

Lewis Interactive Map

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Application Overview: A fully interactive, informative, and easy to use map of Lewis University's campus.

Technology Overview: HTML, CSS, JavaScript, Bootstrap, Node.js, Azure, Google Sheets

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Feature List

- A full screen map of campus that looks good on both computers and phones
- All buildings are labels with both their full name and abbreviated name
- All parking lots are labeled whether or not they are residential or commuter
- All landmarks are labeled with an image of the landmark
 - The Following are just for the AS building right now
- Clicking on buildings will bring up a map of their interior
- Clicking on a main map button will send the user back to the main map
- Clicking an up or down arrow will allow the user to transition between floors
- Clicking on classrooms will bring up an infographic with photos of the room and a list of supplies found in the classroom
- Clicking on offices will bring up the faculty member assigned there and will display their office hours
- All transitions feel smooth and good to use

Future Feature List

- Add the features to the rest of the buildings
- Somehow make the bathrooms stand out
- Add example rooms to the residence halls
- Add a menu to the various food services on campus
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Basic Technical Features Accesses a database, webhosting, client server model, image mapping

Advanced Technical Features Using Google Sheets as a database, Using SVGs, writing test cases, web animations, using Bootstrap as a CSS framework, creating a search field