

S1: Project and Files

```
C:\demo\jsmarch24\L11>npx create-react-app p1_ss_app
C:\demo\jsmarch24\L11>cd p1_ss_app
C:\demo\jsmarch24\L11\p1_ss_app>npm install firebase
C:\demo\jsmarch24\L11\p1_ss_app>cd src
C:\demo\jsmarch24\L11\p1_ss_app\src>notepad Success.js
C:\demo\jsmarch24\L11\p1_ss_app\src>notepad Firebase.js
C:\demo\jsmarch24\L11\p1_ss_app\src>cd..
C:\demo\jsmarch24\L11\p1_ss_app>npm start
```

S2: Coding**Success.js**

```
import { useState, useRef } from "react";
import db from "../Firebase";
import { ref, set } from "firebase/database";

function Success()
{
    const rName = useRef();
    const [name, setName] = useState("");
    const [company, setCompany] = useState("");
    const [pkg, setPkg] = useState("");
    const [msg, setMsg] = useState("");

    const hName = (event) => { setName(event.target.value); }
    const hCompany = (event) => { setCompany(event.target.value); }
    const hPkg = (event) => { setPkg(event.target.value); }

    const save = (event) => {
        event.preventDefault();
        let data = {name, company, pkg};
        let node = name + " --> " + new Date().toString();
        let r = ref(db, "student/" + node);
        set(r, data);
        setMsg("congrats");
        setName("");
        setCompany("");
        setPkg("");
        rName.current.focus();
    }
}
```



```
return(  
<>  
<center>  
  <h1> Success Story App </h1>  
  <form onSubmit={ save }>  
    <input type="text" placeholder="enter your name"  
      onChange={ hName } value={ name } ref={ rName }/>  
    <br/><br/>  
    <input type="text" placeholder="enter company name"  
      onChange={ hCompany } value={ company } />  
    <br/><br/>  
    <input type="number" step="any" placeholder="enter package"  
      onChange={ hPkg } value={ pkg } />  
    <br/><br/>  
    <input type="submit" />  
    <br/><br/>  
  </form>  
  <h2> { msg } </h2>  
</center>  
</>  
);  
}
```

```
export default Success;
```


Firestore.js

```
import { initializeApp } from "firebase/app";
import { getDatabase } from "firebase/database";

const firebaseConfig = {
  apiKey: "AlzaSyC5_48Ej2VCsfsMpoDlin43Mi2XFmZ7azk",
  authDomain: "ssapp27march24.firebaseio.com",
  databaseURL: "https://ssapp27march24-default-rtdb.firebaseio.com",
  projectId: "ssapp27march24",
  storageBucket: "ssapp27march24.appspot.com",
  messagingSenderId: "1052517698404",
  appId: "1:1052517698404:web:7d06f8743823b5157b4871"
};

const app = initializeApp(firebaseConfig);
const db = getDatabase(app);
export default db;
```

App.js

```
import logo from './logo.svg';
import './App.css';
import Success from './Success';

function App() {
  return (
    <Success/>
  );
}

export default App;
```

App.css

```
*
{
  font-size: 2vw;
}
body
{
  background-color: lightyellow;
}
```