



Sprint 2: Blount Compass

Hannah Bray, Nicholas King, Khushi Modi, Chandler Norman, Andrés Aguilar

Project Website: <https://blountwebapp.github.io/>

Source Code: <https://github.com/BlountWebApp/BlountCompass>

Meet the Team



Nicholas King



Chandler Norman



Hannah Bray



Khushi Modi



Andrés Aguilar



Reminder of Project Focus



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.



Sprint Focus

FURTHER DEVELOP...

- RIDE SHARE FORUM MODULE
- STUDY ROOM RESERVATION SYSTEM MODULE

1

BEGIN...

- AROUND TOWN MODULE
- NEWS MODULE

2

IMPLEMENT...

- OAUTH LOGIN

3



Sponsor Feedback

- Study Rooms: Get the information connected to a calendar to track reservations
- News: Both autofeed news & student submitted, post timeouts
- Rideshare: Approval needed notifications
- Login: Be able to accept files to whitelist only blount students
- Pleased with feature and site progression

Sprint Backlog

Sprint 1

1	Look through previous GitHub repository	8	4	1	Khushi
2	Look at UA Blount website pages for desirable features	2	4	1	All
3	Draft mobile homescreen design	2	1	1	Nicholas
4	Draft desktop homescreen design	2	1	1	Nicholas
5	Cybersecurity research	8	1	1	Andres
6	Create new blount compass homepage	2	1	1	Nicholas
7	Edit site theming for header and footer	4	2	1	Nicholas
8	Draft room schedule tracker page design	1	5	1	Hannah
9	Facilitate access to WordPress	1	1	1	Chandler
10	Create room schedule tracker events	1	2	1	Hannah
11	Find booking plug-in to adapt for room tracker	2	1	1	Hannah
12	Find job board plug-in to adapt for rideshare	2	1	1	Khushi / Andres
13	Upload and activate job board plugin to wordpress	1	1	1	Khushi
14	Draft rideshare UI	4	3	1	Khushi / Andres
15	Re-route links to the static Blount website to open new tabs / windows *OR* implement Whiting's quick-link list	3	3	1	Chandler

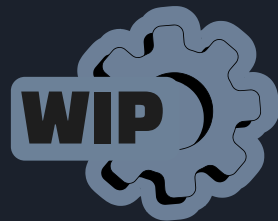
Sprint 2

✓	Tr Task	✓ #	Estimated Hours	✓	🔒 Priority	✓ #	Sprint When Finished	✓	Responsible Parties
17	Decide on overall navigation flow from home page		3		3			2	Chandler
18	Divide timeline based on number of rooms available		10		3			2	Hannah
19	Create section landing pages		2		3			2	Nicholas
20	Update nav menu to contain only section that are section on home page		2		3			2	Nicholas
21	Create the around town page		2		3			2	Nicholas
22	Research what to include for the around town page		1		4			2	Nicholas
23	Retrieve parsed appointment info from the SQL server		5		1			2	Hannah
24	Display room bookings by room instead of by day		10		1			2	Hannah
25	Add OAuth plugin to allow UA system microsoft OAuth		3		1			2	Nicholas
26	Restrict some pages to allow only logged in user access		1		2			2	Nicholas
27	Research how to modify the fixed/inaccessible plugin files		5		1			2	Khushi
27	Analyze and understand job board plugin codebase		4		2			2	Andres
28	Modify PHP files in job board plugin for ride share usage		10		1			2	Khushi / Andres
29	Override the fixed "job" lingo via cPanel's file manager system		4		1			2	Khushi
30	Place wp-job-manager/rideshare plugin files into GitHub for source control		1		1			2	Andres
31	Create a ride share landing page (describe feature, links, etc)		2		1			2	Khushi
31	Apply patches to plugin + create ride categories in WP Editor		1		1			2	Andres
32	Fix navigation to the different ride share pages		3		1			2	Khushi
33	Customize timeline appearance		8		3			2	Hannah
34	Allow for date select from timeline on room tracker		10		5			##	Hannah
35	Research plugins for News Feed and post submission		4		3			2	Chandler
36	Design Navigation and layout for local, national, and overall news		10		2			2	Chandler
37	Design and Implement User Submission for News posts		8		2			2	Chandler



What Was Not Finished

- **Finalized list of login-protected pages**
- **In-depth testing of ride share plugin**





What We Learned

- **WordPress debugging**
- **Scope Management**
- **Team Communication**



Cybersecurity

- Cross-site scripting
- Input sanitization



Individual Contributions

Hannah

- Set up WordPress debugging
- Reconfigure timeline to show room utilization
- Fix misc. bugs in original booking plug-in
- Customize timeline CSS

Chandler

- Updated Site Navigation
- Designed and implemented News Feeds for national and local news
- Designed and implemented News Article submission form
- Organized review queue for vetting user submitted articles

Nicholas

- Created section landing pages
- Created around town page
- Installed and configured OAuth plugin to allow UA system users
- Restricted student specific pages to only logged in users



Individual Contributions - Ride Share

Khushi

- Created ride share landing page
- Improved site navigation to the various ride share pages
- Prepared and analyzed job board plugin codebase
- Modified plugin PHP to suit RS needs

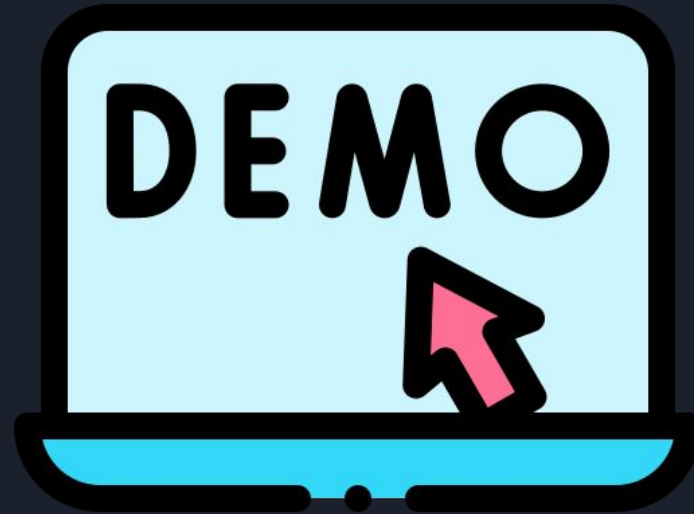
Andrés

- Prepared and analyzed Job board plugin codebase
- Modified plugin PHP to suit RS needs
- Set up version control for plugin
- Applied patches and configured final plugin settings





DEMO





Thank you!