

Choose Your Own Map

Wayfinding & Universal Design

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Wayfinding & Universal Design



Wayfinding

It uses landmarks, signage, pathways, and environmental cues to help first time visitors navigate a space without confusion.

Universal Design

It is the design of products and environments to be usable by all people, to the greatest extent possible, without the need for adaptation or specialized design.



Audience

- Children with physical disabilities and their family
- International visitors
- Visitors with hearing loss
- Visitor with low or no vision
- Visitors that use wheelchairs or canes

Project Mind Mapping

Choose your own adventure

Storytelling

Children

AR system game

Play interaction

Treasure map

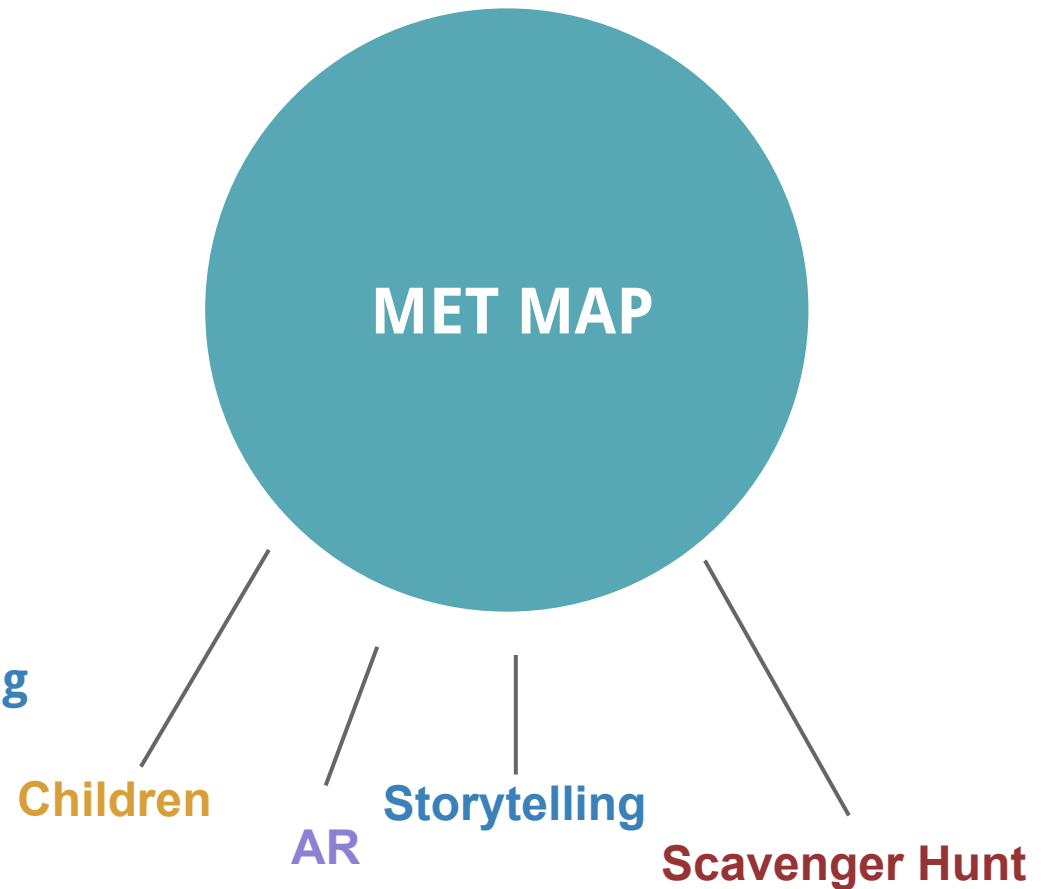
Collection

BLE Push notification wayfinding

Collection

Space Coordinate system

Collection



Precedents



Precedents

Wayfinding Without Technology



Constraint makes wayfinding easier

Ex1) Moma - it has constraint

Ex2) Entrance of Campus - similar physical environment provides wayfinding.

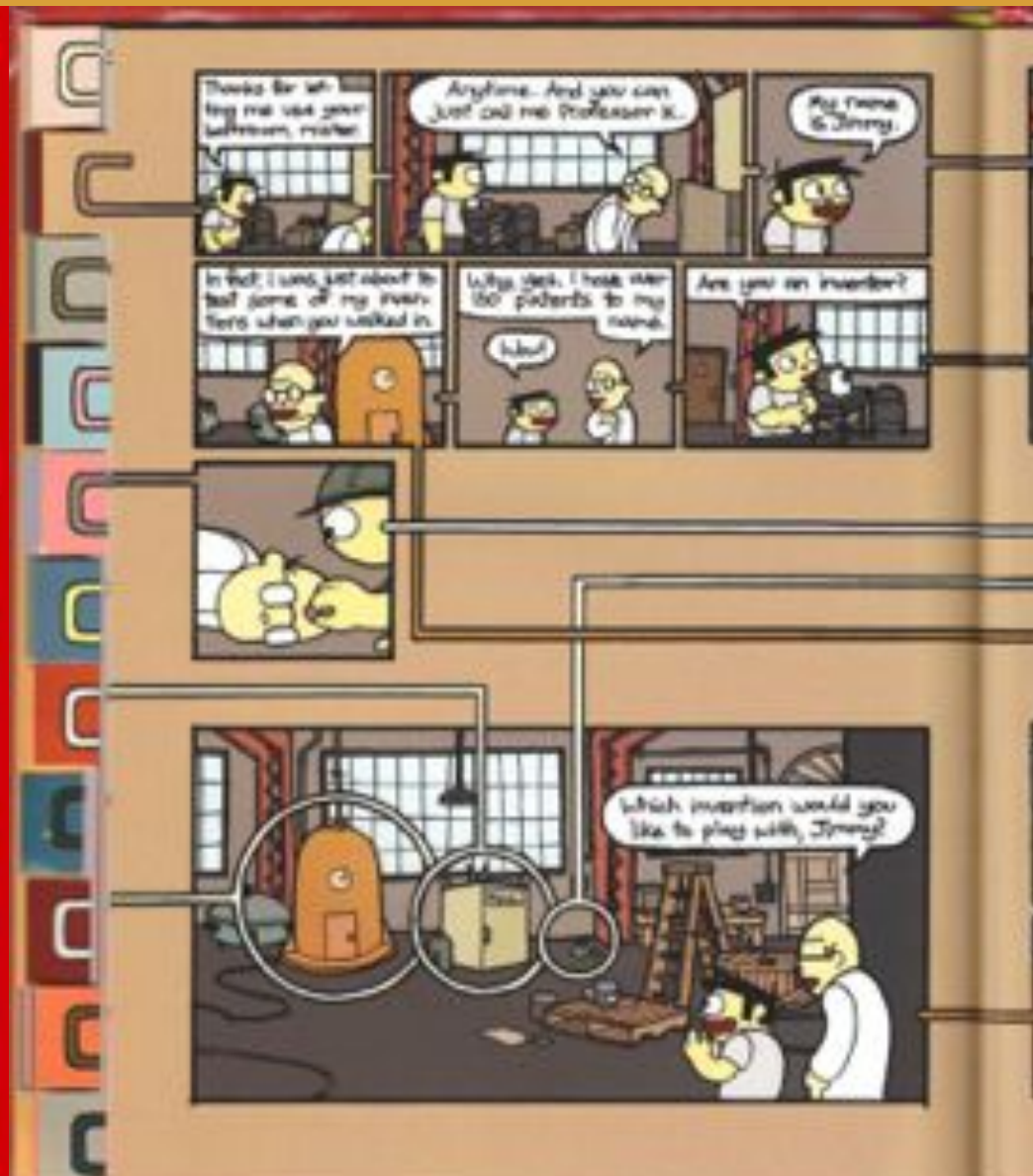
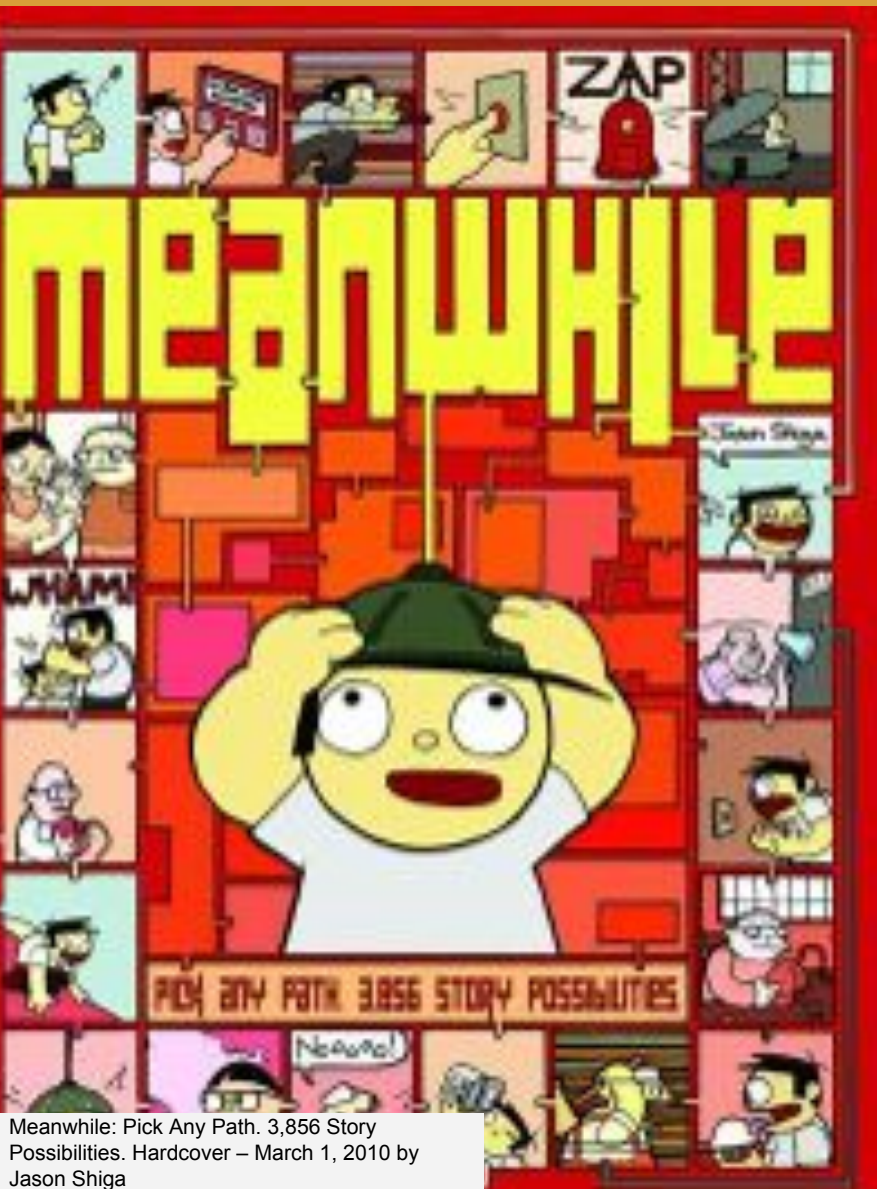
Limited control and little clue leads user to show direction.



Way Marking



Choose Your Own Adventure



Project Goals

- To create a universal design map for the museum
- To make visiting the museum easier and more enjoyable
- Accessibility for all types visitors

Project Pitch

MET map for kids



Kids' favourite things to see in the museum

1. Your Choice
2. An Egyptian Temple
3. Knights in Shining Armor
4. Musical Fantasy
5. Peaceful Garden Court
6. Elephant God
7. A French Family at Home
8. Take Five
9. Mysterious Mask
10. Music in Motion

Project Pitch

- **Augmented Reality**
 - ROUTE 66 Maps + Navigation for Android



Project Pitch

- **Google indoor maps system**
 - Take Google Maps Indoors



Project Pitch

○ Google Maps Floor Plans

Add your floor plans to Google Maps

Help people find their way around public spaces. Here's how:



Add them yourself

1. Find the building on the map.
2. Upload pictures of your floor plans or directories of a floor.
3. Line up your floor plan with satellite images in Google Maps.
4. Submit! This will help us improve Google Maps.

Once processed, anyone will be able to see your floor plans in Google Maps.

[Add a floor plan now](#)

Project Pitch

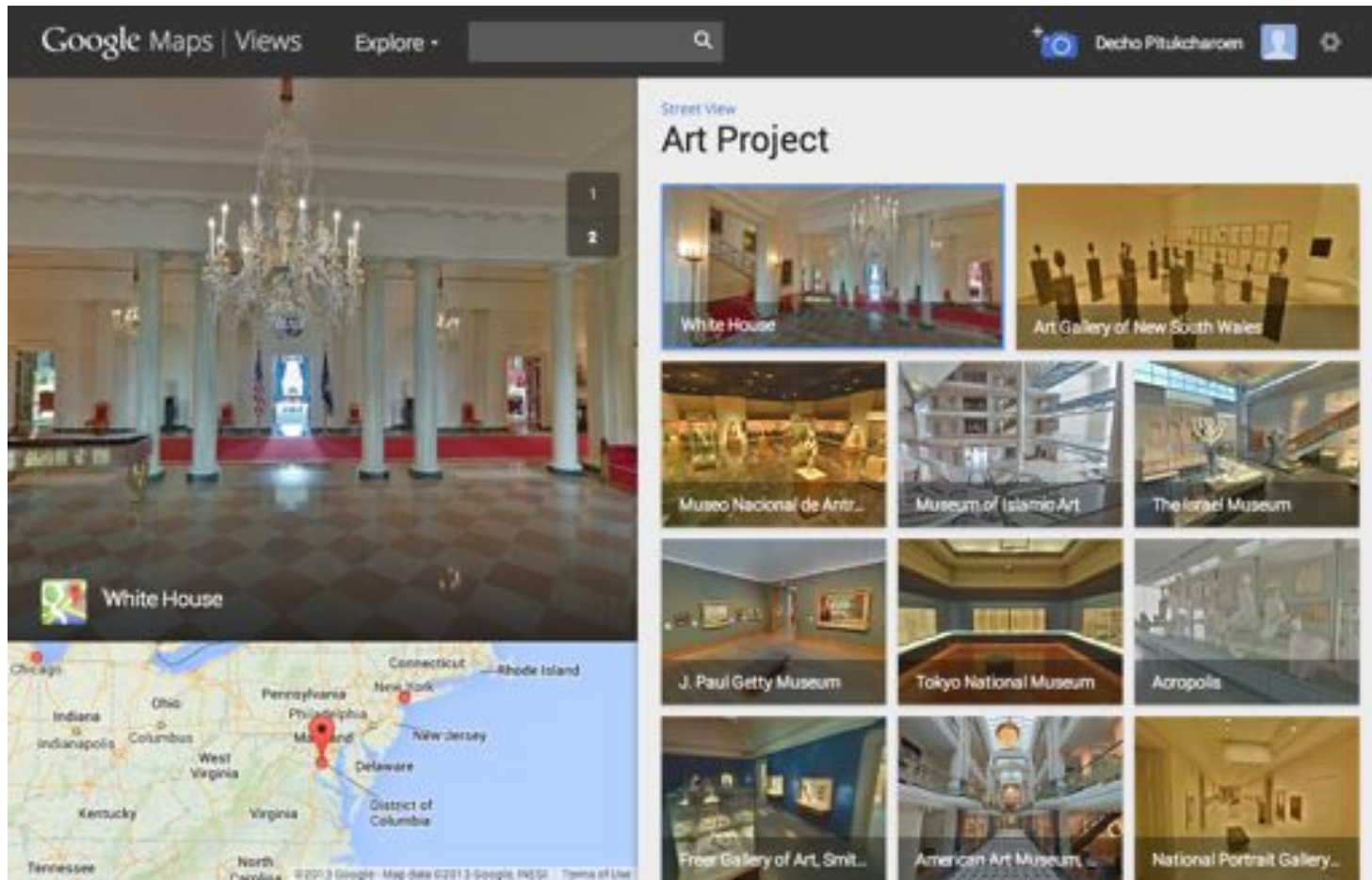
- Google Cultural Institute



- <http://www.google.com/culturalinstitute/project/art-project>

Project Pitch

- Google street view art



- <http://www.google.com/culturalinstitute/project/art-project>

Project Pitch



Problem: User get tired looking around the museum and miss other on art works that they want to see

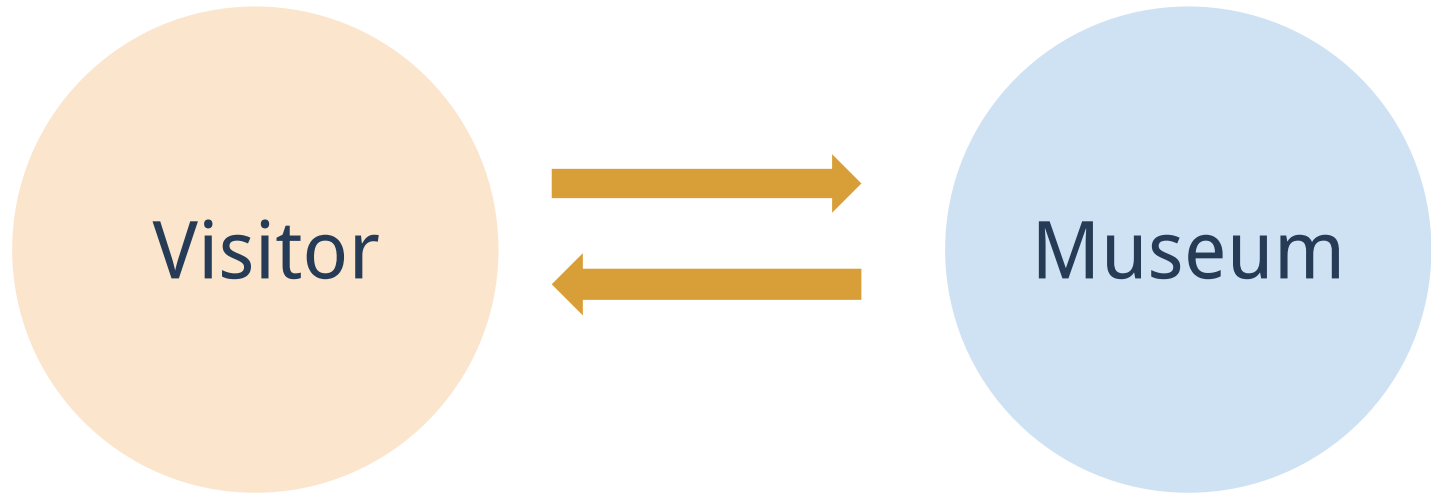
Personal curator

Concept: Not only helps wayfinding but also it will suggest new ways to plan your visit and tell stories about art works

Goal: Make user's visits easier and more enjoyable



Benefit



User can pick which they want to see, and it will show best easy and quick path of plan.

: Museum can suggest different plans for different user and at the same time, they can deliver user new information.

Suggestion



Make plans depending on their interests to help learning specific part of art and make good memories in the museum.

Ex: Mythology, Bible story, History and Art history.



Offer some specific artwork list based on landmarks in the museum which people should see and want to see such very famous pieces for planning their path.

Project Pitch

- **Map planner**

Ideas

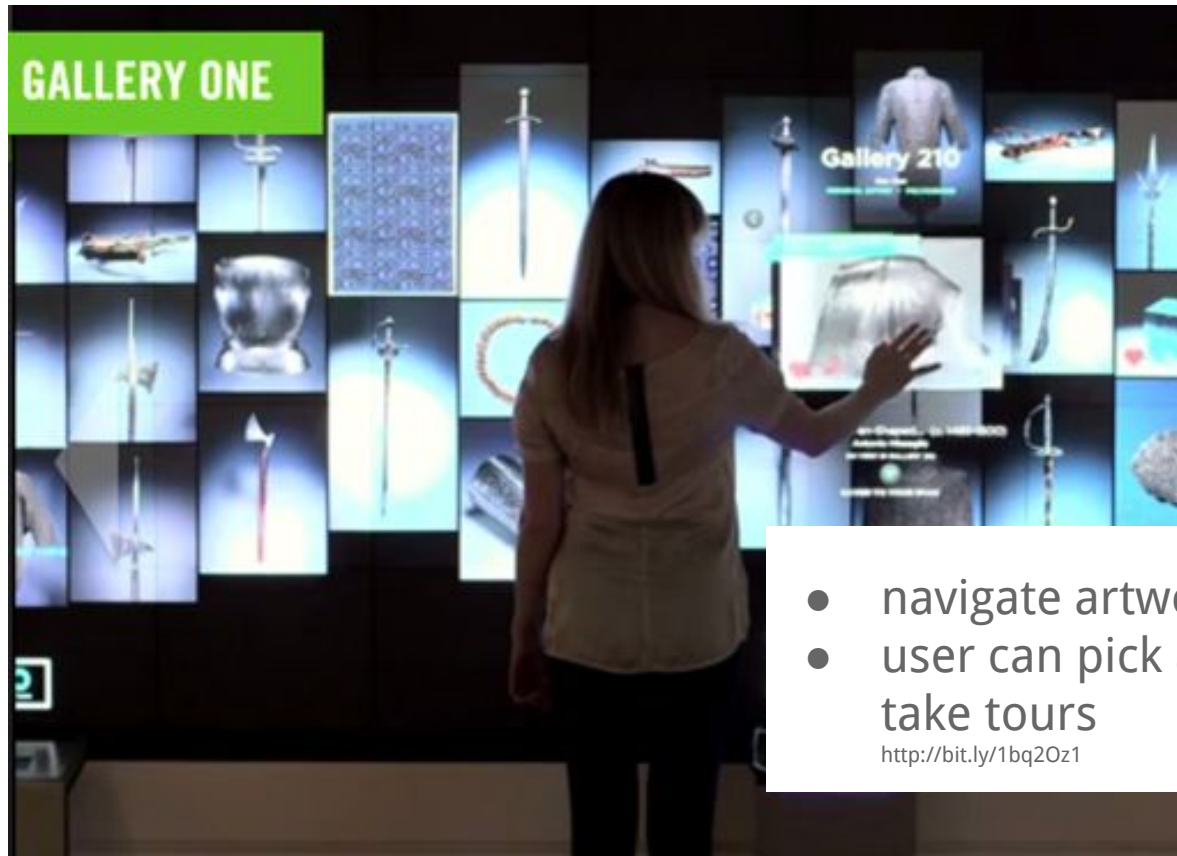
“People can create their own map based on their interests. Choose their own path and color code the map to help find what they want to see easier.

They can also take notes on their own map about specific plan and can download or print the map before visiting.”

Make this to display shortcuts of specific artworks they want to see that is scattered throughout the museum.

Precedents

- **Map planner**
 - Local Projects



Project Pitch

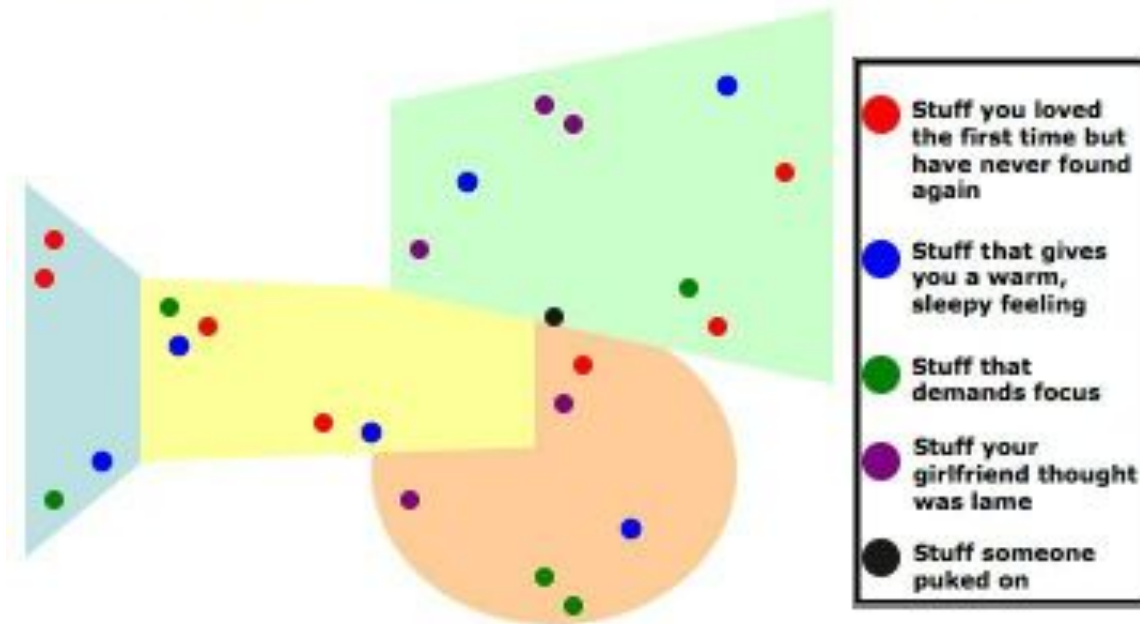
- **Bluetooth Push Notification System**



Project Pitch

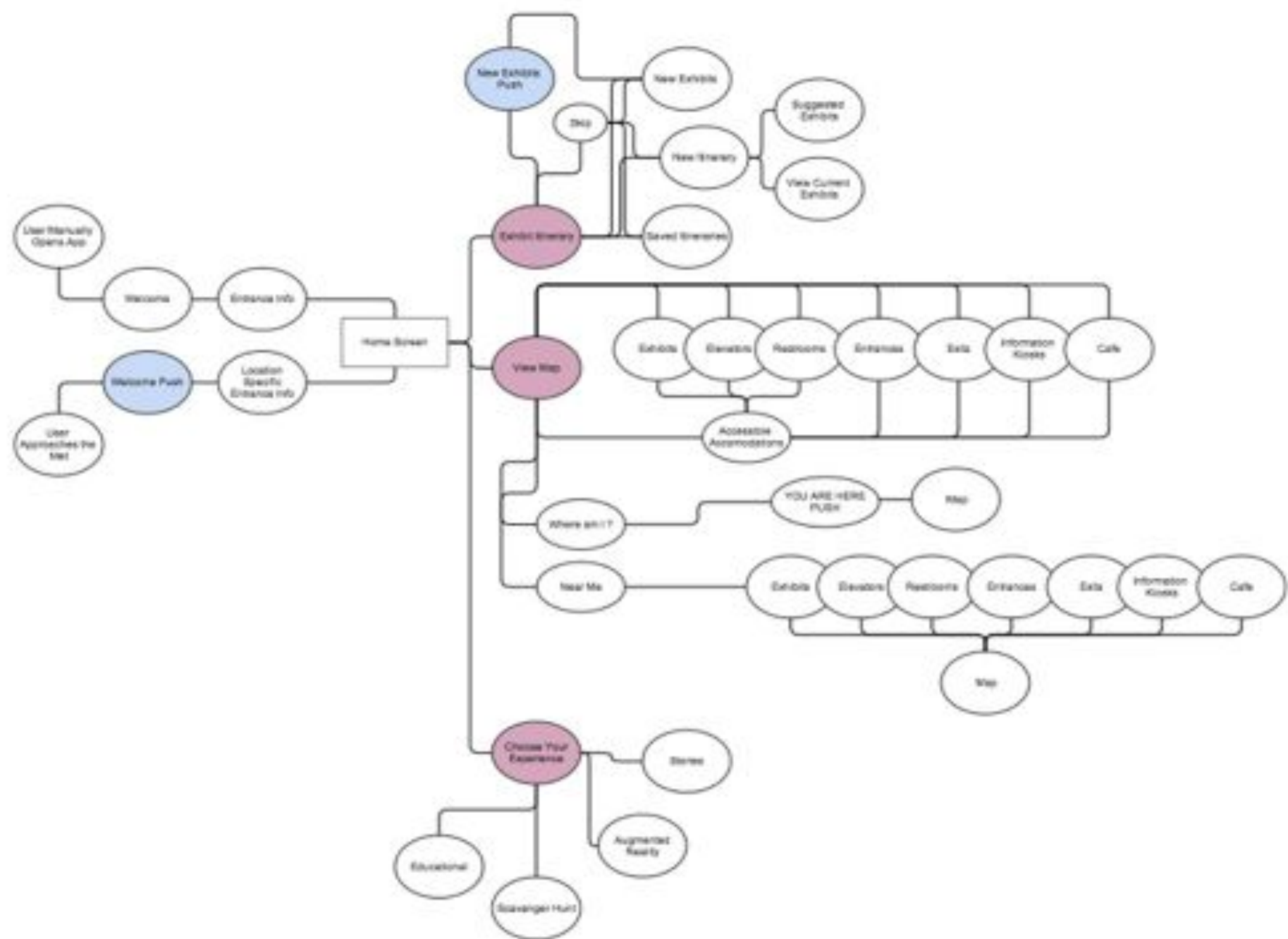
- **Bluetooth Push Notification System**
 - Mapping Your Head

THE MUSEUM MAP IN YOUR HEAD



Project Pitch

- **Bluetooth Push Notification System**
 - User Flow



Project Pitch

- **Bluetooth Push Notification System**
 - Mockup Application



Project Pitch

- **Choose Your Own Map**

- Create customizable maps
- Design a “plan your visit” that explores new mapping system
- Select what and how you want to explore the museum
 - an elevator, new exhibits, cafe etc
- The system will map out the best possible route

Project Pitch

Google



+Veronica



Share



Get directions

My places



A Parsons The New School for Design, 7th Ave

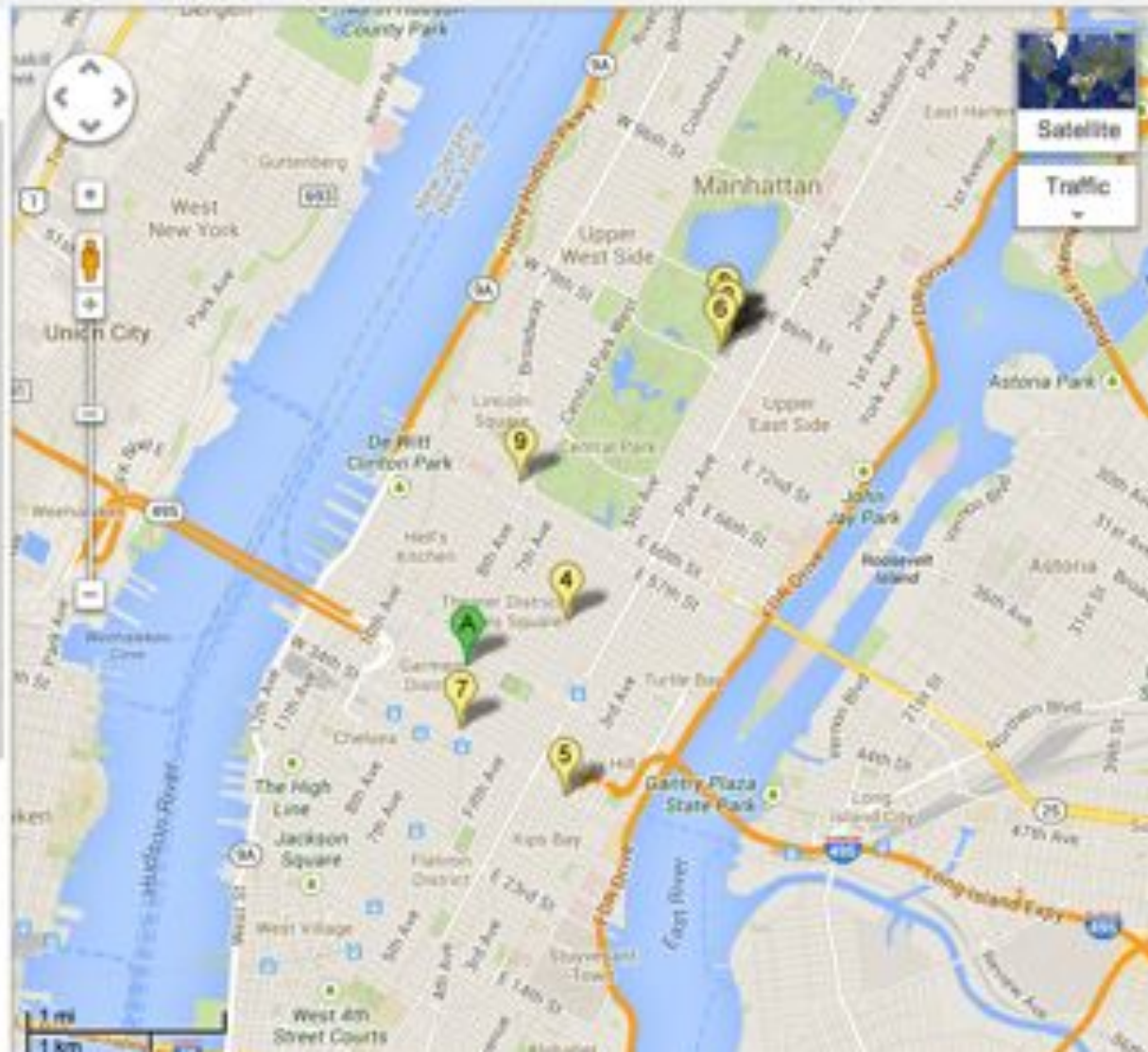
B Metropolitan Museum, 5th Avenue, New York, NY

Add Destination - Show options

GET DIRECTIONS

Did you mean:

- 1 The Metropolitan Museum of Art 2.1 mi
+ more info +
1000 5th Ave, New York, NY 10028
- 2 Metropolitan Museum of Art Store 2.1 mi
+ more info +
1000 5th Ave, New York, NY 10028
- 3 Metropolitan Museum-Booking 2.2 mi
1000 5th Ave, New York, NY 10028
- 4 Metropolitan Museum of Art Store 0.6 mi
+ more info +
15 W 49th St, New York, NY 10020
- 5 Metropolitan Museum Apartment 0.8 mi
3rd Ave, New York, NY 10018
Placement on map is approximate
- 6 Nolan Library 2.1 mi
New York, NY



Project Pitch

- **Choose Your Own Map**
 - Touch Screen Kiosk



Thank You!

Museum Accessibility

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