**REACT JS**

I used JSX to load the classes in react js.

Looking into the index.html, we can deduce the following.

The entry point of the application. Its load the first screen (10 MINUS)

//The first DOM render. This function starts the app  
// Screen 1 means the home page  
**var** screens = ReactDOM.render(  
 <Screens screen="1" />  
 ,  
 document.getElementById('root')  
);

**SCREEN REGULATOR (SWITCH) <Not a page, more like a route> (3 HOURS)**

It’s the class that determine which screen to show.

//SWITCH BETWEEN SCREENS/PAGES  
**class** Screens **extends** React.Component{  
 **constructor**(props){  
 **super**(props);  
 **this**.state = {screen: **this**.props.screen, answers: props.answers || []};  
 }  
 ……..

}

**SCREEN 1 (HOMEPAGE) (3 hours)**

// Class that renders/load the homepage  
**class** HomePage **extends** React.Component{  
 **constructor**(props){  
 **super**(props);  
 }

……

}

**SCREEN 2 (QUESTION PAGE) <10 hours>**

This is the class that display both questions.

this.phase is in charge of determining whether the Question to display is for **My View of Me** or **Organizational Colonoscopy.**

//Display Questions Page  
**class** Questions **extends** React.Component{  
 **constructor**(props){  
 **super**(props);  
 **if**(!props.answers[40]){  
 props.answers[40] = 1;  
 }  
 //get the answers from one the calling class  
 **this**.state = {answers: props.answers, is\_clicked: **false**};  
 **this**.phase = **this**.state.answers[40] === 1?1:2;  
 }

…………

}

**Functions in this class (Screen 2)**

Handleclick save the answer clicked for a particular question.

ComputeQuestionIndex: Function to determine how to save the answer base the phase type

//Handle the button click event  
handleClick(question\_id, myanswer, phase){  
 **var** all\_ans = **this**.state.answers;  
 all\_ans[**this**.computeQuestionIndex(question\_id, phase)] = myanswer;  
 **this**.setState({answers: all\_ans})  
}  
  
//Compute the question index using question phase number  
computeQuestionIndex(question\_id,phase){  
 **return** phase === 1?question\_id:question\_id+20;  
}

**SCREEN 3 (ANSWER PAGE) <7 hours>**

Show answers page for both questions

//ANSWER PAGE: Show answer page  
**class** Answer **extends** React.Component{  
 **constructor**(props){  
 **super**(props);  
 **this**.phase = props.answers[40];  
 **this**.answers = props.answers;  
 }

…….

}

**SCREEN 4 (FINAL ANSWER PAGE) <5 hours>**

This is the class that compute and load the final question.

//ANSWER PAGE: Show answer  
**class** AnswerAll **extends** React.Component{  
 **constructor**(props){  
 **super**(props);  
 **this**.answers = props.answers || [];  
 **this**.answer1 = 0;  
 **this**.answer2 = 0;  
 **this**.calculateScore();  
 }

………..

}

**PLEASE CHECK THE HTML CODE FOR MORE DETAILS ON SOME OF THE FUNCTIONS INSIDE THE CLASSES**