Q-1 : How do you create Nested Routes react-router-dom configuration ?

Ans : by creating children routing array of parent route.

Q-2 : What is the order of life cycle method calls in Class Based Components ?

Ans : Constructor -> render -> ComponentDidMount -> ComponentDidUpdate -> ComponetWillUnmount

( setState => force to re-render the component )

Q-3 : Why do we use componentDidMount ?

Ans : To do something after the intial render. Ex- call API.

Q-4 : Why do we use componentWillUnmount ?

Ans : To do something after component remove(unmount) from the screen. Ex – clean up functions.

Q-5: (Research) Why do we use super(props) in constructor?

Ans : a. In React, it is used to call ‘Constructor’ of parent class (React.component).

b. It allows child component to inherit the properties and methods of parent class.

c. It allows parent component to access the props of child component.

d. If we omit super(props), the this.props object in component might be undefined in the

constructor, leading to unexpected behavior.

Q-6: (Research) Why can't we have the callback function of useEffect async?

Ans : If callback function is async , it will return promise , returned promise will interfere with cleanup process. React does not wait to resolve promise before moving on cleanup phase, lead to potentially resulting in incomplete cleanup.

*React Life Cycle Method Diagram :*  <https://projects.wojtekmaj.pl/react-lifecycle-methods-diagram/>

Note : ***Formik*** ***library*** : to handle large forms