This document is intended for the Museo de San Juan as a deliverable from the WPI Project Team detailing the website platform Webflow. This document coincides with the website prototype handed off to the Museo separately from this document. Instructions for creating specific elements on the prototype are included with how to use Webflow and manage the website in the future.

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Webflow's Key Features

- Free account with unlimited trial
- Page templates and element templates available
- Custom code
- Embedded HTML
- Animations
- Video integration (YouTube and Vimeo only)
- Navigation and searching
- Mobile view and editor
- Ability to publish and unpublish dynamically
- Password protection (requires paid account upgrade)
- Transferable websites (requires paid account upgrade)

Managing Account and Websites

1. To sign in, go to https://webflow.com/dashboard/signup and use either a Google account or other email
2. From here you can manage your account plan and create websites
3. For details about hosting and troubleshooting, go to https://university.webflow.com/lessons-overview#Hosting-code-export which includes:
   - Connecting a domain
   - Bandwidth usage
   - Transferring hosting
4. For managing site plans, go to https://university.webflow.com/lesson/manage-site-plans which offers additional site features including password protection and transferring projects to other accounts.

Basics of Webflow

Webflow has a lot of usage documentation through its Webflow University that provides instructions for managing your account and websites, editing your websites, adding specific elements, and tutorials on implementing different designs.

- Webflow University: https://university.webflow.com/lesson
- Webflow Crash Course: https://university.webflow.com/courses/webflow-101-crash-course
  - Website Structure
  - Element basics
  - Styling basics
  - Layout
  - Responsive design
  - … and more!
- Webflow on YouTube: https://www.youtube.com/c/Webflow
  - Short tutorials on implementing elements and design
- Developers Documentation: https://developers.webflow.com/#cms-api-- reference
- Pricing options: https://webflow.com/pricing
- Publishing: https://university.webflow.com/lesson/publish-your-project
- Password protection: https://university.webflow.com/lesson/password-protect-your-site-or-web-pages

How to Implement Designs from the Prototype

Through Webflow, the WPI project team explored the possibilities for visual and audio elements on the prototype. Instructional videos used for some specific elements are listed below.

- How to Create an Animated Timeline in Webflow by Relume:
  https://www.youtube.com/watch?v=8DKLYsikxTs&t=712s
- CREATE AN INFINITE LOOP IN WEBFLOW IN 5 MIN by Al Vision:
  https://www.youtube.com/watch?v=d3ykpgYD-Zk
- Multi Color Text Hover Effect – Webflow Tutorial [No Custom Code] by Design Pilot:
  https://www.youtube.com/watch?v=QEjvYO8_DeY&t=421s
- Creating Virtual tours on Klapty (FAQ): https://help.klapty.com/en/category/create-virtual-tours-kzkw15/
  - We used a GroPro Max to capture 360-images of the exhibit
  - Images need to be in JPG format (GoPro Max captures in JPG already) for Klapty (free)
  - Klapty generates the HTML for the tour to be embedded
- How to Add Audio Player to Webflow (2021) by Elfsight:
  https://www.youtube.com/watch?v=iC7uYhMp2FM
- Embed video as HTML: https://university.webflow.com/lesson/custom-code-embed
  - We used Wistia (free) to store a video and generate the HTML for the video

Notes, Limitations, or Issues

- Only one user can edit the website at a time.
- We recommend sizing items based on browser view width (VW) or view height (VW) which makes it easier to maintain ratios for the mobile view editor.
- The mobile editor is not 100% accurate for phones and tablets. Testing and then resizing is recommended. The version of the website (as of Dec. 2021) is accurately formatted for laptop view.
- Pictures cannot be cropped or edited in Webflow, only uploaded.
- It is much easier to resize images when they are the background image of a block instead of an image object. Resizing the image object can stretch the picture instead of keeping the same aspect ratio.
- Videos not posted to YouTube or hosted on Vimeo must be embedded as HTML. Embedded videos must still be hosted on a third-party application that allows for HTML generation.