

A decorative graphic on the left side of the slide consisting of two overlapping parallelograms. The front one is blue and the back one is a light green. They are positioned diagonally, with the blue one partially covering the green one.

CS 495 Pitch: Blount Compass

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Meet the Team



Nicholas King



Chandler Norman



Hannah Bray



Khushi Modi



Andrés Aguilar



Motivation

Community Building & Alumni Engagement

- Foster connection among current Blount students and alumni.
- Centralized hub for collaboration, communication, and resource sharing.
- Address practical needs and encourage program engagement.



Serving...

- Current Blount Students
- Blount Alumni
- Blount Faculty (Admins)



Core Features

- Account Logins
- Vetted News Feed
- Study Resources
- Social Interaction

Technical Details

Tech Stack: LAMP (Linux, Apache, MySQL, PHP)

Hosting: Hosted on a university server

App Functionality: optimized for both mobile device and desktop browsers

Usage: Student and admin sides of site





Initial Thoughts on Dev Env

Hosting Considerations:

- Hosted on university server to align with institutional requirements.
- Scalable and secure environment for web and mobile accessibility.

Flexibility and Scalability:

- Modular architecture to allow updates and feature expansions.
- Future-proofing to accommodate contributions from future CS 495 students.

User-Centric Approach:

- Intuitive interface for ease of navigation by students and admins.
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Related Apps, Competitors

Slack:

- Popular for communication and collaboration.
- Limitations: Lacks specialized tools for Blount-specific needs.

Discord:

- Engages communities with voice, video, and text features.
- Limitation: Overloaded for simple collaboration and resource sharing.

Previous Capstone Blount App:

- Developed using Node.js, React, and MongoDB.
- Limitations: Not hostable on university servers.
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High Priority Challenges/Obstacles

- Learning PHP
- University server



Thank you!