Name: Shivani Swaminathan

Add.component.html:

```html
<h1>Student Information Registration portal</h1>
<mat-grid-list cols="2" rowHeight="300px">

  <mat-grid-tile>

   <div class="controls">

     <mat-form-field appearance="fill">

       <mat-label>Enter your email</mat-label>

       <input matInput placeholder="email" required>

       </mat-form-field>

      <mat-form-field appearance="fill">

       <mat-label>Enter username</mat-label>

       <input matInput placeholder="username" required>

       </mat-form-field>

     <mat-form-field appearance="fill">

        <mat-label>Enter your Father Name</mat-label>

        <input matInput placeholder="Fathername" required>

        </mat-form-field>

     <mat-form-field appearance="fill">

        <mat-label>Enter your Qualification</mat-label>

        <input matInput placeholder="Qualification" required>

      </mat-form-field>

    </div>

  </mat-grid-tile>

  <mat-grid-tile>

    <div class="controls">

      <mat-form-field appearance="fill">

       <mat-label>Enter your password</mat-label>

        <input matInput placeholder="password" required>
```

```html
          </mat-form-field>

          <mat-form-field appearance="fill">

             <mat-label>Enter your Mobile Number</mat-label>

             <input matInput placeholder="Mobile" required>

          </mat-form-field>

          <mat-form-field appearance="fill">

            <mat-label>Enter your Mother Name</mat-label>

            <input matInput placeholder="Mother Name" required>

          </mat-form-field>

        <div class="button-row">

           <button mat-raised-button color="primary">Registration</button>

           <button mat-raised-button color="accent">Clear Text</button>

        </div>

      </div>

 </mat-grid-tile>

</mat-grid-list>
```

View.component.html:

```html
<header>

   <div class="container">

     <a href="" routerlink="/">StudentInformation Portal</a>

     <nav>

       <ul>

          <li><a (click)="openDialog()">Register</a></li>

       </ul>

     </nav>

   </div>

</header>

<table mat-table [dataSource]="dataSource" class="mat-elevation-z8">
```

```html
<!--- Note that these columns can be defined in any order.

    The actual rendered columns are set as a property on the row definition" -->


<!-- Position Column -->
<ng-container matColumnDef="position">
  <th mat-header-cell *matHeaderCellDef> No. </th>
  <td mat-cell *matCellDef="let element"> {{element.position}} </td>
</ng-container>


<!-- Name Column -->
<ng-container matColumnDef="name">
  <th mat-header-cell *matHeaderCellDef> Name </th>
  <td mat-cell *matCellDef="let element"> {{element.name}} </td>
</ng-container>


<!-- Weight Column -->
<ng-container matColumnDef="Qualification">
  <th mat-header-cell *matHeaderCellDef> Qualification </th>
  <td mat-cell *matCellDef="let element"> {{element.Qualification}} </td>
</ng-container>


<!-- Symbol Column -->
<ng-container matColumnDef="email">
  <th mat-header-cell *matHeaderCellDef> Email </th>
  <td mat-cell *matCellDef="let element"> {{element.email}} </td>
</ng-container>
```

```html
    <tr mat-header-row *matHeaderRowDef="displayedColumns"></tr>

    <tr mat-row *matRowDef="let row; columns: displayedColumns;"></tr>

  </table>
```

Material-design.module.ts:

```typescript
import { NgModule } from '@angular/core';

import { CommonModule } from '@angular/common';

import{MatInputModule} from '@angular/material/input';

import{MatDialogModule} from '@angular/material/dialog';

import{MatGridListModule} from '@angular/material/grid-list';

import{MatFormFieldModule} from '@angular/material/form-field';

import{MatButtonModule} from '@angular/material/button';

import {MatTableModule} from '@angular/material/table';

import {MatToolbarModule} from '@angular/material/toolbar';

@NgModule({

  declarations: [],

  imports: [

CommonModule,

MatInputModule,

 MatDialogModule,

    MatGridListModule,

    MatFormFieldModule,

    MatButtonModule,

    MatTableModule,

    MatToolbarModule

  ],


exports :[

  MatInputModule,
```

```typescript
    MatDialogModule,

    MatGridListModule,

    MatFormFieldModule,

    MatButtonModule,

    MatTableModule,

    MatToolbarModule

]

})

export class MaterialDesignModule{}
```

View.component.ts:

```typescript
import { Component, OnInit } from '@angular/core';

import { MatDialog,MatDialogConfig,MAT_DIALOG_DATA} from '@angular/material/dialog';

import { AddComponent } from '../add/add.component';


export interface PeriodicElement {

  name: string;

  position: number;

  Qualification: string;

  email: string;

}


const ELEMENT_DATA: PeriodicElement[] = [

  {position: 1, name: 'Vanthiyadevan', Qualification: "BE", email: 'H'},

  {position: 2, name: 'Kundavai', Qualification: "MS", email: 'He'},

  {position: 3, name: 'Arulmozhi Varman', Qualification: "B.Tech", email: 'Li'},

  {position: 4, name: 'Vanathi', Qualification: "MBA", email: 'Be'},

  {position: 5, name: 'Nambi', Qualification: "PHD", email: 'B'},

];
```

```
@Component({

  selector: 'app-view',

  templateUrl: './view.component.html',

  styleUrls: ['./view.component.css']

})

export class ViewComponent implements OnInit {

  displayedColumns: string[] = ['position', 'name', 'Qualification', 'email'];

  dataSource = ELEMENT_DATA;

  constructor(public dialog:MatDialog) { }



  ngOnInit(): void {


  }

  openDialog(){

    const configDia=new MatDialogConfig();

    configDia.width="80%";

    configDia.autoFocus=true;

    configDia.disableClose=true;

    this.dialog.open(AddComponent,configDia)

  }


}
```

App.component.html:

```
<app-view></app-view>
```

StudentInformation Portal

Register

No.	Name	Qualification	Email
1	Vanthiyadevan	BE	H
2	Kundavai	MS	He
3	Arulmozhi Varman	B.Tech	Li
4	Vanathi	MBA	Be
5	Nambi	PHD	B

StudentInformation Portal

Register

No.	Name	Qualification	Email
1			
2			
3			
4			
5			

Student Information Registration portal

Enter your email *
email

Enter your password *

Enter username *

Enter your Mobile Number *

Enter your Father Name *

Enter your Mother Name *

Enter your Qualification *

Registration **Clear Text**