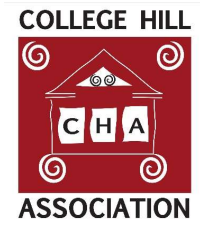


**Clients and Contacts:**



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collegehillassociation.org  
Allison Munch-Rotolo  
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Pullman 2040  
Pullman2040.org  
Francis Benjamin  
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**Preferred Meeting Method:** Online or in-person

**Preferred Meeting Frequency:** Bi-weekly

**Scope:** 3-4 students

**Abstract and Motivation:** CHA and Pullman 2040, along with several other community partners, aim to make the College Hill neighborhood and all of Pullman safe, easy, and fun to discover without the use of a car. This project builds upon the work of a previous capstone group and focuses on enhancing and completing their initial solutions. The primary tasks include:

- Database Migration: Transitioning from CPP data structures to an SQL database to enable deployment on Heroku.
- Frontend Development:
  - Enhancing the user experience with additional tweaks.
  - Updating the frontend to be compatible with both mobile web applications and native mobile applications.
- New Features to Implement:
  - Safety Rating Filtering: Allow users to filter safety rating information based on weather conditions or season.
  - Enhanced Safety Reporting: Integrate local policy data to enrich safety reporting.
  - Custom Routes: Inject custom "secret" routes into the returned polyline for unique walking experiences.
  - Public Transit Tracking: Track if users start or stop at a bus stop or other public transit utility to suggest their use of that utility.

By collaborating with WSU students and community members, we aim to identify Pullman's popular daytime and nighttime destinations and related active transportation routes. Over time, we will seek grant funding to improve these routes and destinations.

**Outcome:** We envision a College Hill walking app (Walk the Hills) that:

- Provides basic information about distance, elevation gain/loss, and other relevant data.
- Offers insider tips not available on mainstream platforms, such as unmarked public stairways, best sunset viewpoints, etc.
- Allows users to share photos and possibly post reviews of their walking experiences.
- Enables users to report issues that affect walkability.
- Provides interpretive information about nearby points of interest or local businesses.

**Expectations from Students:**

- Knowledge of mobile/web app development and interfacing.
- Computers capable of developing the project.
- An interest in active transportation, public health, and safety.
- An interest in community service.

**Resources from Client:**

- Funds available to reimburse project-related expenses.
- Opportunity can be used to fulfill service learning and community service requirements. Service hours can be earned for this project.
- Access to WSU's Center for Civic Engagement resources and network.

**Agency Information:**

About The College Hill Association (CHA):

Incorporated in 1992, the College Hill Association is a 501c3 nonprofit corporation that works proactively for the long-term common good of all neighborhood interests, including short- and long-term residents, businesses, and faith communities. CHA envisions a vibrant, diverse, and improving community that welcomes all. Specifically, CHA envisions a walkable neighborhood and an active pedestrian community served by excellent infrastructure, including lighting, paths, and public transit.

About Pullman 2040:

Pullman 2040 is a process which engages all community members to develop a collective vision for the Pullman community and the strategies to accomplish that vision. Pullman 2040 envisions that by 2040, residents and visitors will describe Pullman as welcoming, safe, vibrant, collaborative, and diverse and accepting.