MY FIRST REACT PROJECT

(SIMPLE USER RECORDS IN LOCAL STORAGE)

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Project github url - https://github.com/hashk99/react-basic-crud-functions-project
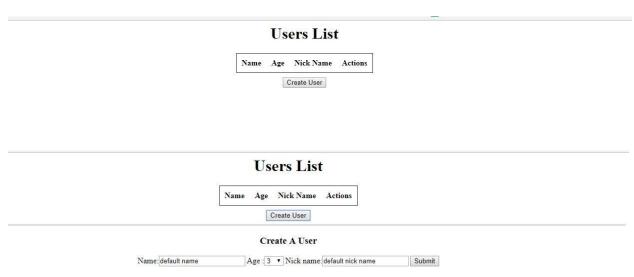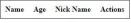

Explanations for used functions.

- App Component
  - Main component which used to render the app. I kept system configurations in an array which defined as APPDATA. I used props to pass this array in to App component and passed it to other child components using props.

- UsersTable Component

- The table view of the created users. This is the main child Component of the App class. It takes records from the localstorage and show as a table view.
- ViewCreateButton Component
  - I used this Component to view the create button which use to show the create user form.
- EditUser Component
  - This component used to show the edit form. It will trigger when you click an edit button of any of the user record from the table. After submitting this form it will automatically get hide.
- CreateUser Component
  - CreateUser Component used to show and submit a new user record. This will get view if you click on the create user button. If you click on that button again, this will get hide. There are options to print a default user details when create a new record.

SOME SCREENSHOTS

Users List

Name	Age	Nick Name	Actions

Create User

Users List

Name	Age	Nick Name	Actions

Create User

Create A User

Name: default name   Age : 3 ▾   Nick name: default nick name   Submit

Users List

Name	Age	Nick Name	Actions

Create User

Create A User

Name: John snow   Age : 5 ▼ Nick name: load of the north   Submit

Users List

Name	Age	Nick Name	Actions
John Snow	5	Load Of The North	Edit Delete

Create User

Create A User

Name: Emma watsom   Age : 9 ▼ Nick name: beauty   Submit

Users List

Name	Age	Nick Name	Actions
John Snow	5	Load Of The North	Edit Delete
Emma Watsom	9	Beauty	Edit Delete
Bill Gates	10	Billy	Edit Delete

Edit A User

Name: Emma watsom   Age : 9 ▼ Nick name: beauty   Update

Create User

Users List

Name	Age	Nick Name	Actions	
John Snow	5	Load Of The North	Edit	Delete
Emma Watson	2	Hogwatz	Edit	Delete
Bill Gates	10	Billy	Edit	Delete

Create User

```
55      }
56
57      //users table component
58      class UsersTable extends React.Component {
59
60          constructor(props, context) {
61              super(props, context);
62
63              this.state = {
64                  showEditForm: false, //show edit form
65                  editObject: null, //store current edit user object
66                  userIndex: null,  //selected user index to update
67              };
68
69              this.deleteUser = this.deleteUser.bind(this); //delete user function
70              this.editUser = this.editUser.bind(this); //edit user function
71              this.updateUser = this.updateUser.bind(this); //update user function
72          }
73
74          deleteUser (index) {
75              var records_from_locallstorage = JSON.parse(localStorage.getItem('user_records'));
76              records_from_locallstorage.splice(index, 1);
77              localStorage.setItem('user_records', JSON.stringify(records_from_locallstorage));
78              this.props.updateTable(); //call update users table view
79          }
80
81          editUser (index) {
82              var records_from_locallstorage = JSON.parse(localStorage.getItem('user_records'));
83              var selected_object = records_from_locallstorage[index];
84              if(selected_object != null){
85                  this.setState({ showEditForm: true, editObject: selected_object, userIndex: index });
86              }
87
88          }
89
90          updateUser (index, updatedUser) {
```