index.html

```html
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <title>EmberListView</title>
    <meta name="description" content="">
    <meta name="viewport" content="width=device-width, initial-scale=1">


    {{content-for "head"}}


    <link integrity="" rel="stylesheet" href="{{rootURL}}assets/vendor.css">
    <link integrity="" rel="stylesheet" href="{{rootURL}}assets/ember-list-view.css">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.7.2/css/all.min.css" integrity="sha512-Evv84Mr4kqVGRNSgIGL/F/aIDqQb7xQ2vcrdIwxfjThSH8CSR7PBEakCr51Ck+w+/U6swU2Im1vVX0SVk9ABhg==" crossorigin="anonymous" referrerpolicy="no-referrer" />


    {{content-for "head-footer"}}
  </head>
  <body>
    {{content-for "body"}}


    <script src="{{rootURL}}assets/vendor.js"></script>
    <script src="{{rootURL}}assets/ember-list-view.js"></script>


    {{content-for "body-footer"}}
  </body>
</html>
```

templates/application.hbs

```handlebars
{{#if this.isOverlayVisible}}

<div id="overlay"></div>

{{/if}}


<div class="container">

    <div class="searchDlt">

        <input type="text" id="search" placeholder="Search here..." {{on "keyup"
this.searchTable}}>

        <div>

            <button {{on "click" this.bulkDelete}} class="btn-cd dlt">Bulk Delete</button>

            <button {{on "click" this.openForm}} class="btn-cd"><i class="fa-solid fa-
pen"></i>Add Student</button>

        </div>

    </div>


    <StudentList @students={{this.students}} @deleteRow={{this.deleteRow}} />

</div>


{{#if this.isFormVisible}}

<StudentForm @addRow={{this.addRow}} @closeForm={{this.closeForm}} />

{{/if}}
```


components/student-form.hbs

```handlebars
<div id="formCont">

    <span id="close-btn" {{on "click" @closeForm}}><i class="fa-solid fa-circle-
xmark"></i></span>

    <input type="text" {{on "input" this.updateName}} placeholder="Enter Name">

    <input type="text" {{on "input" this.updateReg}} placeholder="Enter Reg No">
```

```hbs
    <input type="text" {{on "input" this.updateDept}} placeholder="Enter Department">

    <input type="text" {{on "input" this.updateClg}} placeholder="Enter College">

    <div>

      <button {{on "click" @closeForm}} class="btn-cd cancel">Cancel</button>

      <button {{on "click" this.createStudent}} class="btn-cd">Create</button>

    </div>

</div>
```

components/student-list.hbs

```hbs
<table id="table">

  <tr>

    <th>Select</th>

    <th>Name</th>

    <th>Reg No</th>

    <th>Department</th>

    <th>College</th>

    <th>Action</th>

  </tr>

  {{#each @students as |student|}}

  <tr>

    <td><input type="checkbox"></td>

    <td>{{student.name}}</td>

    <td>{{student.reg}}</td>

    <td>{{student.dept}}</td>

    <td>{{student.clg}}</td>

    <td><button {{on "click" (fn @deleteRow student.reg)}}><i class="fa-solid fa-trash"></i>Delete</button></td>

  </tr>
```

```handlebars
    {{/each}}
</table>
```

components/student-form.js

```javascript
import Component from '@glimmer/component';

import { action } from '@ember/object';

import { tracked } from '@glimmer/tracking';


export default class StudentFormComponent extends Component {

  @tracked name = '';

  @tracked reg = '';

  @tracked dept = '';

  @tracked clg = '';


  @action updateName(event) {

    this.name = event.target.value;

  }


  @action updateReg(event) {

    this.reg = event.target.value;

  }


  @action updateDept(event) {

    this.dept = event.target.value;

  }


  @action updateClg(event) {

    this.clg = event.target.value;
```

```
    }


    @action createStudent() {


      if(!this.name || !this.reg || !this.dept || !this.clg) {

        alert("Fill all the rows");

        return;

      }


      this.args.addRow({

        name: this.name,

        reg: this.reg,

        dept: this.dept,

        clg: this.clg

      });


      this.args.closeForm();

    }

}
```

controllers/application.js

```
import Controller from '@ember/controller';

import { action } from '@ember/object';

import { tracked } from '@glimmer/tracking';


export default class ApplicationController extends Controller {

  @tracked students = [

    {
```

```
      name:"Muhamad",
      reg:962821205034,
      dept:"IT",
      clg:"UCEN"
    },
    {
      name:"Abishek",
      reg:962821205003,
      dept:"IT",
      clg:"UCEN"
    },
    {
      name:"Aswin",
      reg:962821205016,
      dept:"IT",
      clg:"UCEN"
    },
    {
      name:"Ruban",
      reg:962821205047,
      dept:"CSE",
      clg:"UCEN"
    },
    {
      name:"Surya",
      reg:962821205038,
      dept:"CSE",
      clg:"UCEN"
```

```javascript
    },
  ];


  @tracked isFormVisible = false;

  @tracked isOverlayVisible = false;


  @action addRow(student) {

    this.students = [...this.students, student];

  }


  @action deleteRow(reg) {

    this.students = this.students.filter(student => student.reg !== reg);

  }


  @action bulkDelete() {

    let checkboxes = document.querySelectorAll("#table input[type='checkbox']:checked");

    if (!checkboxes.length) {

      alert("Select some rows to bulk delete");

      return;

    }


    checkboxes.forEach(checkbox => {

      let row = checkbox.parentElement.parentElement;

      this.deleteRow(row.cells[2].textContent);

      row.remove();

    });

  }
```

```
@action searchTable(event) {

    let input = event.target.value.toLowerCase();

    let rows = document.querySelectorAll("#table tr");


    rows.forEach((row, index) => {

      if (index === 0) return;

      row.style.display = row.innerText.toLowerCase().includes(input) ? "" : "none";

    });

  }


  @action openForm() {

    this.isFormVisible = true;

    this.isOverlayVisible = true;

  }


  @action closeForm() {

    this.isFormVisible = false;

    this.isOverlayVisible = false;

  }

}
```

styles/app.css

```
/* Ember supports plain CSS out of the box. More info:
https://cli.emberjs.com/release/advanced-use/stylesheets/ */

body {

  display: flex;

  justify-content: center;

  align-items: center;
```

```css
    height: 100vh;

    background-color: #e7e7e7;

    font-family: Arial, Helvetica, sans-serif;

}


#overlay {

    position: fixed;

    top: 0;

    left: 0;

    height: 100%;

    width: 100%;

    background: rgba(0, 0, 0, 0.3);

    z-index: 1000;

}


.container {

    display: flex;

    align-items: center;

    flex-direction: column;

    padding: 2rem;

    background-color: #f5f5f5;

    border-radius: 10px;

    width: 70%;

    height: 70vh;

    position: relative;

}


#formCont, table {
```

```css
        margin: 2rem;

    }


#formCont {

    display: flex;

    flex-direction: column;

    gap: 2rem;

    position: absolute;

    background-color: white;

    padding: 3rem;

    border-radius: 10px;

    width: 30%;

    z-index: 1001;

}


input {

    margin-right: 1rem;

    padding: 0.5rem 1rem;

    border: none;

    border-bottom: 1px solid #868686;

    background-color: #ffffff;

    outline: none;

}


input[type=text]:focus {

    border: none;

    border-bottom: 1px solid #868686;

}
```

```css
input[type=checkbox] {
    cursor: pointer;
}


table {
    background-color: #f3f3f3;
    border-radius: 10px;
    box-shadow: 3px 2px 10px #d3d3d3;
    width: 80%;
    border-collapse: collapse;
    color: #3e3e3e;
}


td,th {
    padding: 1rem;
    font-size: 14px;
    text-align: center;
}


tr {
    border-bottom: 1px solid rgb(182, 182, 182);
}


.btn-cd {
    padding: 0.5rem 1rem;
    border-radius: 20px;
    border: none;
```

```css
    background-color: #4f8091;

    color: white;

    cursor: pointer;

    font-size: 14px;

    margin-right: 10px;

}


.btn-cd i {

    font-size: 12px;

}


i {

    margin-right: 0.5rem;

}


.dlt {

    background-color: #ffdcdc;

    color: #d84949;

}


.cancel {

    background-color: white;

    color: black;

    border: 1px solid #9f9f9f;

}


button {

    background: transparent;
```

```css
    border: none;

    cursor: pointer;

    color: #d84949;

}


.searchDlt {

    width: 80%;

    display: flex;

    justify-content: space-between;

    align-items: center;

    margin: 1rem;

    gap: 1rem;

}


#search {

    width: 50%;

    height: 40%;

    padding: 10px;

    background-color: #f5f5f5;

}


#close-btn {

    cursor: pointer;

    position: absolute;

    top: 2rem;

    right: 2rem;

    color: #3e3e3e;

    font-size: 20px;
```

```
    }
```

package.json

```
  "ember-auto-import": "^2.10.0"
  "ember-cli": "~5.9.0",
  "ember-cli-app-version": "^7.0
```

```
"ember-source": "~5.9.0",
"ember-template-imports": "^4
```