

AR University Assistant

AR University Assistant is an augmented reality experience used to help students and visitors navigate and explore the Western Washington University main campus. Through the use of a mobile application, users can employ their camera in order to explore buildings and landmarks around campus, including academic buildings, sculptures, recreational buildings, and other significant areas. Users are presented information about their current location, as well as given the option to learn more about the buildings and/or landmarks currently being viewed, such as the names, hours, and descriptions of said areas.

Navigating Campus

AR University Assistant helps users navigate campus using augmented reality, allowing them to search for locations on campus which they wish to visit, and giving them the needed visual directions to get them to where they need to go. Students can also seek services such as admissions, food, or other amenities on campus.

Exploring Campus

In AR University Assistant, visitors are allowed to roam free on campus, and can use the augmented reality features of the application in order to gain information on campus buildings, find amenities like food and admissions, and hear personal stories relevant to their location on campus. Visitors can be navigated to specific department locations while exploring prospective majors, and AR University Assistant can detect when users are lost and help them get back on track or receive the help that they need.

Flexibility

Through our admin application, AR University Assistant can be expanded and updated to include developments on campus, new buildings, and new information, in addition to the potential removal of a building or service. This allows campus staff to maintain the application without the assistance of developers, and for things to be kept exceedingly up-to-date with the real, physical campus.

FAQs:

1. What devices will it work on?
 - a. Android at first, iOS in the future.
2. Does this work everywhere on campus?
 - a. It covers the entire campus.
3. Does this cover all of the buildings on campus?
 - a. It works with academic buildings and dorms.
4. What additional information is provided?
 - a. Up-to-date information on hours, services, businesses, and general building descriptions is provided.
5. What languages will it support?
 - a. English with future support for other languages.
6. What accessibility features will be present?
 - a. Closed captioning for audio will be present.
7. Does this app work in other locations?
 - a. Yes! Administrative users can add landmarks and locations for new areas.
8. Is this app just for students?
 - a. No, anyone can use this app to explore what WWU has to offer.
9. Does this app collect any user data?
 - a. Only recent searches are collected for users in order to improve the performance and results given from the app.
10. Is an Internet connection required?
 - a. No, most parts of the app are stored locally on the client device, so that if the user loses their connection, they can still continue their tour uninterrupted.