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## Overview

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The web application ENGLISH STOPWORD FILTER is an app where we can filter english stop words from a given todo input. This app has CRUD system too for the todo list. This app is built using react js, redux with javascript at mongodb and noodmon server. The url for the app is <http://localhost:7777/index.html#> . This app is runnable at local server system only.

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## SETUP AND USE

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### STEP1:

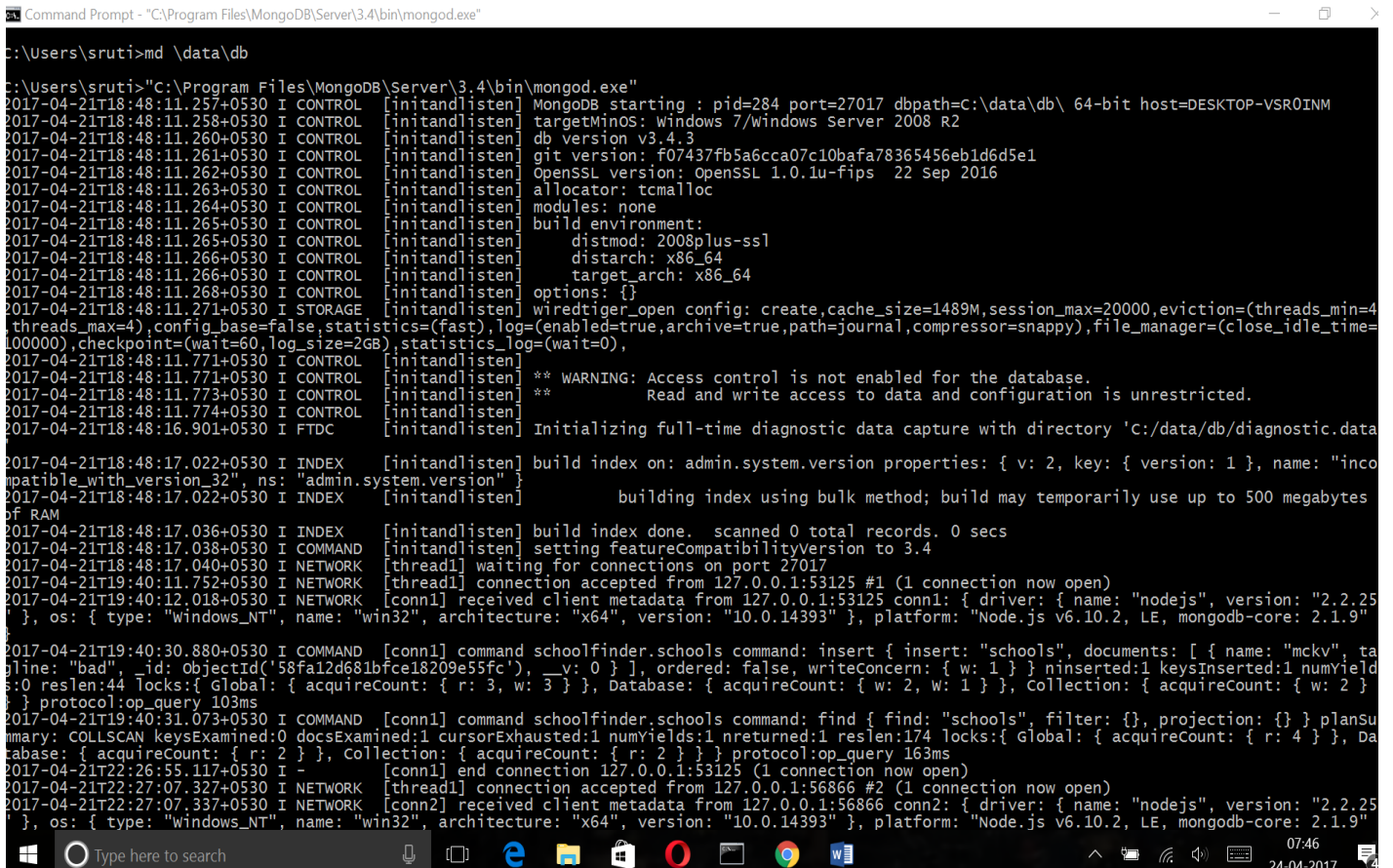
Download and extract the zipfile

### STEP2:

Download and install git , mongodb , node, stanford-corenlp-full2015-12-09 and extract them

### Step3:

Open a new command prompt and type 'md \data\db' to run mongodb server



```
c:\Users\srtuti>md \data\db
c:\Users\srtuti>"C:\Program Files\MongoDB\Server\3.4\bin\mongod.exe"
2017-04-21T18:48:11.257+0530 I CONTROL [initandlisten] MongoDB starting : pid=284 port=27017 dbpath=C:\data\db\ 64-bit host=DESKTOP-VSR0INM
2017-04-21T18:48:11.258+0530 I CONTROL [initandlisten] targetMinOS: Windows 7/Windows Server 2008 R2
2017-04-21T18:48:11.260+0530 I CONTROL [initandlisten] db version v3.4.3
2017-04-21T18:48:11.261+0530 I CONTROL [initandlisten] git version: f07437fb5a6cca07c10bafa78365456b1d6d5e1
2017-04-21T18:48:11.262+0530 I CONTROL [initandlisten] OpenSSL version: OpenSSL 1.0.1u-fips 22 Sep 2016
2017-04-21T18:48:11.263+0530 I CONTROL [initandlisten] allocator: tcmalloc
2017-04-21T18:48:11.264+0530 I CONTROL [initandlisten] modules: none
2017-04-21T18:48:11.265+0530 I CONTROL [initandlisten] build environment:
2017-04-21T18:48:11.265+0530 I CONTROL [initandlisten]   distmod: 2008plus-ssl
2017-04-21T18:48:11.266+0530 I CONTROL [initandlisten]   distarch: x86_64
2017-04-21T18:48:11.266+0530 I CONTROL [initandlisten]   target_arch: x86_64
2017-04-21T18:48:11.268+0530 I CONTROL [initandlisten] options: {}
2017-04-21T18:48:11.271+0530 I STORAGE [initandlisten] wiredtiger_open config: create,cache_size=1489M,session_max=20000,eviction=(threads_min=4
,threads_max=4),config_base=false,statistics=(fast),log=(enabled=true,archive=true,path=journal,compressor=snappy),file_manager=(close_idle_time=
100000),checkpoint=(wait=60,log_size=2GB),statistics_log=(wait=0),
2017-04-21T18:48:11.771+0530 I CONTROL [initandlisten] ** WARNING: Access control is not enabled for the database.
2017-04-21T18:48:11.773+0530 I CONTROL [initandlisten] **      Read and write access to data and configuration is unrestricted.
2017-04-21T18:48:11.774+0530 I CONTROL [initandlisten]
2017-04-21T18:48:16.901+0530 I FTDC [initandlisten] Initializing full-time diagnostic data capture with directory 'C:/data/db/diagnostic.data
2017-04-21T18:48:17.022+0530 I INDEX [initandlisten] build index on: admin.system.version properties: { v: 2, key: { version: 1 }, name: "inco
patible_with_version_32", ns: "admin.system.version" }
2017-04-21T18:48:17.022+0530 I INDEX [initandlisten]           building index using bulk method; build may temporarily use up to 500 megabytes
of RAM
2017-04-21T18:48:17.036+0530 I INDEX [initandlisten] build index done. scanned 0 total records. 0 secs
2017-04-21T18:48:17.038+0530 I COMMAND [initandlisten] setting featureCompatibilityVersion to 3.4
2017-04-21T18:48:17.040+0530 I NETWORK [thread1] waiting for connections on port 27017
2017-04-21T19:40:11.752+0530 I NETWORK [thread1] connection accepted from 127.0.0.1:53125 #1 (1 connection now open)
2017-04-21T19:40:12.018+0530 I NETWORK [conn1] received client metadata from 127.0.0.1:53125 conn1: { driver: { name: "nodejs", version: "2.2.25
"}, os: { type: "Windows_NT", name: "win32", architecture: "x64", version: "10.0.14393" }, platform: "Node.js v6.10.2, LE, mongodb-core: 2.1.9"
}
2017-04-21T19:40:30.880+0530 I COMMAND [conn1] command schoolfinder.schools command: insert { insert: "schools", documents: [ { name: "mckv", ta
gline: "bad", _id: ObjectId('58fa12d681bfce18209e55fc'), __v: 0 } ], ordered: false, writeConcern: { w: 1 } } ninserted:1 keysInserted:1 numyield
s:0 reslen:44 locks:{ Global: { acquireCount: { r: 3, w: 3 } }, Database: { acquireCount: { w: 2, w: 1 } }, Collection: { acquireCount: { w: 2
} }, protocol:op_query 103ms
2017-04-21T19:40:31.073+0530 I COMMAND [conn1] command schoolfinder.schools command: find { find: "schools", filter: {}, projection: {} } plansu
mmary: COLLSCAN keysExamined:0 docsExamined:1 cursorExhausted:1 numYields:1 nreturned:1 reslen:174 locks:{ Global: { acquireCount: { r: 4 } }, Da
atabase: { acquireCount: { r: 2 } }, Collection: { acquireCount: { r: 2 } } } protocol:op_query 163ms
2017-04-21T22:26:55.117+0530 I - [conn1] end connection 127.0.0.1:53125 (1 connection now open)
2017-04-21T22:27:07.327+0530 I NETWORK [thread1] connection accepted from 127.0.0.1:56866 #2 (1 connection now open)
2017-04-21T22:27:07.337+0530 I NETWORK [conn2] received client metadata from 127.0.0.1:56866 conn2: { driver: { name: "nodejs", version: "2.2.25
"}, os: { type: "Windows_NT", name: "win32", architecture: "x64", version: "10.0.14393" }, platform: "Node.js v6.10.2, LE, mongodb-core: 2.1.9"
}
```

#### Step4:

Open a new command Prompt and do as follows to run nodeman server

1. Go to file location
2. Go to services folder at app-C:\Users\sruti\Downloads\stopword-filter-complete\stopword-filter-complete\app\ services  
And type `npm install stopwords`  
`npm install`
3. Go out from app folder by typing  
`cd ../`

```
Command Prompt - nodemon .\server\server.js
Microsoft Windows [Version 10.0.14393]
(c) 2016 Microsoft Corporation. All rights reserved.

C:\Users\sruti>cd Downloads
C:\Users\sruti\Downloads>cd stopword-filter-complete
C:\Users\sruti\Downloads\stopword-filter-complete>cd stopword-filter-complete
C:\Users\sruti\Downloads\stopword-filter-complete\stopword-filter-complete>cd app
C:\Users\sruti\Downloads\stopword-filter-complete\stopword-filter-complete\app>cd services
C:\Users\sruti\Downloads\stopword-filter-complete\stopword-filter-complete\app\services>npm install stopwords
C:\Users\sruti\Downloads\stopword-filter-complete\stopword-filter-complete\app\services>npm install
-- stopwords@0.1.1
npm WARN enoent ENOENT: no such file or directory, open 'C:\Users\sruti\Downloads\stopword-filter-complete\stopword-filter-complete\package.json'
npm WARN stopword-filter-complete No description
npm WARN stopword-filter-complete No repository field.
npm WARN stopword-filter-complete No README data
npm WARN stopword-filter-complete No license field.
C:\Users\sruti\Downloads\stopword-filter-complete\stopword-filter-complete\app\services>npm install
npm WARN enoent ENOENT: no such file or directory, open 'C:\Users\sruti\Downloads\stopword-filter-complete\stopword-filter-complete\package.json'
npm WARN stopword-filter-complete No description
npm WARN stopword-filter-complete No repository field.
npm WARN stopword-filter-complete No README data
npm WARN stopword-filter-complete No license field.
C:\Users\sruti\Downloads\stopword-filter-complete\stopword-filter-complete\app\services>cd ../
C:\Users\sruti\Downloads\stopword-filter-complete\stopword-filter-complete\app>cd ../
```

4. Type `bower install` at the location C:\Users\sruti\Downloads\stopword-filter-complete\stopword-filter-complete

```
Command Prompt - nodemon .\server\server.js
C:\Users\sruti\Downloads\stopword-filter-complete\stopword-filter-complete>bower install
C:\Users\sruti\Downloads\stopword-filter-complete\stopword-filter-complete>gulp
[08:01:14] Using gulpfile ~\Downloads\stopword-filter-complete\stopword-filter-complete\gulpfile.js
[08:01:14] Starting 'bundle'...
[08:01:18] Finished 'bundle' after 4.01 s
[08:01:18] Starting 'copy'...
[08:01:18] Finished 'copy' after 56 ms
[08:01:18] Starting 'default'...
Gulp completed...
[08:01:18] Finished 'default' after 134 μs
```

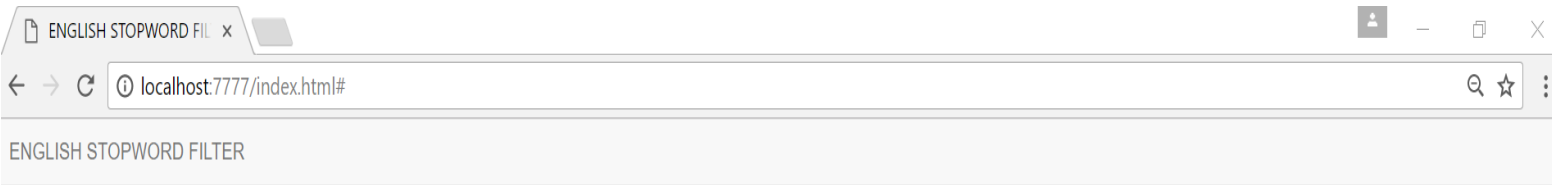
5. Type `gulp`
6. Type `nodemon .\server\server.js`

```
Command Prompt - nodemon .\server\server.js
Microsoft Windows [Version 10.0.14393]
(c) 2016 Microsoft Corporation. All rights reserved.

C:\Users\sruti>cd Downloads
C:\Users\sruti\Downloads>cd stopword-filter-complete
C:\Users\sruti\Downloads\stopword-filter-complete>cd stopword-filter-complete
C:\Users\sruti\Downloads\stopword-filter-complete\stopword-filter-complete>gulp
[08:43:11] Using gulpfile ~\Downloads\stopword-filter-complete\stopword-filter-complete\gulpfile.js
[08:43:11] Starting 'bundle'...
[08:43:16] Finished 'bundle' after 5.14 s
[08:43:16] Starting 'copy'...
[08:43:16] Finished 'copy' after 58 ms
[08:43:16] Starting 'default'...
Gulp completed...
[08:43:16] Finished 'default' after 140 μs
C:\Users\sruti\Downloads\stopword-filter-complete\stopword-filter-complete>nodemon .\server\server.js
[nodemon] 1.11.0
[nodemon] watching: *.* any time, enter 'rs'
[nodemon] starting 'node .\server\server.js'
Started listening on port 7777
```

## Step5:

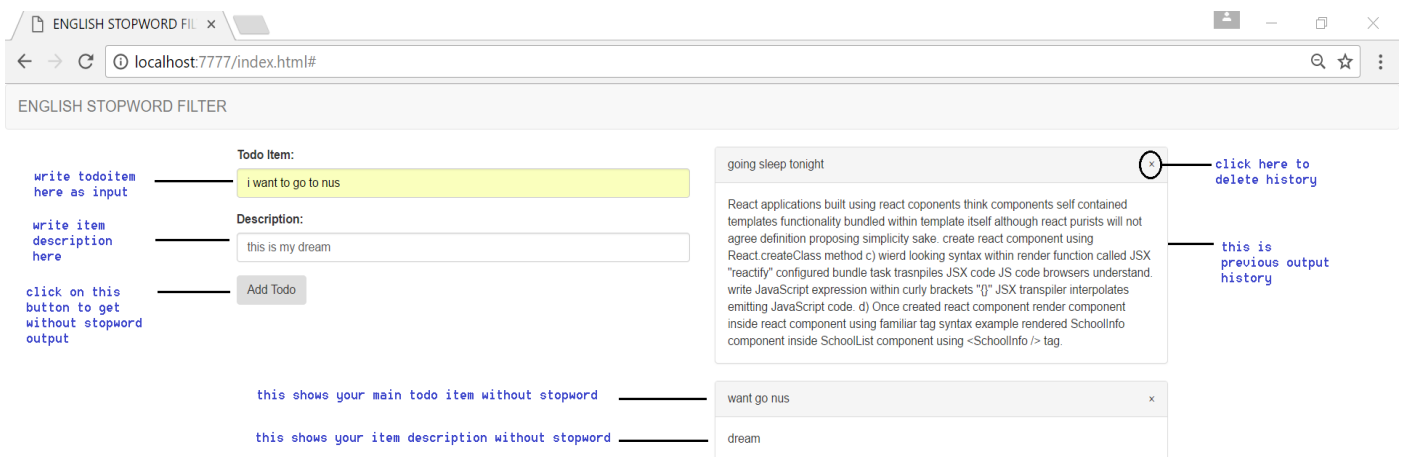
Type <http://localhost:7777/index.html#> in browser and open the web app

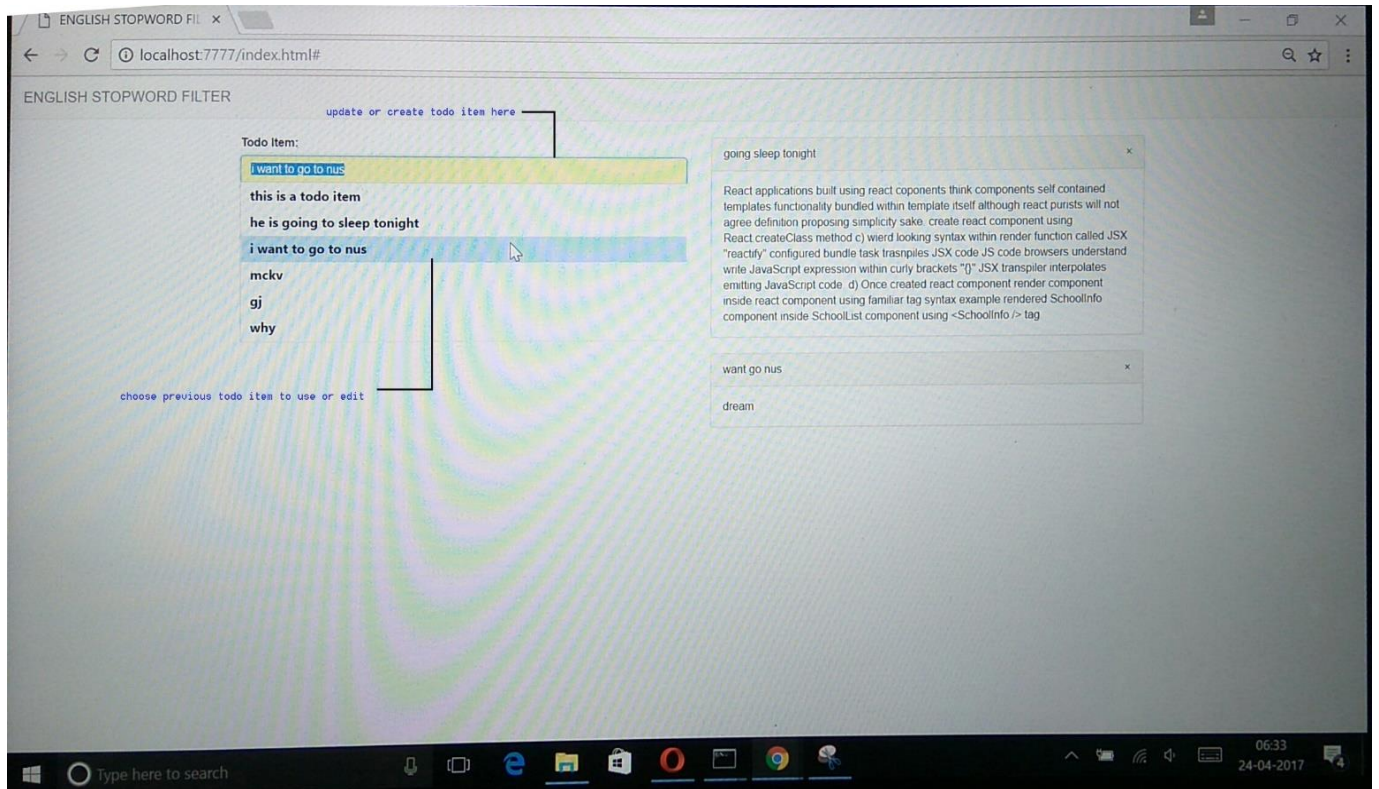


## UI Design

- The UI webdesign can be edited from the following files
  - stopword-filter-complete\stopword-filter-complete\app\index
  - stopword-filter-complete\stopword-filter-complete\app\dist\main
  - stopword-filter-complete\stopword-filter-complete\app\dist\index
  - stopword-filter-complete\stopword-filter-complete\app\components\AddSchool.jsx

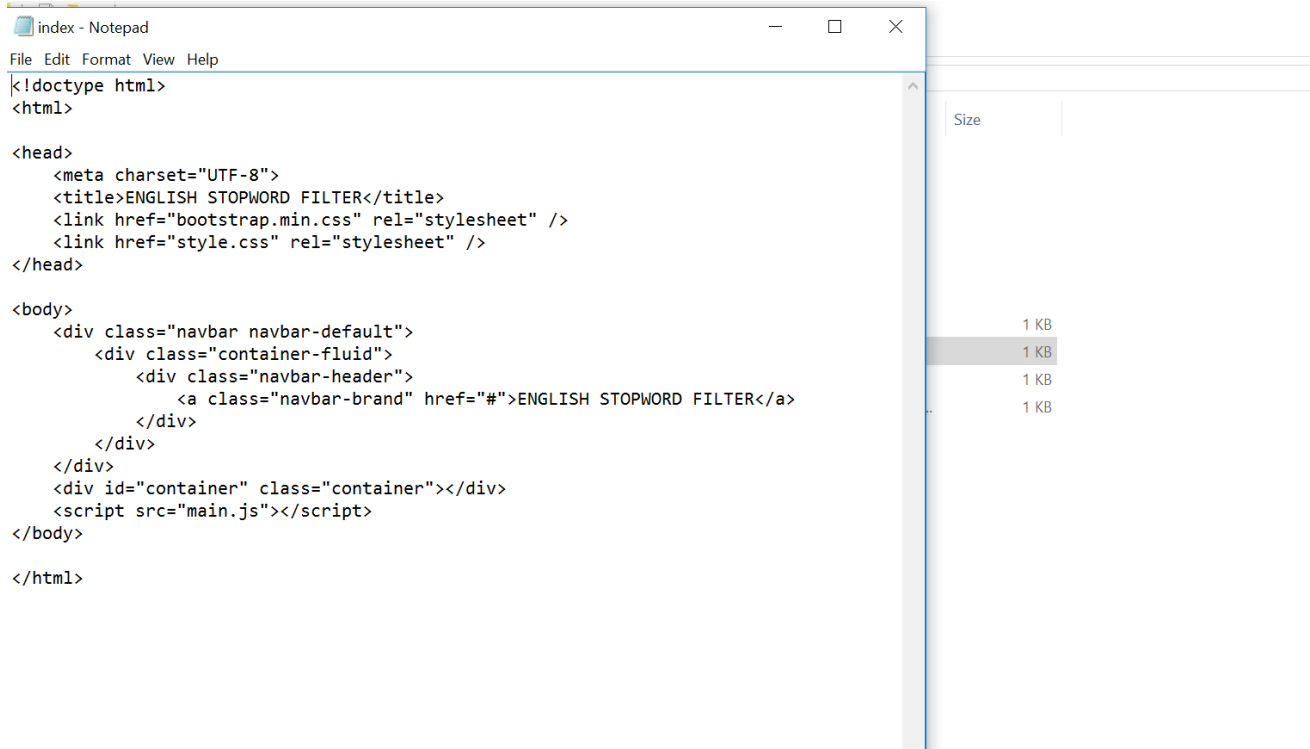
- The Designed windows is:





## Examples

1)



2)

```
main - Notepad
File Edit Format View Help

handleInputChange:function(e){
  e.preventDefault();
  var name = e.target.name;
  var state = this.state;
  state[name] = e.target.value;
  this.setState(state);
},
render:function(){
  return(
    React.createElement("form", {className: "form", onSubmit: this.addSchool},
      React.createElement("div", {className: "form-group"},
        React.createElement("label", {className: "control-label", htmlFor: "name"}, "Todo Item:"),
        React.createElement("input", {type: "text", className: "form-control", id: "name", name: "name", value: this.state.name, onChange: this.h
      ),
      React.createElement("div", {className: "form-group"},
        React.createElement("label", {className: "control-label", htmlFor: "tagline"}, "Description:"),
        React.createElement("input", {type: "text", className: "form-control", id: "tagline", name: "tagline", value: this.state.address, onChange
      ),
      React.createElement("div", {className: "form-group"},
        React.createElement("button", {className: "btn", type: "submit"}, "Add Todo")
      )
    )
  )
}
}),{"/actions/SchoolActions":1,"react":169,"stopword":170}],3:[function(require,module,exports){var React = require("react");
var actions = require("../actions/SchoolActions");

module.exports = React.createClass({displayName: "exports",
  deleteSchool: function(e){
    e.preventDefault();
    actions.deleteSchool(this.props.info);
  },
  render:function(){
    return(
      React.createElement("div", {className: "panel panel-default",
```

3)

```
AddSchool.jsx - Notepad
File Edit Format View Help

var React = require("react");
var sw = require("stopword");
var actions = require("../actions/SchoolActions");

module.exports = React.createClass({
  getInitialState:function(){
    return {
      name:"",
      tagline:""
    }
  },
  addSchool:function(e){
    e.preventDefault();
    var state1 = { name:"", tagline:"" };
    state1.name = sw.removeStopwords(this.state.name.split(" ").join().replace(/,/g, ' '));
    state1.tagline = sw.removeStopwords(this.state.tagline.split(" ").join().replace(/,/g, ' '));

    actions.addSchool(state1);
  },
  handleInputChange:function(e){
    e.preventDefault();
    var name = e.target.name;
    var state = this.state;
    state[name] = e.target.value;
    this.setState(state);
  },
  render:function(){
    return(
      <form className="form" onSubmit={this.addSchool}>
        <div className="form-group">
          <label className="control-label" htmlFor="name">Todo Item:</label>
          <input type="text" className="form-control" id="name" name="name" value={this.state.name} onChange={this.handleInputChange} p
        </div>
        <div className="form-group">
```

4)

ENGLISH STOPWORD FILTER

Todo Item:

The position is focused in assisting the Virtual Patient Project. Globally, many universi

Description:

this is his home there at india

Add Todo

want go nus

dream

position focused assisting Virtual Patient Project. Globally universities compelled changes education delivered explosive growth information coupled increasing student enrollments associated demands relevance skills competency training. YLL School Medicine massive changes underway rationalize curriculum re-strategize doctors trained. One important strategy healthcare education use computer-based simulation. Centre Healthcare Simulation (CHS) NUS medical education enhanced simulation technology innovation research. establishment CHS simulation teaching embedded 5 years medical school using mannequin-based standardized patient simulation. However limitations two simulation involve small number students one time faculty conduct repeated sessions. study propose develop implement Virtual Integrated Patient (VIP) simulator consists short segments videographed simulated patients (SP)s alternative branching scenarios choices interrogated primarily text choices made student interfere outcome well-being patient. video will interjected formative assessments student gauge level understanding. This totality allows self-exploratory learning students healthcare profession. Virtual patient simulation fewer resource constraints compared mannequin-based simulation. capable creating relatively high-fidelity simulation patients according scenarios designed specific learning objectives.

successful candidate will receive competitive remuneration package commensurate qualifications experience. appointment commence time will initially 6 months possibility extension year.

position focused assisting Virtual Patient Project. Globally universities compelled changes education delivered explosive growth information coupled increasing student enrollments associated demands relevance skills competency training. YLL School Medicine massive changes underway rationalize curriculum re-strategize doctors trained. One important strategy healthcare education use computer-based simulation. Centre Healthcare Simulation (CHS) NUS medical education enhanced simulation technology innovation research. establishment CHS simulation teaching

## REFERENCES

1. Main zip file-<https://www.codeproject.com/Articles/1068287/Part-Building-web-app-using-react-js-express-js-no>
2. Stopword array- <http://www.ranks.nl/stopwords>
3. Merntutorial- <https://github.com/bryantheastronaut/mernCommentBox>
4. ReactTutorial- [https://www.tutorialspoint.com/reactjs/reactjs\\_jsx.htm](https://www.tutorialspoint.com/reactjs/reactjs_jsx.htm)