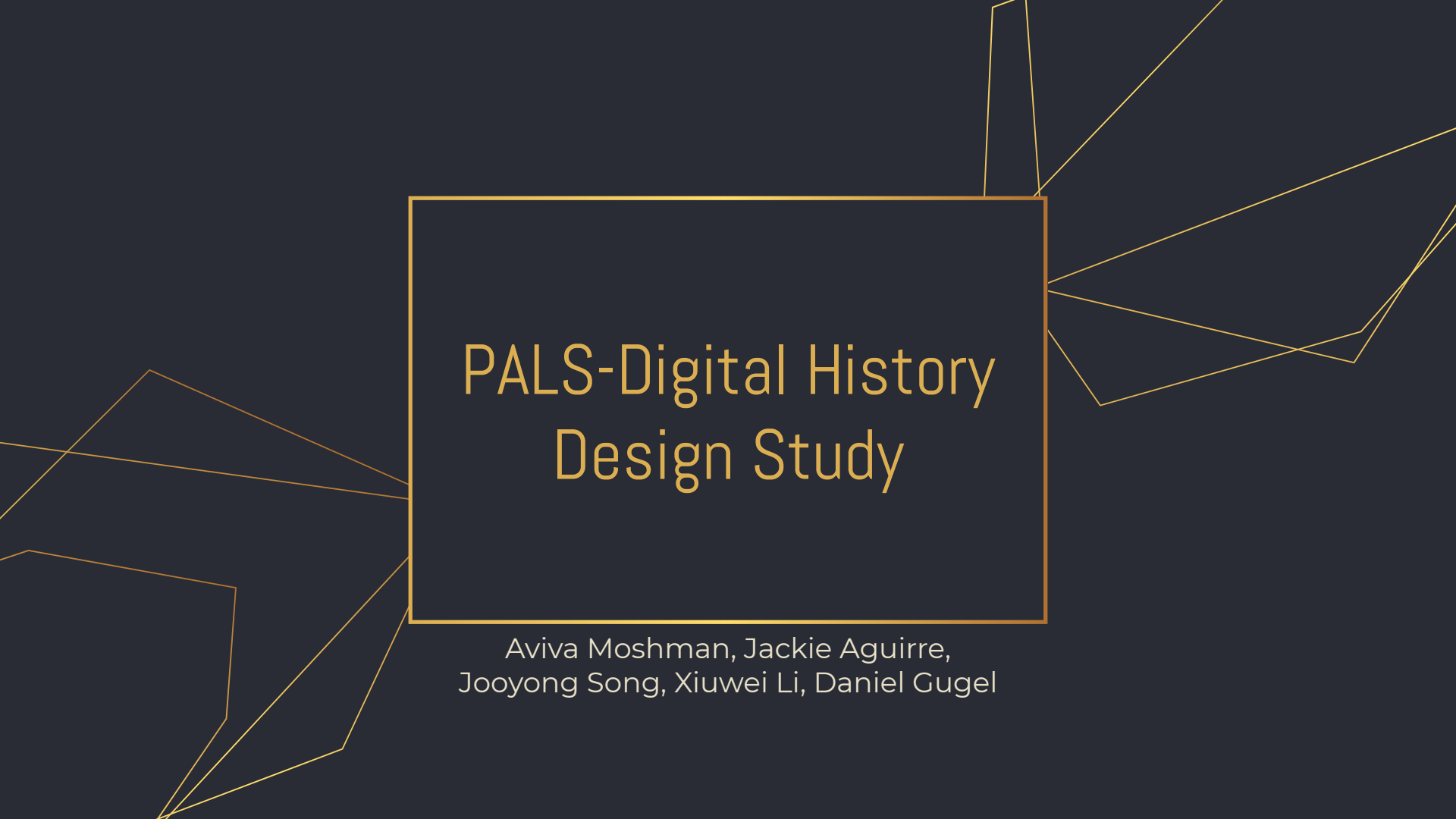


The background is a solid dark blue. Overlaid on this are several thin, gold-colored lines that form abstract, angular shapes. These lines radiate from the central text box, extending towards the corners and edges of the frame, creating a sense of dynamic movement and digital connectivity.

PALS-Digital History Design Study

Aviva Moshman, Jackie Aguirre,
Jooyong Song, Xiuwei Li, Daniel Gugel

Introduction

Project goal:

- Complete the early steps of a web development project for Prince George's (PG) County Parks and Recreation Department
- Create the initial wireframe designs, identify problems for future aspects of the project, and provide recommendations for further development



Project Context and Requirements

- Client - PG County Department of Parks and Recreation
 - Partnership with Historic Preservation Group at UMD
- Original project requirements included developing a website design for Prince George's County Parks and Recreation historical sites
- Our project goal changed to focus mainly on Compton Bassett House
 - A historical site that is suffering from old age and degradation
 - Needs to be preserved through virtual online exhibit
 - Includes 14 different buildings but is currently not open to the public



Image source: HABS Photo

Project Context and Requirements Continued

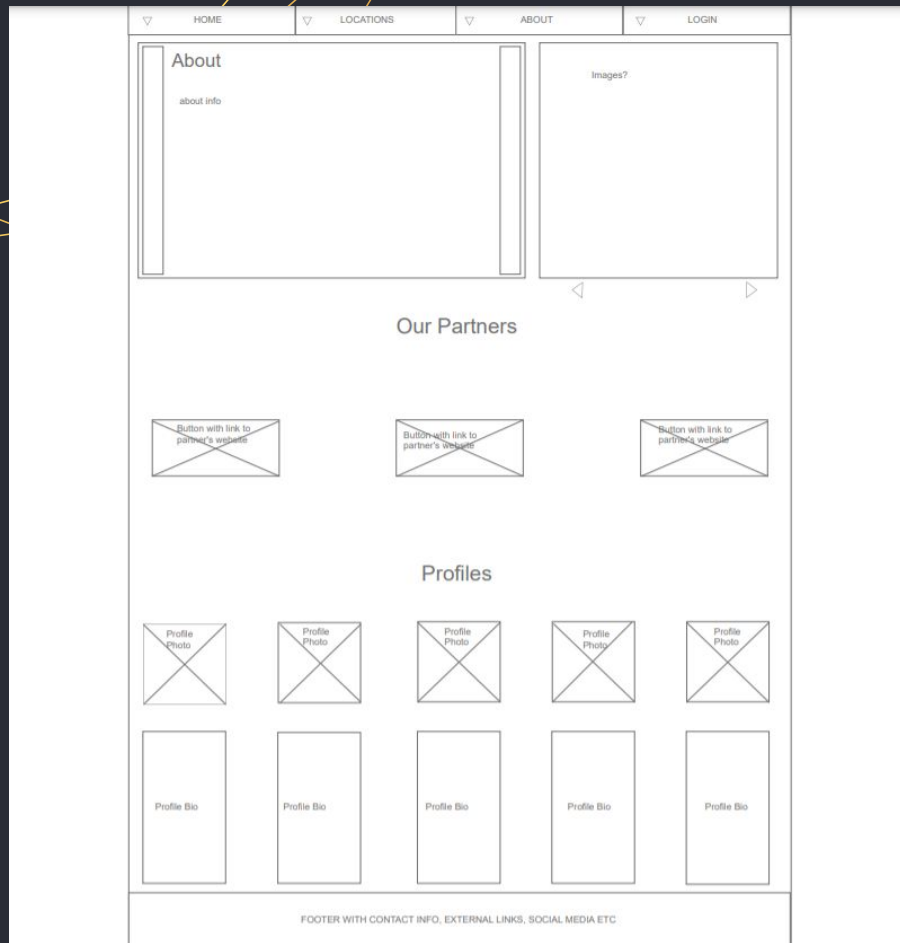
- Our tasks involve developing a website design that support 3D Modeling
- The design will cater towards both the public users and researchers
 - Considered and incorporated design elements to serve as a foundational template for other historical location within the PG County Park & Recreation Department
- We will develop a final report with potential future blockers and considerations to help our client implement the design

Information Gathering

- Background research
- Digital history subject matter expert
 - Professor TJ Rainsford
- Stakeholder interview
 - Initial meeting with Dr. Weohlke, Kimberly Fisher, and other key stakeholders
 - Follow-up meetings with stakeholders that Dr. Weohlke appointed for interview
- User experience (UX) design research

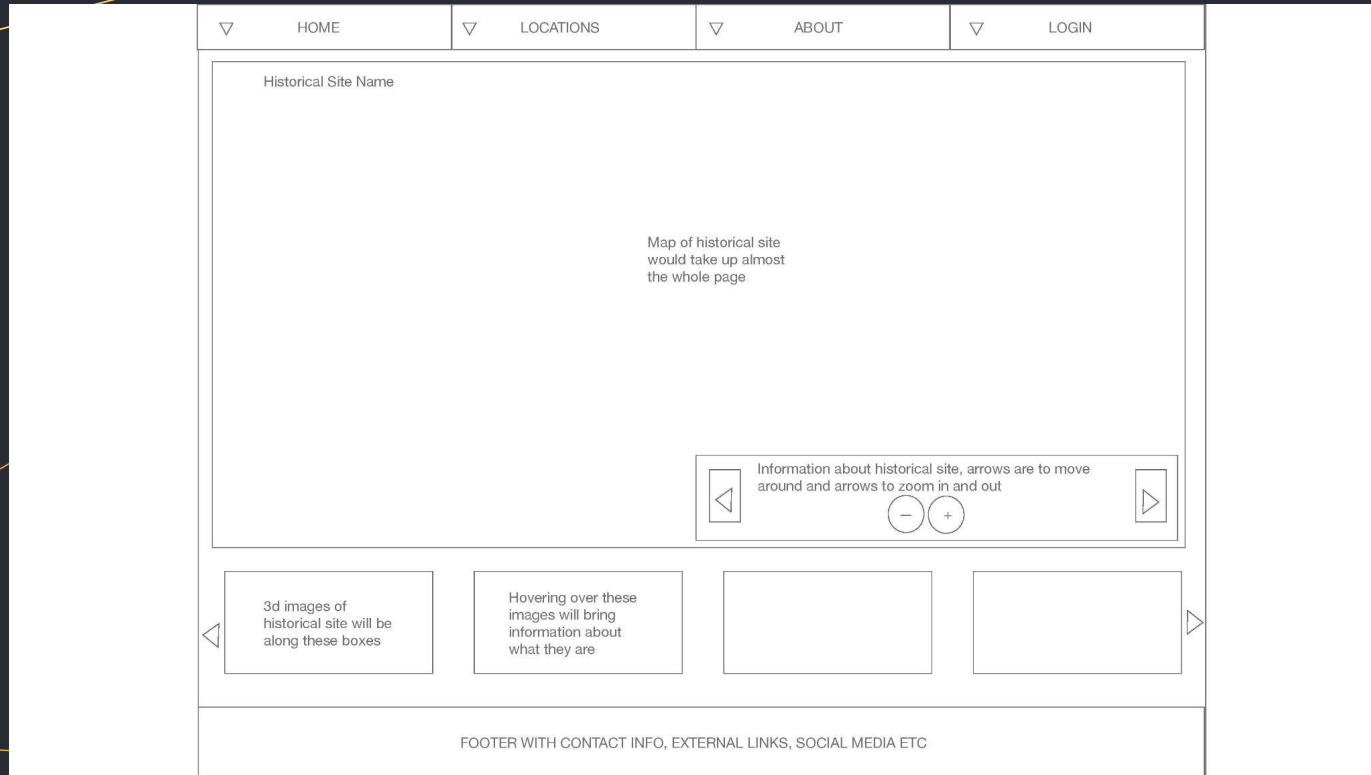
Homepage Wireframe

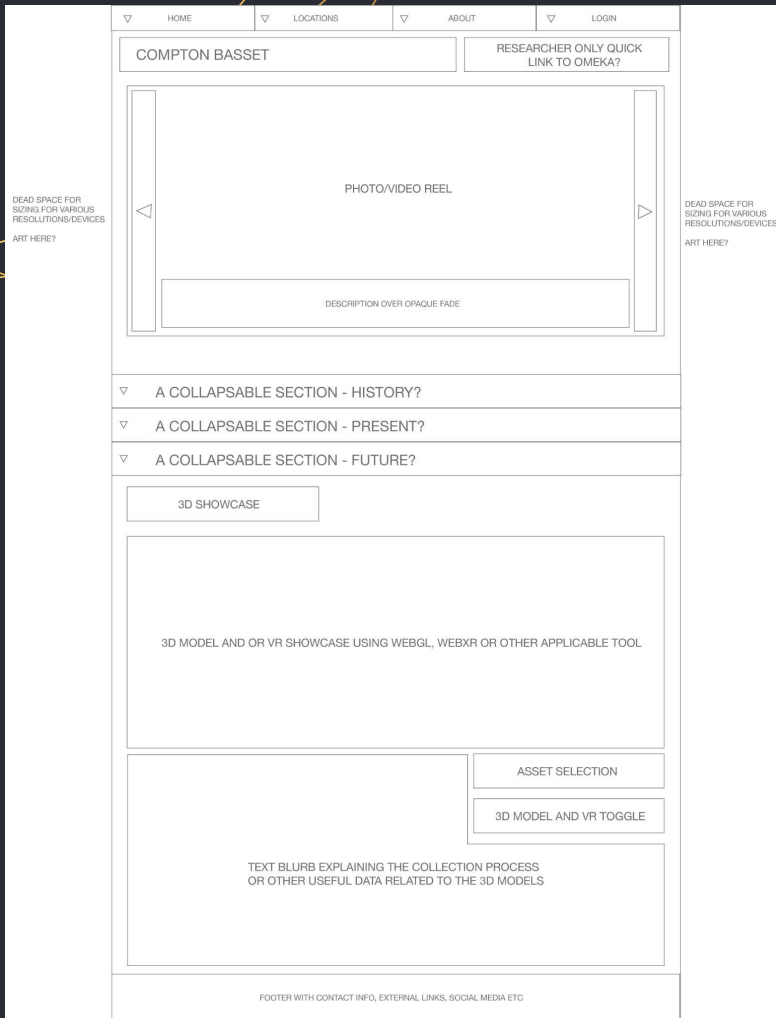




About Us Page

Historical Sites Showcase Page



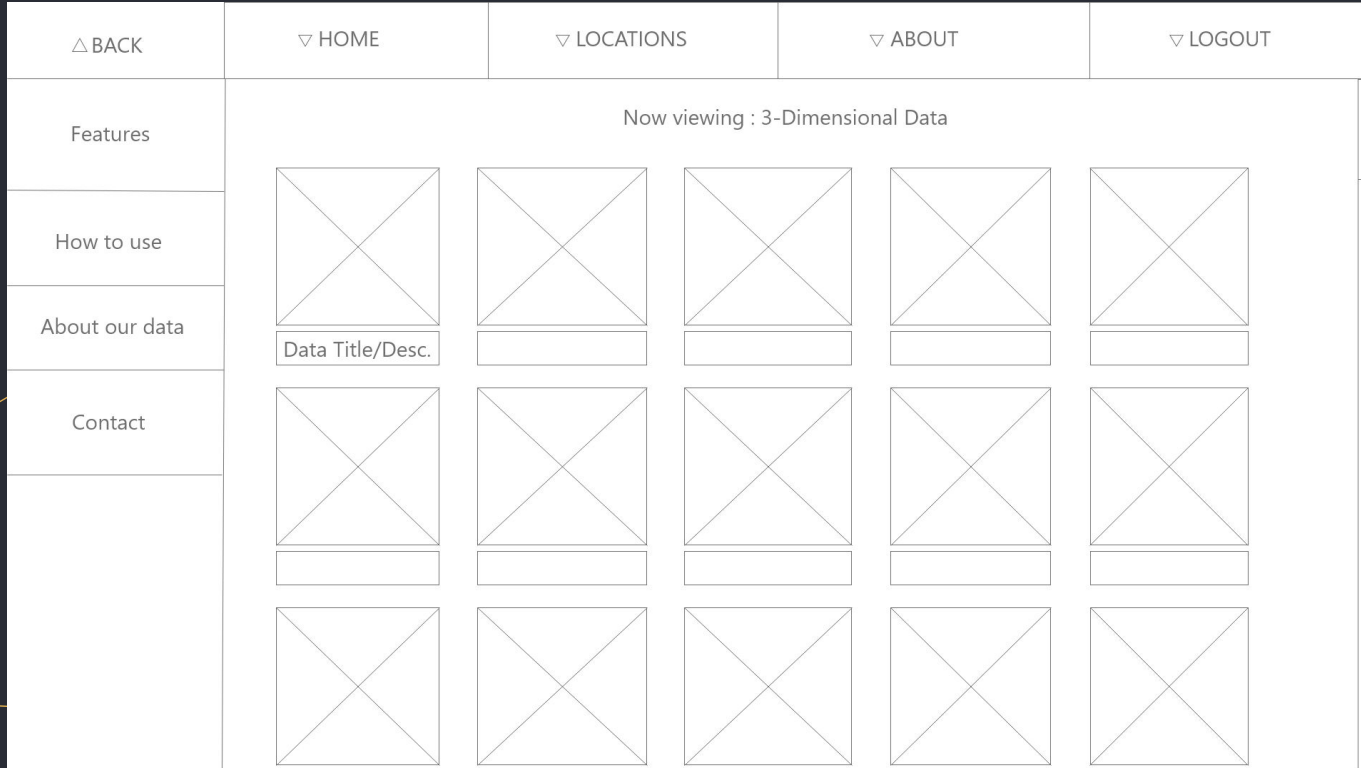


Historical Site Page

Research Login Page

△ BACK	▽ HOME	▽ LOCATIONS	▽ ABOUT	▽ LOGOUT
Features	Log in			
How to use	Username / E-mail			
About our data	Password			
Contact	Organization Code			
	Research Access Code			
	Forgot your credentials?			

Researcher Page Wireframe



Donation Page

▽	HOME	▽	LOCATIONS	▽	ABOUT	▽	LOGIN
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Lorem Ipsum

Information about why people should donate and how their donation can make an impact.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Nisi vitae suscipit tellus mauris a diam. Dui faucibus in ornare quam viverra orci. Posuere ac ut consequat semper. Vitae aliquet nec ullamcorper sit. Fermentum iaculis eu non diam. Fringilla phasellus faucibus scelerisque eleifend.

Gift Information

Donation Amount Selection

Please select a gift amount:

☐ Automatically repeat this gift every month.

Donor Information

First Name

Last Name

Address

Address Line 2

City

State/Province

ZIP/Postal Code

Country

Email Address

Payment Information

Credit Card Number

Expiration Date

CVV

Total Donate Amount : \$XXX

Donate

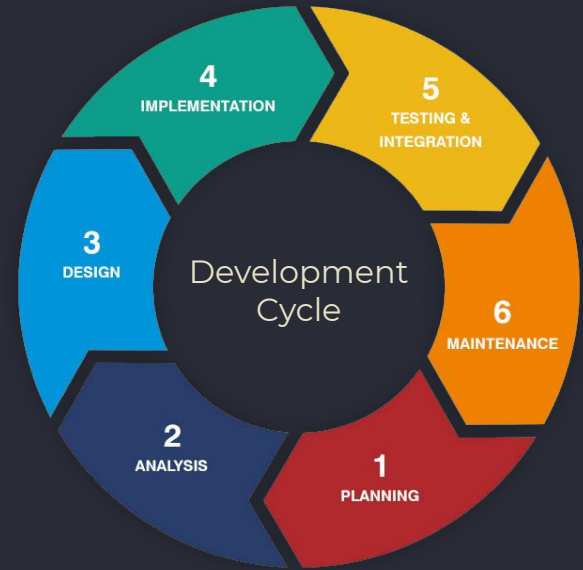
FOOTER WITH CONTACT INFO, EXTERNAL LINKS, SOCIAL MEDIA ETC

Challenges & Opportunities

- Unexpected project scope change and limited time
- Unfamiliarity with accessing and using 3D data
- Difficulty to visualize different types of data into wireframes

Further Development

- Our project has completed essential steps before implementation
- A team of graduate students along with other Historic Preservation Group members will continue on this project
- Next steps will include
 - Implementation - Development and Configure
 - Testing - Validation and Integrgration
 - Rollout - Maintenance and Monitor
- Future considerations
 - Infrastructure, Performance, Security, Legality, and Functionality





THANKS!

DO YOU HAVE ANY QUESTIONS?