

A decorative graphic on the left side of the slide. It consists of a blue parallelogram and a light green parallelogram, both tilted at an angle. The blue shape is in the foreground, and the green shape is partially behind it. They are set against a dark blue background with diagonal stripes.

Components and Layout

Week 2



Review Setup Process

1. Download Expo from the App store
2. Download node from nodejs.org
3. `npm install -g npm@4`
4. `npm install -g create-react-native-app`
`create-react-native-app AwesomeProject`
`cd AwesomeProject`
`npm start`
- 5.



Final Project

- Required to build a simple working app
- Rules:
 - Involve a database or at least one integration not covered:
 - Facebook Login, Mapkit, Stripe API, Animations, etc...
 - Must have at least 5 screens
 - Assume you have a NEW start-up idea. Let this be a first step!
 - New social media idea, improved productivity app, supporting a new trend (crypto watcher app), ...
 - Simple is OK! but it must be polished/ aesthetic/ NO BUGS
- Checkpoint Due Date: **March 6th**
- Due Date: **May 1st**



Components

Importable elements that make up the page!

```
Import { Text, View, Button , ... } from 'react-native';  
render(){  
  return(  
    <View>  
      <Text> Hello World </Text>  
    </View>  
  );  
}
```

Modeled after HTML elements like div, text, img

App Components: Header

- Navigation bar on top of most apps





Styling

- Height: <Float>
- backgroundColor: <String>
- alignItems: <String>
- justifyContent: <String>
- flex: <Float>
- flexDirection: <String>
-

```
const styles = StyleSheet.create({
  container: {
    flex: 1,
    flexDirection: 'column',
    backgroundColor: '#fff',
    // alignItems: 'center',
    justifyContent: 'center',
  },
  text:{

  },
  body:{
    flex:1,
    backgroundColor:'red'
  }
});
```



Navigator Icons

Installation:

- `npm install --save react-native-vector-icons`
- `npm install`

Link: <http://oblador.github.io/react-native-vector-icons/>



Props

Arguments that are passed components to define attributes

App.js:

```
<Header title='MyApp' />
```

title is a prop of <Header/> just like *style* is a prop for <View/>

Header.js:

```
<Text>  
  {this.props.title}  
</Text>
```