Diversity Project

Emelia Blankenship

Mobile Apps

Block 1

Created a mobile application that allows students to select their school/classes, then share the assigned homework, and see the homework that others have posted.

App #5: Information Collective

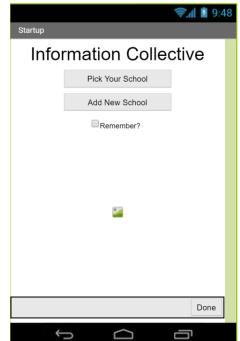


Developers: Emelia Blankenship & Hunter Harris

Problem: Students are constantly forgetting their homework, and school devices such as online planners are prone to errors.

Solution: Web of students contributing to a single database of all of the school's classes, and their assignments. Select your school and the classes you are enrolled in to display the upcoming assignments and mark when you have completed them.

Diversity Statement: This app is diverse because it is applicable to every student in any school, and it is open to everyone.



Visuals are a work in progress

App #5: Information Collective Code

```
initialize global schoolPicked to Fror
                                                                                     set global assignmentList to to create empty list
                                                                                     for each item in list | call TinyDB1 .GetValue
                                                                                                                          tag classesPicked
                                                                                                              valueIfTagNotThere | Tror
                                                                                         call fringWebDB1fc .GetValue
 itialize global (assignmentList) to [ O create empty list
                                                                                                               tag | join | get global schoolPicked •
  en MainView Initialize
  call MainView .HideKeyboard
   set global schoolPicked • to ( call TinyDB1 • .GetValue
                                                tag schoolPicked
                                    valuelfTagNotThere Error
  set LabelSchoolName . Text . to get global schoolPicked
  call refreshAssignmentList -
                                                                                             en ButtonAddAssignment . Click
   call postProcess •
                                                                                              open another screen screenName AddAssignment
                                            call postProcess -
                                             set AssignmentListView . Elements to get global assignmentList
  en ButtonSettings - .Click
    open another screen screenName (Settings)
                                                                                     for each item in list get global assignmentList
                                                                                     to O if call TinyDB1 .GetValue
 when TinyWebDB1 .GotValue
                                                                                                                       tag | O join | get global schoolPicked -
  tagFromWebDB valueFromWebDB
    get (tagFromWebDB v = ) * * * *
    then o add items to list list get global assignmentList
                                                                                                                                      isComplete |
                        item get valueFromWebDB
         set AssignmentListView . Elements to get global assignmentList
                                                                                                          valueIfTagNotThere ( " | " | | "
    else if | contains text | get tagFromWebDB
                                                                                         then o if contains text get item
                                                                                                            piece .......
                    piece assignments
                                                                                                      eplace list item list get global assignmentList
                 get ValueFromWebDB - F- 1 - 1
                                                                                                                index in list thing get item
                 append to list list1 get global assignmentList
                                                                                                                                  list get global assignmentList
                         list2 get ValueFromWebDB
                 set AssignmentListView . Elements to get global assignmentList
                                                                                                                                                                             initialize global testestest to
                                                                                         else if call TinyDB1 GetValue
                                                                                                                                                            = T true -
                                                                                                                                                                            initialize global (testestest2) to | ***
                                                                                                                       tag | O join | get global schoolPicked
                                                                                                                                      . .
                                                                                                                                      "[isComplete] "
```

English II

Block 2

Learned about challenges and benefits of diversity and compared people from our biographies to characters in Macbeth. English II Honors Ms. Mullen-Barnett 1/11/16

Diversity Project

Nathaniel Rivera, Andres Morales-Merced, Emelia Blankenship, Jordan Charlow

What are the challenges and benefits of considering diverse differences and contrasts in writing and in life?

Emelia: Duncan / Jaycee

Duncan and Jaycee both suffered from abuse, though Duncan's was entirely physical and Jaycees was primarily mental.

Duncan:

Killed using physical means by someone he had trusted.

Jaycee:

Jaycee was damaged mentally for the most part, though she did suffer from short term physical abuse.

"I've learned that verbal abuse can be just as damaging as physical abuse, and take longer to heal from"
-Jaycee Dugard

Real Life Challenges of Diversity

In real life, challenges of Diversity deal with heavy racism and gender equality issues.

Everyone is diverse and unique in their own way and most people don't see that and think everyone should be the same.

Real Life Benefits of Diversity

No matter how different people are, you can still find similarities in interesting and specific ways that connect people.

New insights from parties of different backgrounds and experiences makes a path for better ideas and choices.

"We may have all come on different ships, but we're in the same boat now."

- Martin Luther King Jr.

Pre-Calculus

Block 4

Wrote a research paper on mathematician Grace Hopper

Chemistry

Block 5

Wrote a program in python that gives information about two elements and compares them, showing how diverse elements can be.

```
Element Diversity Project
Emelia Blankenship
```

MOLYBDENUM (Mo):

- 1. Basic Information
- 2. Similar Elements (properties, ions, isotopes, group or period)
- 3. Concerning Electrons

ARSENIC (As):

- 4. Basic Information
- 5. Similar Elements (properties, ions, isotopes, group or period)6. Electron Info
- a to aui

q to qui

Which option would you like to expand? (Please input the number)

ELECTRON INFORMATION - MOLYBDENUM Electron Config:1s²2s²2p⁶3s²3p⁶4s²3d¹⁰4p⁶5s²4d⁴ Energy Level Electron Amount: 1st Energy Level- 2 electrons 2nd Energy Level- 8 electrons 3rd Energy Level- 18 electrons 4th Energy Level- 12 electrons 5th Energy Level- 2 electrons Total Sublevels: 10 Highest Energy Level: 5 Valence Electrons: 2 Dot Diagram: • • Mo

```
Orbital Diargram:
| 4p<sup>6</sup> | 5s<sup>2</sup> | 4d<sup>4</sup> | |
| [1] | [1] | [1] |
| [1] | | [1] |
| [1] | | [1] |
| [1] | | | [1] |
```

Partially Occupied Orbitals: 4

Press enter to return.

ELECTRON INFORMATION - ARSENIC Electron Config:1s²2s²2p⁶3s²3p⁶4s²3d¹⁰4p³ Energy Level Electron Amount: 1st Energy Level- 2 electrons 2nd Energy Level- 8 electrons 3rd Energy Level- 18 electrons 4th Energy Level- 5 electrons Total Sublevels: 8 Highest Energy Level: 4 Valence Electrons: 5 Dot Diagram: • • •As•

Orbital Diargram:

| 4s² | 3d¹0 | 4p³ |

| [n] | [n] | [↑] |

Partially Occupied Orbitals: 3

Press enter to return.

U.S. History

Block 6

Created a website that provides information on Western Expansion, also known as Manifest Destiny.

http://egblip.com/westexp

Fundamentals of Design

Block 7

Planned an event to celebrate
African History Month and inform
the public about the African culture.
Through tea.



Eva Hallstead-Williams and Emelia Blankenship



WHAT IS ELEPHANTY?

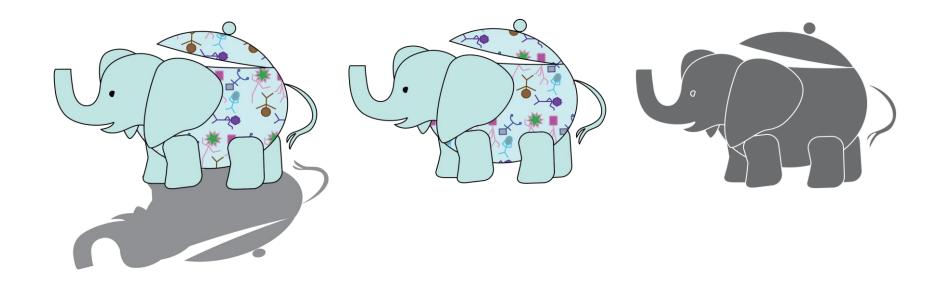
Our mission is to bring classic English-American tea parties alive in the most pristine fashion, for the less privileged citizens of Africa, home of the African Elephant. This will happen through celebrating the diversity of African Americans, by holding events where learning about their culture is encouraged.





This month we will sponsor Black History Month.



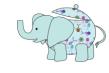






T-SHIRT







GIVE AWAY ITEM



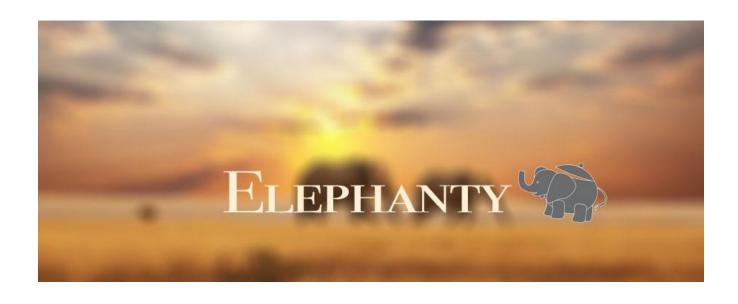


COLOR SCHEME

#2D3E8D	#2D3E8D	#7195F7	#86A9F5	#B7DAD6
#02020D	#29337B	#4A75E1	#6989EE	#86A1F7



WEB PAGE BANNER



Diversity

I learned that diversity effects all subjects and all people and is unavoidable. The flow of new ideas and new insights can benefit any field of work and even everyday life as we solve problems.