

## **Sprint Planning Document (Sprint 2)**

### **Sprint Goal Backlog (Sprint 2)**

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# High-level Project Overview

## Project Mission:

- Blount Compass seeks to provide a convenient, modular web application for use by students and alumni of the Blount program.

## Problems We Are Solving:

- **Fostering a Stronger Sense of Community:** The app helps Blount Scholars connect with one another, promoting a sense of belonging and community within the program, and encouraging collaboration and engagement among scholars.
- **Centralizing Access to Resources:** It provides a centralized platform where students can easily access academic materials, involvement opportunities, and local resources, streamlining their academic and personal development in one convenient location.
- **Enhancing Communication and Program Engagement:** The app improves communication within the community by offering a seamless way to share announcements, program updates, and events, ensuring students stay informed and engaged with the Blount Scholars program and its culture.

## Project Overview (High-Level Features):

- **Website/Web App:**
  - **Sign-in/up:** Users should be able to sign in with an email/password.
  - **Blount Compass Home Page:** A page giving an overview of the purpose of the Blount Compass. Also, contains links to all the features of the Compass.
  - **Ride Share Forum:** Repurposed job board plugin to allow users to offer rides and easily search and connect with an individual offering a ride. Ride offerors list details such as location, date, and whether the offer is recurring. Ride searchers can search and filter for rides based on those same qualities.
  - **Study Room Reservation:** Allows users to see room utilization for the Blount program study rooms. Users can also request a room reservation, which sends an email to program coordinator Murrie Dixon for approval. Room statuses include occupied and request pending. Utilizes an adapted version of the WP Booking Calendar plug-in.
  - **News Feed:** Admins (Whiting) can upload current events and news articles that he is interested in Blountees reading.
  - **Tuscaloosa Events:** Users looking for an activity can learn about upcoming events happening in the Tuscaloosa community.
- **Service**
  - WordPress
    - **Database:** Data for users, room schedules, ride-share requests, etc.

- **Hosting:** Host on university servers.
- **Authentication:** Use OAuth.

# Sprint 2 Planning

## Sprint 2 Goals:

1. Implement OAuth login for UA system Microsoft accounts
2. Create news feed pages for multiple scopes
3. Research potential cybersecurity risks associated with WordPress.
4. Implement the Blount Compass section pages.
5. Further develop the room reservation page.
6. Further develop the ride-share forum page.

## Sprint 2 Deliverables:

- **Set up OAuth to validate UA system users to access student only pages:**
  - **Assigned:** Nicholas
  - Research plugins and decide on the most appropriate, install/ configure the selected plugins, test the functionality & security of authentication process
- **Research potential cybersecurity risks associated with WordPress:**
  - **Assigned:** Andrés
  - Research relevant CVEs, their exploitability and risk. Communicate with team and Cyber Security assessors.
  - Summarize findings into a concise report with recommendations.
- **Implement the section pages for site:**
  - **Assigned:** Nicholas
  - Create a homepage that has access to the other Blount Compass main pages and reflects the drafted design
- **Further develop the room reservation page:**
  - **Assigned:** Hannah
  - Modify plug-in PHP files to render timeline using bookings for rows instead of days, split bookings by room, and fix miscellaneous issues in the plug-in such as date calculation.
  - Update plug-in CSS files to make timeline cleaner and refining fit on page.
  - Add separate room for booking requests and linked from the timeline with a button.
- **Ride-share forum page development:**
  - **Assigned:** Khushi, Andrés
  - Repurposed a job board plugin to fit the needs of a ride-share forum page.

- Removed all job-related lingo and functionality and revamped it to include rideshare lingo (Some instances required finding the correct PHP files to modify on the WordPress admin site. Other instances required cPanel's file manager system to perform manual overrides to the WordPress site or the plugin's language file, which are inaccessible on the WordPress admin site.)
- **Create News Feeds:**
  - **Assigned:** Chandler
  - Implement post categorization
  - Create new pages with feeds for differing scopes of news
  - Find plugin to allow for user post creation
  - Integrate navigation