

To build a cross-platform application we decided to use React and JavaScript to build a native application. I don't have experience in React nor JS. It was a challenge to learn and used it during the development of the app. I run into some problem with styling and layouts of the page. Causing of errors (screen, buttons, layout, CSS) to not functioning properly. Luckily there are react-native docs that I can go through and read. Plus, I have a hand on courses that I can refer to. Using the google to solve the most basic questions to help build the page. Me and Dan worked together using 2 brains to solve the errors that were happening. We learned a lot of new things while solving the errors. While solving those errors we did a lot of researching and has increase our knowledge.

For example, we were having hard time trying to get the image header to align correctly. The image will align, but it will push all the other items off the screen. It took us a while to find a solution. But in the end, we found one that does the trick. Using simple CSS and height management I was able to solve it. And allow all the other function in the screen to work properly. (Etc. buttons).

```
const MenuScreen = props => {
  return (
    <View style = {styles.screen} >

      {/* Setting up Image Header */}
      <View style = {styles.coverImage} >

        <ImageBackground
          style = {{width: '100%', height: '100%',}} blurRadius = {3}
          source = {require('../assets/MenuHeader.jpg')} >

          {/* Setting up Text Header */}
          <View style = {styles.textView} >
            <Text style = {styles.imageText}>{props.title}</Text>
          </View>
        </ImageBackground>
      </View>

      <View style = {styles.row} >
```

All over it was the problem with styling the layout. This is what Me and Dan can come up with that works perfectly now. But I believe that there is a better way. And I am still testing it out.

Doing more researching and finding YouTube videos tutorial will help me make this apps better and progress quicker.

```
const styles = StyleSheet.create({
  screen: {
    flex: 1,
    alignItems: 'center',
    backgroundColor: '#E5E5E5',
  },
  coverImage: {
    width: '100%',
    height: 150,
    alignItems: 'center',
    justifyContent: 'center',
    display: 'flex',
  },
  imageText: {
    fontSize: 25,
    fontWeight: 'bold',
    color: 'fff',
  },
  textView: {
    display: 'flex',
    justifyContent: 'center',
    alignItems: 'center',
    top: 80,
    left: 0,
    right: 0,
    bottom: 0,
  },
});
```

This is what we have so far while trying to get the layout situated. Our next goal is to finish building this main page and then add the functionality to it.



Tabor College

BUTTON1

Canvas

BUTTON2

Student Life

BUTTON3

Dining

BUTTON4

Athletics