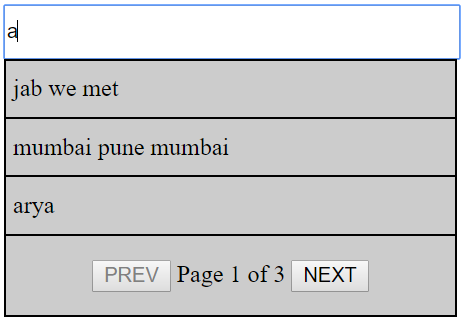
Component Name: Autocomplete with pagination

Author: pramod lad

Date: 5/3/2018

**Component Screen-Shot:**



**Prerequisites:**

1. Node JS 6.0 or later

**Steps to start the angular application:**

1. Open Command Prompt.
2. Go to the folder directory ‘Reusable Component - Autocomplete with pagination - Pramod Lad’.
3. Run ‘**npm install**’, after the all the components have being installed.
4. Run ‘**npm run ng serve**’ to compile the angular application.
5. Once successfully compiled it will start the app in <http://localhost:4200>.
6. And you can see the component 😊

**Component Features:**

Autocomplete with pagination takes below parameters to work:

1. Array - Required for Autocomplete functionality.
2. curPage - specifies the active page of pagination.
3. pageSize - specifies no of items need to show on each page.

**Component HTML to be included:**

|  |
| --- |
| <app-autocomplete-pagination></app-autocomplete-pagination> |

**Angular Code for the Component:**

|  |
| --- |
| **autocomplete-pagination.component.html** |
| <div class="paginationWrapper">    <div class="container">  <!--autocomplete box-->  <input type="text" class="searchBox" [(ngModel)]="searchText" (keyup)="funcShowResultBox()" placeholder="search movie">  <!--autocomplete box-->  <!--resultbox starts-->  <div class="resultBoxWrapper" \*ngIf="showResultBox">  <!--autocomplete result list starts-->  <div \*ngFor="let movie of updatedMovies" class="resultItem" (click)="itemClick(movie.title)">  {{movie.title}}  </div>  <!--autocomplete result list ends-->  <!--pagination starts-->  <p class="pagination">  <button [disabled] ="curPage == 1" (click)="prev()">PREV</button>  <span>Page {{curPage}} of {{totalPages}}</span>  <button [disabled] = "curPage >= totalPages"  (click) ="next()">NEXT</button>  </p>  <!--pagination ends-->    </div>  <!--resultbox ends-->  <!--showing selected results-->  <div class="selectedValue" \*ngIf="searchText">Selected movie name is {{searchText}}</div>  <!--showing selected results-->  <div class="selectedValue" \*ngIf="!searchText">No movie selected</div>    </div>  </div> |

|  |
| --- |
| **autocomplete-pagination.component.css** |
| .paginationWrapper .container{  position:relative;  width:300px;    }  .paginationWrapper .searchBox{  width:300px;  height: 30px;  }  .paginationWrapper .resultBoxWrapper{  border: 1px solid;  background: #ccc;  height: auto;  position:absolute;  width:100%;    }  .paginationWrapper .resultItem{  padding:10px 5px 10px 5px;  border-bottom: 1px solid;  }  .resultBoxWrapper .pagination{  text-align:center;  }  .selectedValue{  margin:15px 0px 0px;  } |

|  |
| --- |
| **autocomplete-pagination.component.ts** |
| import { Component, OnInit } from '@angular/core';  import { FilterPipe } from '../filter.pipe';  @Component({  selector: 'app-autocomplete-pagination',  templateUrl: './autocomplete-pagination.component.html',  styleUrls: ['./autocomplete-pagination.component.css'],  providers: [FilterPipe]  })  export class AutocompletePaginationComponent implements OnInit {  constructor(private filter: FilterPipe) { }  searchText;  showResultBox = false;//hide resultbox  //movies object array  movies = [  {  name: "jab we met",  title: "jab we met"  },  {  name: "mumbai pune mumbai",  title: "mumbai pune mumbai"  },  {  name: "dhkmn",  title: "dhkmn"  },  {  name: "arya",  title: "arya"  },  {  name: "barfi",  title: "barfi"  },  {  name: "banvabanvi",  title: "banvabanvi"  },  {  name: "Mohabattein",  title: "Mohabattein"  }  ];  updatedMovies = [];  curPage = 1; //current page in pagination  pageSize = 3; //total no of pages in pagination  totalPages;    numberOfPages() {  this.curPage = 1;  this.totalPages = Math.ceil(this.updatedMovies.length / this.pageSize); //returns total pages  };    funcShowResultBox = function () {  this.showResultBox = true; //shows resultbox    this.updatedMovies = this.filter.transform(this.movies, this.searchText);  this.numberOfPages();  this.updatedMovies = this.updatedMovies.slice(((this.curPage \* this.pageSize) - this.pageSize), (this.curPage \* this.pageSize))    }    itemClick = function (itemValue) {  this.searchText = itemValue;  this.showResultBox = false;  }  prev() {  this.curPage = this.curPage - 1;  this.updatedMovies = this.filter.transform(this.movies, this.searchText).slice(((this.curPage \* this.pageSize) - this.pageSize), (this.curPage \* this.pageSize));  }  next() {  this.curPage = this.curPage + 1;  this.updatedMovies = this.filter.transform(this.movies, this.searchText).slice(((this.curPage \* this.pageSize) - this.pageSize), (this.curPage \* this.pageSize));  }  ngOnInit() {  }  } |

|  |
| --- |
| **app.module.ts** |
| import { NgModule } from '@angular/core';  import { FormsModule } from '@angular/forms';  import { BrowserModule } from '@angular/platform-browser';  import { AppComponent } from './app.component';  import { FilterPipe }from './filter.pipe';  import { AutocompletePaginationComponent } from './autocomplete-pagination/autocomplete-pagination.component';  @NgModule({  declarations: [  AppComponent, FilterPipe, AutocompletePaginationComponent  ],  imports: [  BrowserModule,  FormsModule  ],  providers: [],  bootstrap: [AppComponent]  })  export class AppModule { } |