

Sprint Planning Document (Sprint 1)

Sprint Goal Backlog (Sprint 1)

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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 1 Planning

Sprint 1 Goals:

1. Research the tools to be used in this project.
2. Work with OIT to set up a beta WordPress site.
3. Research potential cybersecurity risks associated with WordPress.
4. Implement the Blount Compass home page.
5. Create the study room reservation page.
6. Create the ride-share forum page.
7. Create Blount Compass about page.

Sprint 1 Deliverables:

- **Research the tools to be used in this project:**
 - **Assigned:** Hannah, Nicholas, Khushi, Chandler, Andrés
 - Research and read through all of the necessary documentation for the tools to be used throughout the project.
- **Work with OIT to set up beta WordPress site:**
 - **Assigned:** Nicholas, Chandler
 - Work with sponsor to get in contact with OIT
 - Explain needs to OIT, and obtain a clone of the public site for beta-testing
- **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 Blount Compass home page:**
 - **Assigned:** Nicholas
 - Create a homepage that has access to the other Blount Compass main pages and reflects the drafted design
- **Create the study room reservation page:**
 - **Assigned:** Hannah
 - Find a free plug-in that provides booking functionality.
 - Create a page with a timeline for viewing accessibility and a UI to request a room booking.
- **Create the ride-share forum page:**

- **Assigned:** Khushi, Andrés
- Brainstorm and determine the best way to implement a ride-share forum page. Researched various methods and plugins and decided on repurposing a job board plugin.
- Activated job board plugin and began customizing the plugin to fit the ride-share narrative.
- **Create Blount Compass about page:**
 - **Assigned:** Chandler
 - Gather relevant information from the public site
 - Create new page and integrate into current navigation tools
 - Explain purpose for site and features present
 - Integrate navigation to current working features