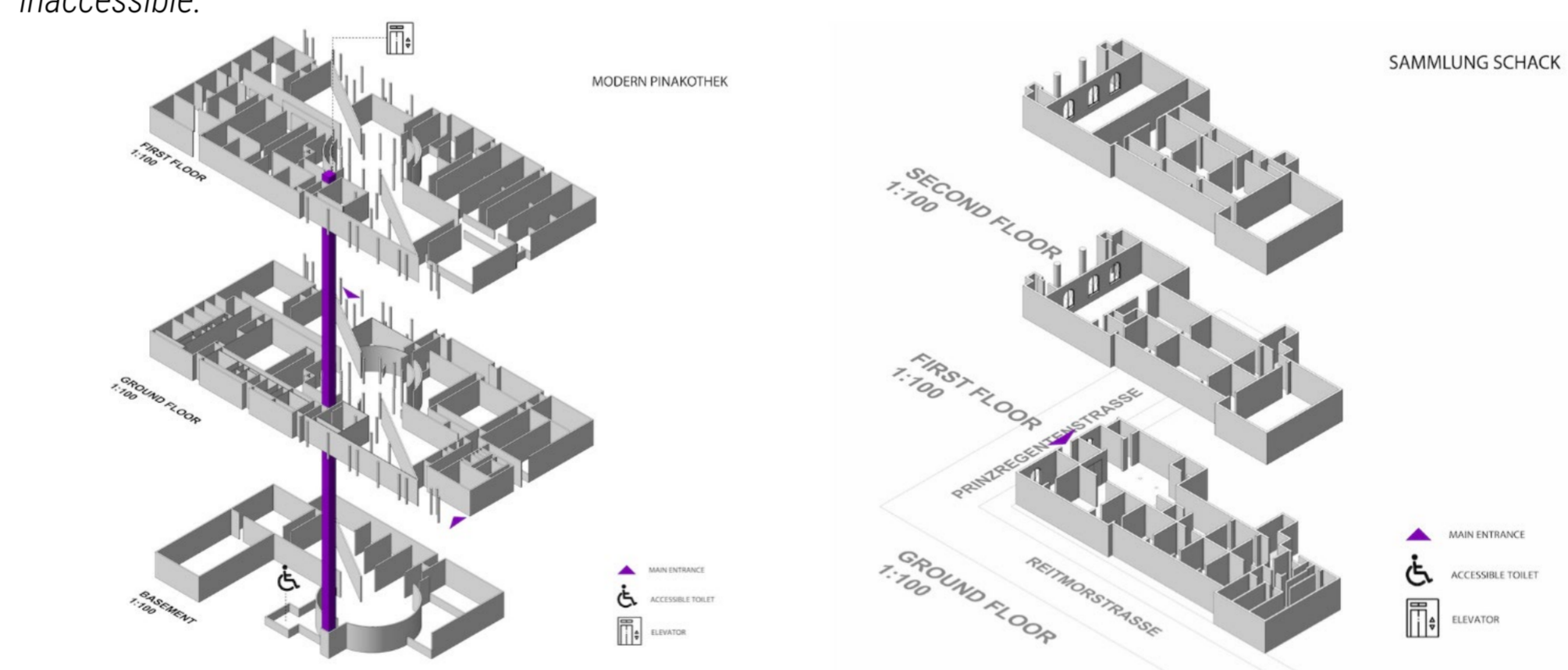


Fig. 4 3D model of Modern Pinakothek with icons symbolizing accessibility services and spaces inside the building.

Fig. 6 3D model of Sammlung Schack, the least accessible Museum. No accessible spaces and services are displayed inside the building.



Fig. 5 Floor plan of the Modern Pinakothek with icons symbolizing accessibility services and spaces.

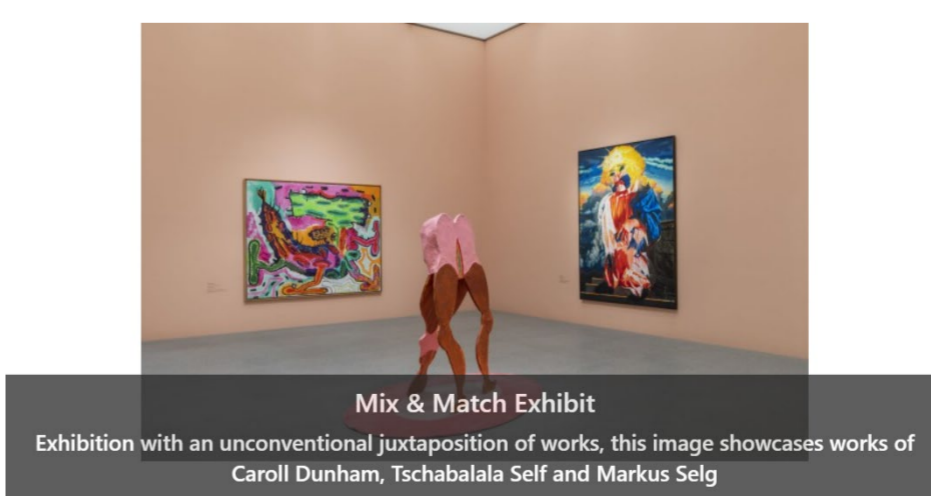


Fig. 7 Image of one of the main exhibitions at Modern Pinakothek.

IMPRINT

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Natalie O'Dell

Lucia Ganchozo Llano

SUPERVISOR

Juliane Cron, M.Sc.
Chair of Cartography and Visual Analytics

KEYWORDS

Munich, museums, accessibility, art, architecture, web map, HTML, GitHub.

LINK

<https://nodell111.github.io/museums-munich-access/index.html>

REFERENCES

- [1] <https://www.pinakothek-der-moderne.de/>
- [2] <https://smaek.de/>
- [3] <https://www.pinakothek.de/sammlung-schack>
- [4] <https://www.residenz-muenchen.de/>
- [5] <https://www.kultur-barrierefrei-muenchen.de/>

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