

What is CampusConnections?

CampusConnections is an Android based mobile application that provides students and visitors of McMaster University with location-based campus information, engaging interactions with the campus through Augmented Reality (AR), and a sense of connectedness with the McMaster community. The app is built using Unity, leveraging a mobile device's camera and GPS sensor. With the main campus map

Key Features

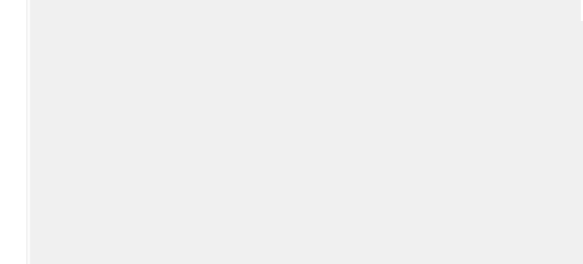
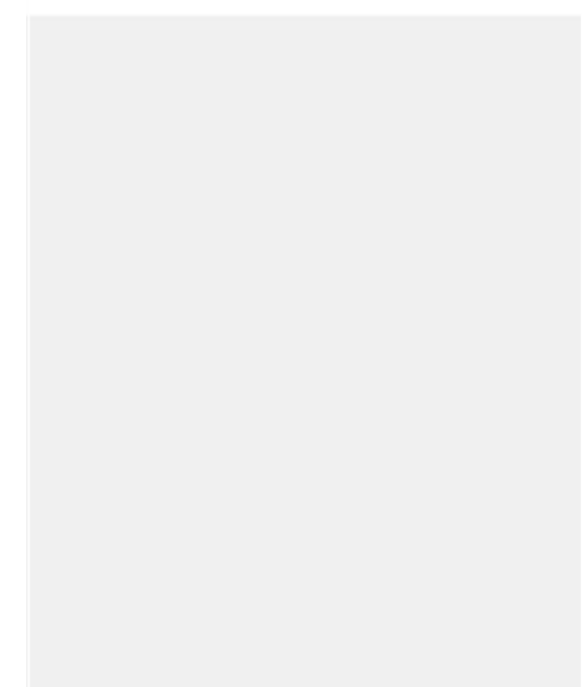
Lectures

By	Code	Instructor
	1EX0	Dr. Extra
	1ZB3	Dr. Chiles
	3XC3	Dr. Kepler
	4RM3	Dr. Yuen
	CHEM 1E03	Dr. Wong
	COMPSCI...	Dr. Bukhari
	COMPSCI...	Dr. Sekerinski
	COMPSCI...	Dr. Sivan
	ECON 1E03	Dr. Holmes
	ECON 2H03	Dr. Holmes

Lecture Se

Bookmarked Events

Name	Organizer
EXPO	McMaster e...
Eclipse ...	Department...
Industry ...	MES
Rev0 De...	4G06 Team



Bookmarked Events

Chat

Friends

Key Benefits

- Scalability:** New data and users can be easily added or changed. AR elements can be added by pushing a single unity package using Vuforia.
- Centralization:** One location for admins and users to access all the information they need at McMaster.
- Ease of Use:** Using simple designs with McMaster style makes it familiar to all user on campus.
- Discoverability:** With AR, users can find events and friends with ease throughout the campus.

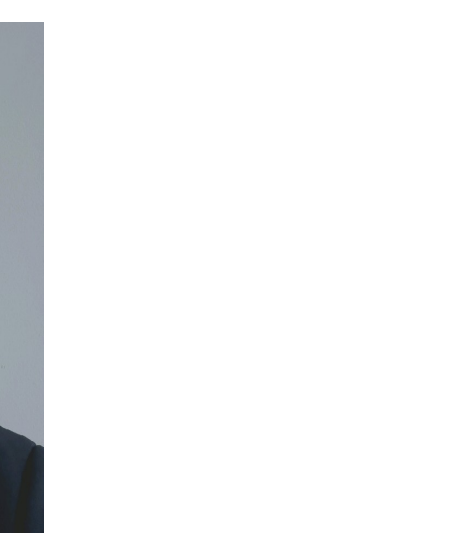
Future Continuation

- Heat map of user locations in campus to display which study spaces are occupied and which are available.
- Better user interaction by allowing other users to discover nearby users and interact with event attendees more easily.
- Generalization of the application to be used in other campuses or venues.

Acknowledgements

- To Dr. Irene Yuan, supervisor of this project and for all her help in designing and improving the usability of the application.
- To Dr. Spencer Smith and Samuel Crawford for helping us through the project and keeping us on a working schedule.

Team Members



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