

# Langley Park Dashboard: Final Report



**LANGLEY  
PARK**  
CIVIC ASSOCIATION

John Davitz, Julian Gonzalez, Xijing Chen, Jason Doh

# Abstract

The Langley Park Civic Association aimed to improve access to community resources through an interactive online dashboard that would centralize and simplify information retrieval. Initially, the project sought to enhance an existing resource directory by integrating it more fully with the Langley Parks website, focusing on usability, accessibility, and maintainability. The project also needs to address additional needs such as multilingual support and easier updates, culminating in a user-friendly, comprehensive dashboard that serves the diverse needs of the Langley Park community.

## Methods

Our approach involved several key steps:

- Conducting meetings with our client contact, Norberto, to define the project scope and gather requirements and feedback.
- Designing and developing the UI focusing on accessibility and ease of use, ensuring compatibility across multiple devices and browsers.
- Cleaning, organizing, translating, and categorizing resource data.
- Implementing backend functionality to allow for easy updates and additions to the resource directory.
- Collaborating closely with the website team to ensure seamless integration.

## Descriptions of Deliverables

- Langley Park Dashboard
  - Satisfies project goals through successfully implementing given resources onto the public-facing website and allows for back-end functionalities for easy-to-use editing.
- Langley Park Dashboard: Use and Maintenance Document
  - Satisfies project goals by successfully describing the functionalities and maintenance of the dashboard. This includes the technical details, accessibility of the database, and updating the directory.

## Recommendations

- Add additional languages
  - Demographic analysis for other spoken languages in the community and add translations for them, Nahuatl, French, etc.

# Conclusions

We created an interactive data dashboard that provides the citizens of Langley Park access to the wide range of resources that reside within the community, as well as the documentation for using and maintaining the dashboard. The directory can be accessed on the Langley Park website thanks to collaborating with the Langley Park Website team. There may be a few issues that need to be worked on in the future, like the language settings of the dashboard not syncing up with that of the website, but it is a working dashboard that is accessible, reusable, and easy to use.

For further questions on the dashboard, you can reach us at:

- John Davitz: JSDavitz@gmail.com
- Xijing Chen: stacychen0@gmail.com
- Julian Gonzalez: julian.f.gonzalez02@gmail.com
- Jason Doh: jdoh.business@gmail.com

# Deliverables

- Langley Park Dashboard
  - Dashboard Site: <https://langley-park.vercel.app/>
  - Edit Site: <https://langley-park.vercel.app/edit>
  - Github: [https://github.com/not-senate/Langley\\_park](https://github.com/not-senate/Langley_park)
- Langley Park Dashboard: Use and Maintenance Document
  - 📄 Langley Park Dashboard\_ Maintenance Document (Final).pdf