



blubus

a new blue bus app



by emily grace lobel and sophia grace trump



[Go to the Official Blue Bus Page](#)

bluebus

The Bi-Co Blue Bus

From Bryn Mawr

From Haverford

[Return to Top](#)

[Set Custom Alarm](#)

[Preset Alarm Settings](#)

Monday Tuesday Wednesday Thursday Friday Saturday Saturday Night Sunday

Leave Bryn Mawr

Arrive Haverford

7:35 AM

7:45 AM

[Set Alarm](#)

8:15 AM

8:25 AM

[Set Alarm](#)

8:45 AM

8:55 AM

[Set Alarm](#)

9:10 AM

9:20 AM

[Set Alarm](#)

The Bi-Co Blue Bus

[Home](#)

[Preset Alarm Settings](#)

[Set Custom Alarms](#)

My BMC Alarms

My HC Alarms

Monday Tuesday Wednesday Thursday Friday Saturday Saturday Night Sunday

your haverford monday alarms:

Interface A: "Tabs"

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The Bi-Co Blue Bus

[View My Bus Alarms](#)[Set Custom Alarm](#)[Configure Alarm Presets](#)

I am leaving from on a .

Here are the busses leaving from Bryn Mawr on a Monday:

Leave Bryn Mawr	Arrive Haverford	
7:35 AM	7:45 AM	Set Alarm
8:15 AM	8:25 AM	Set Alarm
8:45 AM	8:55 AM	Set Alarm
9:10 AM	9:20 AM	Set Alarm
9:30 AM	9:40 AM	Set Alarm
10:05 AM	10:15 AM	Set Alarm
10:15 AM	10:25 AM	Set Alarm
10:35 AM	10:45 AM	Set Alarm

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[Home](#)[Set Custom Alarm](#)[Configure Alarm Presets](#)

View busses leaving from on a .

Here are the busses leaving from Haverford on a Monday:

your haverford monday alarms:

preset alarm settings

toggle checkboxes for an alarm to go off x minutes before each favorited bus.

5 minutes: ☐

10 minutes: ☐

15 minutes: ☐

30 minutes: ☐

1 hour: ☐

2 hours: ☐

30 minutes: ☐

1 hour: ☐

2 hours: ☐

set custom alarms

choose a time for a custom alarm to go off.

your custom time (note that saturday night starts after 5pm): Bryn Mawr Monday --:-- -- ✓

submit

[Back to Main Schedule](#)

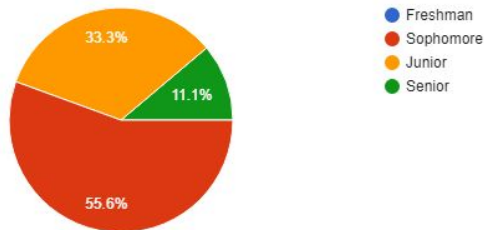
Hypothesis



The Tabs interface is more usable than the
Dropdowns interface.

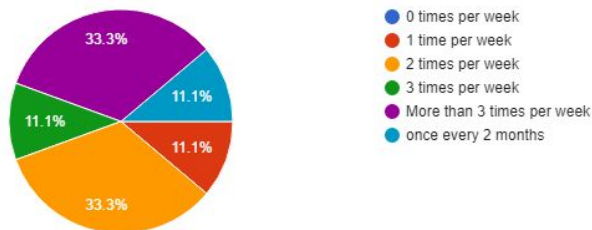
What is your class year?

9 responses



How often do you take the BiCo Blue Bus each week?

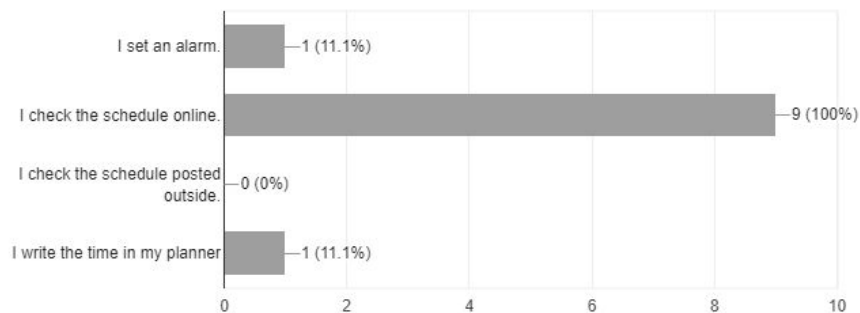
9 responses



Pre Survey Data

What measures do you take to stay on schedule with the BiCo Blue Bus?

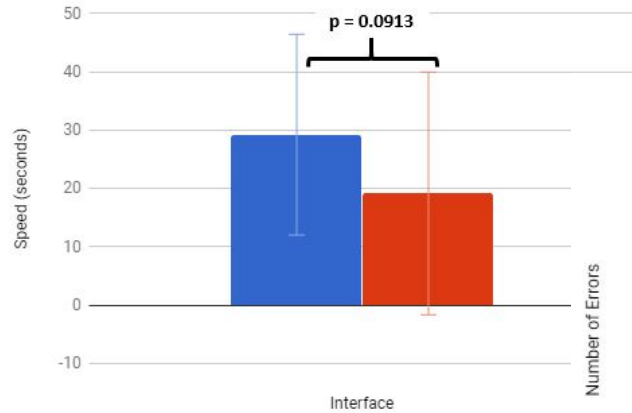
9 responses



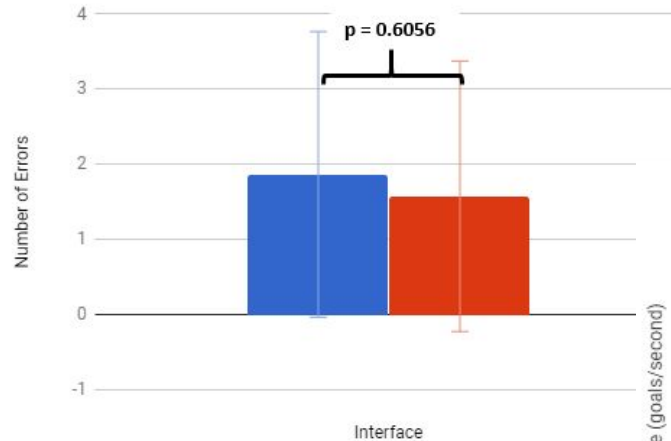
Data Analysis

■ Dropdowns
■ Tabs

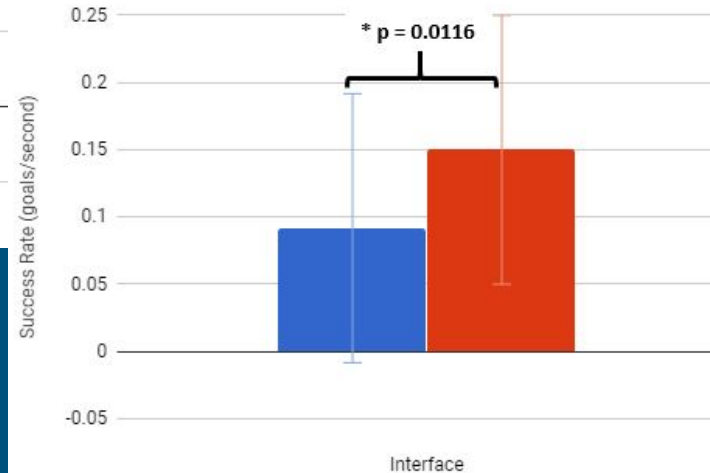
Speed vs Interface



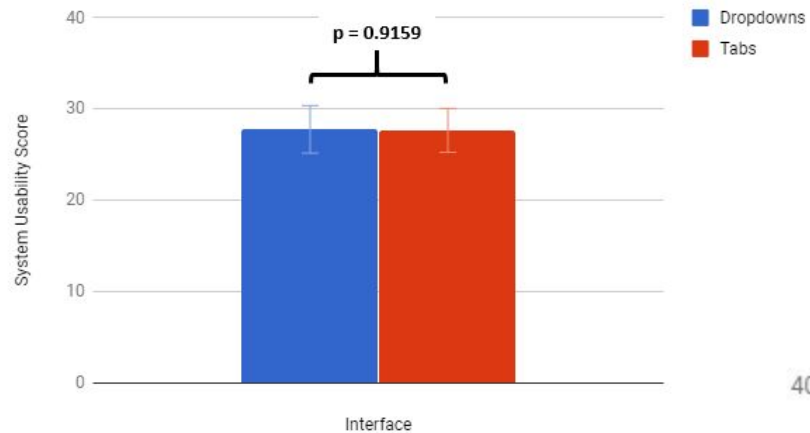
Number of Errors vs Interface



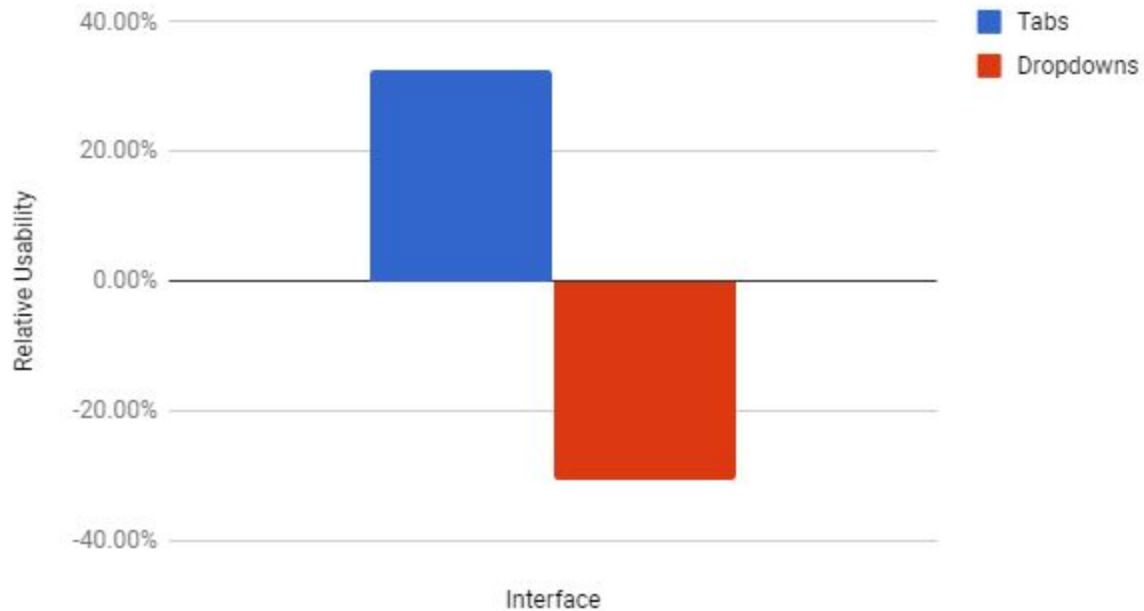
Success Rate vs Interface



System Usability Score vs Interface



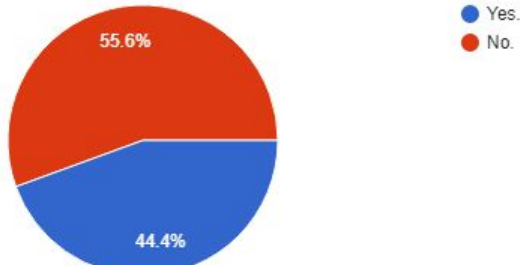
Relative Usability vs Interface



Post Survey Data

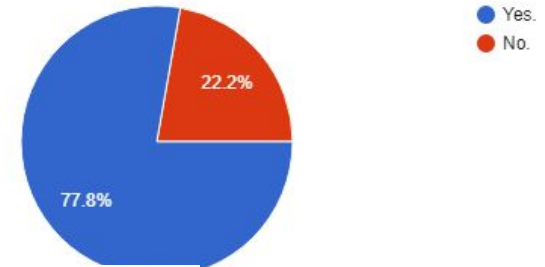
Would you use the "Dropdowns" interface again?

9 responses



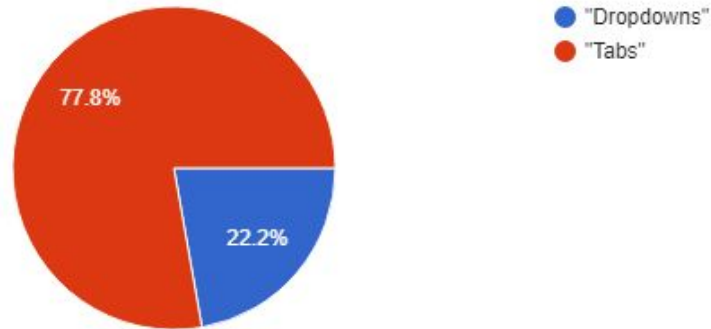
Would you use the "Tabs" interface again?

9 responses



Which interface did you prefer?

9 responses



Results

From data analysis...

...Tabs is more usable --- BUT this data is statistically insignificant!

...however, from qualitative data

...Tabs is more usable!

This suggests our hypothesis is correct!

[Go to the Official Blue Bus Page](#)[HELP](#)

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The Bi-Co Blue Bus

Buses From **Bryn Mawr**

Buses From **Haverford**

[Return to Top](#)[Set Custom Alarm](#)[View My Alarms](#)[Preset Alarm Settings](#)

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Saturday Night	Sunday
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Leave Haverford	Arrive Bryn Mawr	
7:50 AM	8:00 AM	Set Alarm
8:50 AM	9:00 AM	Set Alarm
9:15 AM	9:25 AM	Set Alarm
9:40 AM	9:50 AM	Set Alarm

The Bi-Co Blue Bus

[View Main Schedule and Set Alarms](#)[Preset Alarm Settings](#)[Set Custom Alarms](#)[View My **BMC** Alarms](#)[View My **HC** Alarms](#)

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Saturday Night	Sunday
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Your HC Monday alarms:

Final Interface

Preset Alarm Settings

If you would prefer an alarm to go off a certain number of minutes before your bus arrives rather than at its arrival time, choose an interval here. When you choose to set an alarm from the homepage, blubus will automatically set an alarm time however many minutes before that bus's arrival based on your preference.

5 minutes: ☐

10 minutes: ☒

15 minutes: ☐

30 minutes: ☐

1 hour: ☐

2 hours: ☐

Set Custom Alarms

If you would prefer to set a custom alarm rather than choose from the schedule and use the presets, feel free to do so here in the format HH:MM AM/PM.

Your alarm will be viewable within the correct tabs and go off as normal.

Enter your custom time here. Note that "Saturday Night" starts after 5:00 PM.

Bryn Mawr



Monday



11:11 AM



Submit

You submitted a new custom alarm for the bus at BRYN MAWR on MONDAY at 11:11.

[Return to Top](#)

[Back to View Main Schedule](#)

Final Preset Alarms Settings and Set Custom Alarms