

COM431

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Tables: **Results** and **Terminology**

COMMENT BANK

Tables to be focused on: Results and Terminology

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COVERAGE

All presented code was written from scratch.

MODEL

Basic CRUD operations called by the built-in static methods (::delete(), ::create()... etc), or extended because the use of table joins.

Comment.php (comment queries)

```
1 <?php
2 namespace App\Models;
3 use Illuminate\Support\Facades\DB;
4 use Illuminate\Support\Facades\Auth;
5 use Illuminate\Database\Eloquent\Factories\HasFactory;
6 use Illuminate\Database\Eloquent\Model;
7
8 class Comment extends Model
9 {
10     use HasFactory;
11
12     protected $fillable =
13     ['lastName', 'firstName', 'comment', 'tone', 'email', 'structureId'];
14
15     //Api Controller redirects here to query
16     //the response goes back to Api Controller
17
18     //get all comments
19     public function index($structureId=""){
20         $data = DB::table('comments')
21             ->join('sructures', 'comments.structureId',
22             '=', 'sructures.id')
23             ->select('comments.*', 'sructures.code', 'sructures.name')
24             ->orderBy('comments.structureId', 'asc')
25             ->orderBy('comments.id', 'desc');
26
27         if(Auth::check() == 0){
28             $data->where('isApproved', 1);
29         }
30
31         if($structureId != ""){
```

```

31         $data->where('structureId',$structureId);
32     }
33     $data = $data->get();
34     return $data;
35 }
36
37
38 //show one record
39 public function show($id){
40     $data = DB::table('comments')
41         ->join('sructures', 'comments.structureId',
42             '=' , 'sructures.id')
43         ->select('comments.*','sructures.code','sructures.name')
44         ->where('comments.id','=',$id)
45         ->get();
46     return $data;
47 }
48
49 //get the last record
50
51 public static function last(){
52     $data = DB::table('comments')
53         ->join('sructures', 'comments.structureId',
54             '=' , 'sructures.id')
55         ->select('comments.*','sructures.code','sructures.name')
56         ->orderBy('comments.created_at','desc')
57         ->first();
58     return $data;
59 }
60
61 public function deleteComment($id){
62     //delete a single comment
63     $deleted = Comment::find($id);
64     $deleted->delete();
65     return $deleted ? true : false;
66 }
67
68 function toggleApprove($id){
69     //approves a comment Auth check in ajax
70     $oldState = DB::table('comments')->where('id',$id)-
71 >get(['isApproved']);
72     $newState = $oldState[0]->isApproved == 1 ? 0 : 1;
73     DB::table('comments')->where('id',$id)
74     ->update(['isApproved' => $newState]);
75 }
76 }

```


Sidebar has displaying all the categories with the actual category counts.

Sidebar.php (generating sidebar with the structure counts)

```
1 <?php
2
3 namespace App\Models;
4
5 use Illuminate\Database\Eloquent\Factories\HasFactory;
6 use Illuminate\Database\Eloquent\Model;
7 use Illuminate\Support\Facades\DB;
8 use Illuminate\Support\Facades\Auth;
9
10 class Sidebar extends Model
11 {
12     use HasFactory;
13
14
15     //this model returns the structure items for dynamic rendering
16     //also, returns with a count of each structure items in the database
17
18
19     public function index(){
20         //return all sidebar items
21         $data = DB::table('structures')->get();
22         return $data;
23     }
24
25     public function getTopicCountArray(){
26         //return as counting all topics we have in the database
27         //[2,3,4,5,6,2,0,0,4,5]
28
29         $topicCount = [];
30
31         $approved = Auth::check() == 0 ? "where isApproved=1" : "";
32         $count = DB::select("SELECT structureId as id, COUNT(*) as count
FROM laravel.comments $approved group by structureId;");
33
34
35
36         return $count;
37
38     }
39 }
```

PHP Artisan Commands (model)

Php artisan make:migration Sidebar

Php artisan make:migration Comment

Php artisan migrate:fresh

SEEDER

The Comments were assembled in the seeder file.

CommentSeeder.php

```
1 <?php
2
3 namespace Database\Seeders;
4
5 use Illuminate\Database\Console\Seeds\WithoutModelEvents;
6 use Illuminate\Database\Seeder;
7 use Illuminate\Support\Facades\DB;
8 use Illuminate\Support\Str;
9
10 class CommentSeeder extends Seeder
11 {
12     /**
13      * Run the database seeds.
14      *
15      * @return void
16      */
17     public function run()
18     {
19
20         $categories = [];
21
22         //[comment,categoryId]
23
24         $terminology = [
25             ["Method, Mathematics and Proper Terminology",5],
26             ["The method/methodology has not been justified through
presentation of potential alternatives and resulting justification of the
selected method on a balanced and well reasoned basis.",5],
27             ["The method/methodology is not well reported and there is
insufficient detail and description; the reader should be able to follow
```


the reasoning and development and there should be adequate explanation and illustration in relation to the approach adopted.",5],

28 ["Important assumptions have not been addressed/stated.",5],

29 ["Fundamental flaws in methodology have been noted.",5],

30 ["Standard and well accepted approaches have not been adopted, without clear justification for avoiding these.",5],

31 ["The presentation of mathematics has clear deficiencies e.g. errors are present; wrong symbols have been used, Greek letters are absent or incorrect, subscripts and/or superscripts are missing; equation layout is flawed.",5],

32 ["Important equations/expressions have not been properly numbered in sequence.",5],

33 ["Key steps are missing in the development of equations/expressions.",5],

34 ["Excessive detail has been included in the development of equations/expressions.",5],

35 ["Units or symbols are not consistent with appropriate conventions e.g. such as the SI system of units.",5],

36 ["Abbreviations and/or acronyms do not follow normal conventions or have not been explicitly defined at the first mention.",5],

37 ["Results and Analysis",5],

38 ["Assumptions have not been clearly stated.",5],

39 ["There should be some tabular presentation of results.",5],

40 ["Graphs or graphical presentation have/has not been used as expected.",5],

41 ["The analysis of the results is too trivial in nature and a more detailed analysis was necessary (e.g. no confidence limits have been indicated).",5],

42 ["Too much has been read into the results and sweeping conclusions have been made, which are not fully justified.",5],

43 ["Statistical analysis aspects are flawed, e.g. they are incorrect, incomplete or inappropriately applied.",5],

44 ["There is insufficient discussion of results and it has been wrongly assumed that they speak for themselves.",5],

45 ["Anomalies are present in results which have not been properly discussed or commented upon.",5],

46 ["Presentation of results involves excessive repetition and an appendix should have been used for the bulk of the material, once the first example(s) had been shown.",5],

47 ["Irrelevant material has been included, which does not serve to enhance the presentation of results and/or related analysis.",5]];

48

49 \$results = [

50 ["Results and Analysis",6],

```

51         ["Assumptions have not been clearly stated.",6],
52         ["There should be some tabular presentation of
results.",6],
53         ["Graphs or graphical presentation have/has not been used
as expected.",6],
54         ["The analysis of the results is too trivial in nature and
a more detailed analysis was necessary (e.g. no confidence limits have
been indicated).",6],
55         ["Too much has been read into the results and sweeping
conclusions have been made, which are not fully justified.",6],
56         ["Statistical analysis aspects are flawed, e.g. they are
incorrect, incomplete or inappropriately applied.",6],
57         ["There is insufficient discussion of results and it has
been wrongly assumed that they speak for themselves.",6],
58         ["Anomalies are present in results which have not been
properly discussed or commented upon.",6],
59         ["Presentation of results involves excessive repetition and
an appendix should have been used for the bulk of the material, once the
first example(s) had been shown.",6],
60         ["Irrelevant material has been included, which does not
serve to enhance the presentation of results and/or related
analysis.",6]];
61     //array_push($categories,$spelling);
62     //array_push($categories,$structure);
63     //array_push($categories,$abstracts);
64     //array_push($categories,$introduction_material);
65     array_push($categories,$terminology);
66     array_push($categories,$results);
67     //array_push($categories,$conclusions);
68     //array_push($categories,$references);
69     //array_push($categories,$reflection);
70     //array_push($categories,$plagiarism);
71     //array_push($categories,$appendix);
72
73     //seeding the unapproved comments
74     //if your table is different, just tailor it
75     foreach($categories as $category){
76         for($i = 0; $i < count($category); $i++){
77             //change the table layout to fir yours
78             DB::table('comments')->insert([
79                 'comment'      => $category[$i][0],
80                 'firstName'    => "Alan",
81                 'lastName'     => "Webb",
82                 'created_at'    => now(),
83                 'updated_at'    => now(),
84                 'structureId'   => $category[$i][1],

```

```
85             'isApproved'    => 1,
//0 - not approved - 1 - approved
86             'email'         => "",
87             'tone'          => 0,
88         ]);
89     }
90 }
91
92     } //method
93 } //class
94
```

The second table which only contains a structure name, abbreviation and id

StructureSeeder.php

```
1 <?php
2
3 namespace Database\Seeders;
4
5 use Illuminate\Database\Seeder;
6 use Illuminate\Support\Facades\DB;
7 use Illuminate\Support\Str;
8
9 class StructureSeeder extends Seeder
10 {
11     /**
12      * Run the database seeds.
13      *
14      * @return void
15      */
16     public function run() {
17
18         //category names with codes
19         $data = [
20             ['Structure', 'ST'],
21             ['Abstracts', 'AB'],
22             ['Introduction Material', 'IN'],
23             ['Programming', 'PR'],
24             ['Terminology', 'TE'],
25             ['Results', 'RS'],
26             ['Conclusions', 'CO'],
27             ['Reflection', 'RF'],
28             ['References', 'RE'],
29             ['Appendix', 'AP'],
30             ['Spelling Mistakes', 'SP'],
31             ['Plagiarism', 'PL']
32         ];
33
34
35
36
37         for($i = 0; $i <count($data); $i++){
38             DB::table('structures')->insert([
39                 'name' => $data[$i][0],
40                 'code' => $data[$i][1],
41                 'created_at' => now(),
42                 'updated_at' => now(),
43             ]);
```

```
44     }
45
46     }
47 }
```

PHP Artisan Commands (Seeder)

Php artisan [db:seed](#) CommentSeeder

php artisan [db:seed](#) StructureSeeder

ROUTES

```
1 <?php
2 use Illuminate\Support\Facades\Route;
3 use App\Http\Controllers\CommentController;
4 use App\Http\Controllers\AjaxController;
5 use Illuminate\Support\Facades\Auth;
6
7 Route::get('/', [CommentController::class, 'index'])->name('Home');
8
9 //CRUD RELATED-----
10 //CREATE
11 Route::post('/comment', [AjaxController::class, 'create']);
12 //READ 1
13 Route::get('/comment/{id}', [AjaxController::class, 'show']);
14 //READ SOME
15 Route::get('/comment/cat/{id}', [AjaxController::class,
16 'getCommentsByStructureId']);
17 //READ ALL
18 Route::get('/comment', [AjaxController::class, 'all']);
19 //UPDATE
20 Route::patch('/comment/{id}', [AjaxController::class, 'update']);
21 //DELETE
22 Route::delete('/comment/{id}', [AjaxController::class, 'delete']);
23 //CRUD RELATED-----
24 //
25 Route::get('/lastcomment', [AjaxController::class, 'lastComment']);
26
27
28 Route::post('/toggleApprove', [AjaxController::class, 'toggleApprove']);
29
30 Route::get('/ip', function(){
31     //on config change, the docker's mysql ip change
32     //call this page to see your ip and set it in the .env
```

```

33     //file DB_HOST=x.x.x.x
34     dd(Request::ip());
35 });
36
37 Route::get('/contact', function(){
38     $data['cards'] = 3;
39     return view('home.contact', $data);
40 });
41
42 require __DIR__.'/auth.php';
43
44
45 Route::get('/isAuth', [CommentController::class, 'isAuth']);
46
47 Route::get('/logout', function(){
48     Auth::logout();
49     return redirect('/');
50 });
51
52 Auth::routes();
53
54 Route::get('/home', [App\Http\Controllers\HomeController::class,
55 'index']);
56
57 Route::get('/dashboard', function () {
58     return view('welcome');
59 }->middleware(['auth']->name('dashboard'));

```

COMMENTCONTROLLER

This Controller just renders the page index

CommentController.php

```

1  <?php
2
3  namespace App\Http\Controllers;
4
5  use App\Models\Comment;
6  use App\Models\Sidebar;
7  use App\Http\Controllers\AjaxController;
8  use Illuminate\Http\Request;
9  use Illuminate\Support\Facades\Auth;
10
11 class CommentController extends Controller{
12
13     //this is the main controller to display the site

```

```
14
15
16 //rendering all the comments and
17 //building the sidebar
18 public function index(){
19     //all comments
20     //$a = new AjaxController();
21     //$data['comments'] = $a->all();
22
23     //get sidebar elements
24     $sidebar = new Sidebar();
25     $data['sidebar'] = $sidebar->index();
26
27     //get the structure counts
28     $data['sidebarCount'] = $sidebar->getTopicCountArray();
29
30     return view('home.index', $data);
31 }
32
33 function isAuth(){
34     //check whether the user is logged in
35     if(Auth::check() == 1){
36         return 1;
37     }
38     else{
39         return 0;
40     }
41
42
43 }
44
45 }
```

AJAXCONTROLLER

Ajax Controller returns only JSON data.

AjaxController.php

```
1 <?php
2 namespace App\Http\Controllers;
3
4 use Illuminate\Http\Request;
5 use App\Models\Comment;
6 Use Illuminate\Support\Facades\Auth;
7
8 class AjaxController extends Controller {
9     //ajax controller always returns json datatype
10    //show returns all records
11    public function all(){
12        $c = new Comment();
13        $data = ['isAuth' => Auth::check(), 'comments' => $c->index()];
14        return response()->json($data,200);
15    }
16
17    //show one record
18    public function show($commentId){
19
20        $c = new Comment();
21        $result = $c->show($commentId);
22        return response()->json($result);
23    }
24
25    //create a record
26    public function create(Request $request){
27        $c = new Comment();
28        $request->validate([
29            'lastName' => 'min:3|max:25|required',
30            'firstName' => 'min:3|max:25|required',
31            'comment' => 'min:3|required',
32            'email' => 'min:3|max:25|required',
33            'tone' => 'required',
34            'structureId' => 'required'
35        ],
36        ['structureId' => 'Structure']
37    );
38
39
```



```

40     $c->lastName = $request->input('lastName');
41     $c->comment = $request->input('comment');
42     $c->structureId = $request->input('structureId');
43     $c->tone = $request->input('tone');
44     $c->email = $request->input('email');
45     $c->firstName = $request->input('firstName');
46     $c->created_at = now();
47     $c->updated_at = now();
48     $c->save();
49     $data = $c->all();
50     return response()->json($data);
51 }
52
53 //edit a post
54 public function update(Request $request){
55     $c = new Comment();
56
57     $request->validate([
58         'lastName' => 'min:3|max:25|required',
59         'firstName' => 'min:3|max:25|required',
60         'comment' => 'min:3|required',
61         'email' => 'min:3|max:25|required',
62         'tone' => 'required',
63         'structureId' => 'required'
64     ],
65     ['structureId' => 'Structure']
66     );
67
68     $data = [
69
70         "lastName" => $request->input('lastName'),
71         "comment" => $request->input('comment'),
72         "structureId" => $request->input('structureId'),
73         "tone" => $request->input('tone'),
74         "email" => $request->input('email'),
75         "firstName" => $request->input('firstName'),
76         "updated_at" => now();
77
78     $c->where('id',$request->input('commentId'))->update($data);
79     $updatedPost = $c->where('id',$request->input('commentId'))-
>get();
80
81     return response()->json($updatedPost,200);
82
83 }
84
85
86

```

```

87      //delete a record
88      public function delete($id){
89          $c = new Comment();
90          $result = $c->deleteComment($id);
91          $code = $result == true ? 200 : 400;
92          $data['message'] = $code == 200 ? "success" : "error";
93          $data = $c->index();
94          return response()->json($data,$code);
95      }
96
97      function lastComment(){
98          $c = new Comment();
99          return response()->json($c::last(),200);
100     }
101
102     function getCommentsByStructureId($id){
103         //returns just the selected category of comments
104         $c = new Comment();
105         return response()->json(['isAuth' => Auth::check(), 'comments'
=>$c->index($id)],200);
106     }
107
108     function toggleApprove(Request $request){
109         //approve a comment in the database
110         if(Auth::check() == 0){
111             return response()->json(['error','Not Authorized'],500);
112         }
113         $id = $request->input('id');
114         if($id){
115             $c = new Comment();
116             $c->toggleApprove($id);
117         }
118
119     }
120 }

```

Artisan Commands

Php artisan make:controller AjaxController

Php artisan make:controller CommentController

VIEWS

*.app.blade.php

```
1 <!DOCTYPE html>
2 <html lang="en">
3 @include('home.components.header')
4 <body>
5 @include('home.components.navbar')
6     @yield('content')
7 @include('home.components.footer')
8 </html>
```

*.header.blade.php

```
1 <head>
2 <title>@yield('title')</title>
3 <meta name="viewport" content="width=device-width, initial-scale=1,
maximum-scale=1">
4 <meta name="description" content="HTML5 skeleton index.html">
5 <meta name="keywords"
content="html5,skeleton,index,homepage,jquery,bootstrap">
6 <meta name="author" content="Arul John">
7 <link href="{{ asset('css/app.css') }}" rel="stylesheet">
8 <link href="{{ asset('css/mycss.css') }}" rel="stylesheet">
9 <meta name="csrf-token" content="{{ csrf_token() }}">
10 <script>
11
12     window.AuthUser = "{{{ (Auth::user()) ? Auth::user() : null }}}";
13
14 </script>
15 </head>
16
```

*.footer.blade.php

```
1
2 <!-- Latest compiled and minified JavaScript -->
3 <script src="{{ asset('js/app.js') }}" defer></script>
4 <script src="{{ asset('js/myapp.js') }}" defer></script>
5 </body>
```

*.navbar.blade.php

```
1 <nav class="navbar navbar-expand-lg navbar-dark bg-dark shadow fixed">
2     <a class="navbar-brand" href="/"><?php echo Auth::check() == 1 ?
"admin@" : "user@";?>@yield('title')</a>
3     <button class="navbar-toggler" type="button" data-
toggle="collapse" data-target="#navbarsExample05" aria-
controls="navbarsExample05" aria-expanded="false" aria-label="Toggle
navigation">
4         <span class="navbar-toggler-icon"></span>
5     </button>
6
7     <div class="collapse navbar-collapse" id="navbarsExample05">
8         <ul class="navbar-nav mr-auto">
9             <li class="nav-item active">
10                 <a class="nav-link" href="#">All <span class="sr-
only">(current)</span></a>
11             </li>
12             <li class="nav-item">
13                 <a class="nav-link" data-toogle="modal" data-
target="#newComment" href="#">Add a Comment</a>
14             </li>
15             @if(Auth::check())
16                 <li class="nav-item">
17                     <a class="nav-link" href="/logout">Logout</a>
18                 </li>
19             @else
20                 <li class="nav-item">
21                     <a class="nav-link" href="/login">Login</a>
22                 </li>
23             @endif
24             <li class="nav-item dropdown">
25                 <a class="nav-link dropdown-toggle"
href="http://example.com" id="dropdown05" data-toggle="dropdown" aria-
haspopup="true" aria-expanded="false">Dropdown</a>
26                 <div class="dropdown-menu" aria-labelledby="dropdown05">
27                     <a class="dropdown-item" href="#">Action</a>
28                     <a class="dropdown-item" href="#">Another action</a>
29                     <a class="dropdown-item" href="#">Something else here</a>
30                 </div>
31             </li>
32         </ul>
33     </div>
34 </nav>
```


*.sidebar.blade.php

```
1 <div class="sidebar">
2     <!--Rendering the page sidebar -->
3
4     <!--if the sidebar has element, iterating them -->
5     @if($sidebar->isEmpty() == true)
6         <button type="button" id="openNewCommentModal"
7             class="shadow newForm btn btn-primary btn-sm btn-block"
8             data-toggle="modal" data-target="#newComment">
9             Add a new comment</button>
10    <div class="list-group shadow">
11        <a href="#" class="filterButton list-group-item list-group-item-action"
12            aria-current="true" data-structureId="">
13            <div class="d-flex w-100 justify-content-between">All</div>
14        </a>
15
16    </div>
17    @for($i=0;$i<count($sidebar);$i++)
18        @php($c = 0)
19
20        <div class="list-group shadow">
21            <!--Category buttons as filter -->
22            <a href="#" class="filterButton list-group-item list-group-item-action"
23                aria-current="true" data-structureId="{{ $sidebar[$i]->id }}">
24                <div class="d-flex w-100 justify-content-between"> {{ $sidebar[$i]-
25                >name}}
26
27                <!--Category Counts -->
28                <span id="counter_{{ $sidebar[$i]->code }}"
29                    class="badge bg-primary rounded-pill topicbadge">
30                    <!--render the counter -->
31                    @for($j=0;$j<count($sidebarCount);$j++)
32                        @if($sidebarCount[$j]->id == $sidebar[$i]-
33                        >id)
34                            @php( $c = $sidebarCount[$j]->count )
35                            @break
36                        @endif
37                    @endfor
38                    {{ $c }}
39                </span>
```

```

39         </div>
40     </a>
41 </div> <!--end listgroup -->
42 @endfor
43     <button type="button" id="openscratchPad"
44         class="shadow newForm btn btn-primary btn-sm btn-block"
45         data-toggle="modal" data-target="#scratchPad">
46         View Clipboard</button>
47 @else <!--sidebar has no element -->
48     <h1 class="ststructureTitle">No Cat's</h1>
49     <p>Please run:
50     <quote>artisan db:seed StructureSeeder</quote>
51     </p>
52 @endif
53 </div>

```

*.newCommentForm.blade.php

```

1 <!--New Comment Modal -->
2 <div class="modal fade" id="newComment" tabindex="-1" role="dialog" aria-
labelledby="exampleModallabel" aria-hidden="true">
3     <div class="modal-dialog" role="document">
4         <div class="modal-content">
5             <div class="modal-header">
6                 <h5 class="modal-title" id="exampleModallabel">Add a new
comment</h5>
7                 <button type="button" class="close" data-dismiss="modal" aria-
label="Close">
8                     <span aria-hidden="true">&times;</span>
9                 </button>
10            </div>
11            <div class="modal-body">
12                <div id="errorMsg"></div>
13                <form class="form-horizontal" id="newCommentForm">
14                    @csrf
15                    <input type="hidden" id="commentId" value="">
16                    <div class="row">
17                        <div class="col">
18                            <div class="col-xs-8"> <input id="firstName"
name="firstName" placeholder="Contributor's First Name" type="text" class="form-
control" required="required"> </div>
19                        </div>
20                        <div class="col">

```

```

21             <div class="col-xs-8"> <input id="lastName"
placeholder="Contributor's Last Name" name="lastName" type="text" class="form-
22             control" required="required"> </div>
23         </div>
24     </div>
25     <div class="form-group">
26         <div class="col-xs-8">
27             <textarea id="comment" placeholder="Description"
name="comment" cols="35" rows="5" class="form-control"
28             required="required"></textarea>
29         </div>
30     </div>
31     <div class="form-group">
32         <div class="row">
33             <div class="col">
34                 <select id="structureId" name="structureId"
class="custom-select form-control">
35                     <option value="">Please select</option>
36                     @for($i=0;$i<count($sidebar);$i++)
37                         <option value="{{ $sidebar[$i]->id }}">{{
$sidebar[$i]->name }}</option>
38                     @endfor
39                 </select>
40             </div>
41             <div class="col">
42                 <input id="email" name="email" placeholder="e-
mail" type="text" class="form-control" required="required">
43             </div>
44         </div>
45         <select id="tone" name="tone" class=" toneSelector
custom-select form-control">
46             <option value="">Please select the tone of the
comment</option>
47             <option value="1">Positive</option>
48             <option value="0">Negative</option>
49         </select>
50     </div>
51 </form>
52 </div>
53 <div class="modal-footer">
54     <button type="button" class="closeNewForm btn btn-danger" data-
dismiss="modal">Close</button>

```



```

55         <button type="button" class="newCommentFormSaveButton NewComment
btn btn-primary">Save changes</button>
56         <button type="button" class="newCommentFormEditButton NewComment
btn btn-primary hidden">Edit</button>
57     </div> <!--modal footer -->
58 </div> <!--modal body -->
59 </div>
60 </div>
61 </div>
62 </div>
63
64 <!-- Confirm Modal -->
65 <div class="modal fade" id="confirmModal" tabindex="-1" role="dialog" aria-
labelledby="confirmedModal" aria-hidden="true">
66     <div class="modal-dialog modal-dialog-centered" role="document">
67         <div class="modal-content">
68             <div class="modal-header">
69                 <h5 class="modal-title" id="exampleModalLongTitle">Comment has Been
Added</h5>
70                 <button type="button" class="close" data-dismiss="modal" aria-
label="Close">
71                     <span aria-hidden="true">&times;</span></button>
72             </div>
73             <div class="modal-body">
74                 <p>Author: <span id="confirmedAuthor"></span></p>
75                 <p>Structure: <span id="confirmedStructure"></span></p>
76                 <p>Comment: <span id="confirmedComment"></span></p>
77                 <p>Confirmed e-mail: <span id="confirmedEmail"></span></p>
78                 <p>Tone: <span id="confirmedTone"></span></p>
79             </div>
80             <div class="modal-footer">
81                 <button type="button" class="btn btn-secondary" data-
dismiss="modal">Close</button>
82             </div>
83         </div>
84     </div>
85 </div>
86 </div>

```

*.scratchpad.blade.php

```
1 <div class="modal fade" id="scratchpad" tabindex="-1" role="dialog" aria-  
labelledby="scratchpad" aria-hidden="true">  
2     <div class="modal-dialog" role="document">  
3         <div class="modal-content">  
4             <div class="modal-header">  
5                 <h5 class="modal-title" id="exampleModalLabel">Clipboard</h5>  
6                 <button type="button" class="close" data-dismiss="modal" aria-  
label="Close">  
7                     <span aria-hidden="true">&times;</span>  
8                 </button>  
9             </div>  
10            <div class="modal-body">  
11                <textarea id="scratchpadArea" cols="30" rows="10"></textarea>  
12                <p>Selecting less or more comments will overwrite this area</p>  
13            </div>  
14            <div class="modal-footer">  
15                <button type="button" id="toClipboard" class="btn btn-  
primary">Copy To Clipboard</button>  
16            </div>  
17        </div>  
18    </div>  
19 </div>
```

NPM

webpack.mix

```
1 const mix = require('laravel-mix');  
2  
3 /*  
4 |-----  
5 | Mix Asset Management  
6 |-----  
7 |  
8 | Mix provides a clean, fluent API for defining some Webpack build steps  
9 | for your Laravel application. By default, we are compiling the Sass  
10 | file for the application as well as bundling up all the JS files.  
11 |  
12 */  
13  
14 mix.js('resources/js/app.js', 'public/js')
```

```

15 .js('resources/js/myapp.js', 'public/js')
16 .css('resources/css/mycss.css.scss', 'public/css')
17 .sass('resources/sass/app.scss', 'public/css')
18 .sourceMaps();

```

myapp.js

```

1 $.ajaxSetup({
2     headers: {
3         'X-CSRF-TOKEN': $('meta[name="csrf-token"]').attr('content')
4     });
5
6 let currentscrollpos;
7
8 function renderAllComments(structure=null){
9     console.log("Rendering all comments");
10    //render all comments
11    $('#tbody').empty();
12    const url = structure == null || structure == "" ? "/comment" :
"comment/cat/" + structure
13    $.ajax({
14        type : "GET",
15        url : url,
16        dataType : "json",
17        success: function(data){
18            var output = "";
19            for(let i=0;i < data.comments.length;i++){
20
21                //action button itional options
22                var e = data.comments[i];
23                var tone = e.tone == 1 ? "Positive" : "Negative";
24                var isApproved = e.isApproved == 1 ? "Approved" : "Pending";
25                var isApprovedClass;
26                var edit;
27
28                if(data.isAuth == true){
29                    isApprovedClass = e.isApproved == 1 ? "approved" : "";
30                    edit = `<div class="btn-group" role="group" aria-
label="Basic example">
31                        <button data-rowid="${e.id}"
32                        data-action="approve" type="button" class="actionButton
33                        btn approveComment btn-sm btn-success">A</button>
34
35                        <button data-rowid="${e.id}" data-action="edit"

```

```

36             type="button" class="actionButton btn btn-sm btn-
primary">E</button>
37
38             <button data-rowid="${e.id}" data-action="delete"
type="button"
39                 data-struct="${e.code}" class="actionButton btn btn-sm
40                 btn-danger">D</button>
41             </div>`;
42         }
43
44         output +=
45             `<tr id="comment_${e.id}" class="datarow $
{isApprovedClass}">
46                 <td><div class="form-check">
47                     <input class="form-check-input clipboardBox"
type="checkbox" value="${e.id}" />
48                 </div></td>
49                 <td class="bold">${e.code}${e.id}</td>
50                 <td>${e.firstName} ${e.lastName}</td>
51                 <td id="commentText_${e.id}">${e.comment}</td>
52                 <td>${tone}</td>
53                 <td>${isApproved}</td>`;
54         output += data.isAuth == true ? `<td>${edit}</td>` : "";
55         output += `</tr>`;
56     }
57     $('#tbody').empty();
58     $('#tbody').append(output);
59     bindActionButtons();
60 } //success
61 }); //ajax
62 }
63
64 renderAllComments();
65
66 // update or save a new comment
67 $('#newCommentFormSaveButton').on('click', function(){
68
69     //getting the form elements
70     var data = {
71         'firstName' : $('#firstName').val(),
72         'lastName' : $('#lastName').val(),
73         'email' : $('#email').val(),
74         'tone' : $('#tone').val(),
75         'comment' : $('#comment').val(),

```

```

76     'structureId' : $('#structureId').val(),
77     'commentId' : $('#commentId').val(),
78 }
79
80 console.log("Save button hit with commentId: " + data.commentId);
81 var type = data.commentId.length > 1 ? "PATCH" : "POST";
82 var url = data.commentId.length > 1 ? "/comment/" + data.commentId :
"/comment";
83 console.log("Request type is: " + type);
84
85 //if the hidden field not empty, that means we do a UPDATE request
86 $.ajax({
87     type : type,
88     url : url,
89     dataType : "json",
90     data : data,
91     success: function(data){
92         $('#newComment').modal('hide');
93         $('#newCommentForm').trigger('reset');
94         output = "";
95         var tone = data.tone == 1 ? "Positive" : "Negative";
96         var isApproved = data.isApproved == 1 ? "Approved" : "Pending";
97         var approve_disabled = isApproved == 1 ? "disabled" : "";
98         var edit_disabled = isApproved == 1 ? "disabled" : "";
99         console.log(data[0].id);
100
101         var edit = `<div class="btn-group" role="group">
102
103             <button data-rowid="${data.id}" ${approve_disabled}
104             data-action="approve" type="button" class=" ${isApprovedClass}
105             actionButton btn btn-sm btn-success">A</button>
106
107             <button data-rowid="${data.id}" ${edit_disabled}
108             data-action="edit" type="button" class="actionButton
109             btn btn-sm btn-primary">E</button>
110
111             <button data-rowid="${data.id}" data-action="delete"
112             data-struct="${data.code}" type="button" class="deleteButton
113             actionButton btn btn-sm btn-danger">D</button>
114             </div>`;
115
116         output += `<tr class="new" id="${data.id}">
117         <td>
118         <div class="form-check">

```

```

119     <input class="form-check-input clipboardBox"
120         type="checkbox" value="${data.id}" />
121     </div>
122 </td>
123 <td class="bold">${data.code}${data.id}</td>
124 <td>${data.firstName} ${data.lastName}</td>
125 <td>${data.comment}</td>
126 <td>${tone}</td>
127 <td>${isApproved}</td>
128 <td>${edit}</td>
129 </tr>`;
130 //bind buttons
131 bindActionButtonButtons();
132 //a modal to displaying the values
133 showConfirmedModal();
134 //render all comments
135 renderAllComments();
136 $("html, body").animate({ scrollTop: window.currentscrollpos },
500);
137 },
138
139 error: function(data){
140     //rendering errors above the form
141     var errors = Object.entries(data.responseJSON.errors).map(
142         ([key, value]) => ({key,value})
143     );
144     errorOutput = "";
145     for(let i=0;i < errors.length ;i++){
146         errorOutput += `<div class="alert alert-danger" role="alert">
147             ${err = errors[i].value[0]}
148             </div>`;
149     }
150     $('#errorMsg').empty().html(errorOutput);
151 },
152
153 });
154 });
155
156
157 function bindActionButtonButtons(){
158     //bind action button records
159     //the problem is here the DOM loads faster than the ajax query
160     //so have to call this after the buttons are loaded
161

```

```

162     $('#closeNewForm').on('click', function(){
163         $('#newCommentForm').trigger("reset");
164         $('#errorMsg').empty();
165     });
166
167     $('#newForm').on('click', function(){
168         $('#newCommentForm').trigger("reset");
169         $('#errorMsg').empty();
170     });
171
172     $('#ActionButton').on('click', function(){
173
174         //get the action of the button and the id
175         var rowId = this.getAttribute('data-rowid');
176         var action = this.getAttribute('data-action');
177         window.currentscrollpos = $(window).scrollTop();
178
179         switch(action){
180             //if the action is
181             case "edit":
182                 console.log('edit');
183                 console.log('query on id: ' + rowId);
184
185                 //request a full record and fill the data back
186                 $.ajax({
187                     type : "GET",
188                     url : "/comment/" + rowId,
189                     dataType : "json",
190                     success: function(data){
191                         //fill back the form
192                         $('#firstName').val(data[0].firstName);
193                         $('#lastName').val(data[0].lastName);
194                         $('#comment').val(data[0].comment);
195                         $('#email').val(data[0].email);
196                         $('#structureId').val(data[0].structureId);
197                         $('#tone').val(data[0].tone);
198                         $('#commentId').val(data[0].id);
199                         $('#newComment').modal('show');
200                         console.log(data);
201                     }
202                 });
203
204                 //fill up modal
205                 break;

```

```

206         case "delete":
207             //ask if not approved or permission
208             //modal yes - or - no
209             $('#deleteModal').modal('show');
210             $('#deleteCommentId').attr('data-id',rowId);
211             break;
212         case "approve":
213             console.log('approve');
214             const commentId = this.getAttribute("data-rowid");
215             console.log("What?: " +commentId);
216             $.ajax({
217                 type : "POST",
218                 url : "/toggleApprove",
219                 dataType : "json",
220                 data : {
221                     id : commentId,
222                 });
223             renderAllComments();
224             break;
225     }
226 });
227
228 $('#.form-check-input').on('change',function(){
229     //if we check a checkbox, it push the comment
230     clipboard = "";
231
232     var checkboxes = document.getElementsByClassName('form-check-input');
233
234     for(let i=0;i < checkboxes.length ;i++){
235         var td = "";
236
237         if(checkboxes[i].checked){
238             var selector = '#commentText_'+checkboxes[i].value;
239             td = $(selector).text();
240             clipboard += td + "\n-----\n";
241         }
242
243     }
244     $('#scratchpadArea').text(clipboard);
245     $('#scratchpadArea').val(clipboard);
246     console.log(clipboard);
247 });
248
249

```



```

250 }
251
252 //delete a comment (click delete in modal)
253 $('#deleteCommentId').on('click',function(){
254     //
255     var commentId = this.getAttribute('data-id');
256     var structureCode = this.getAttribute('data-struct');
257     $.ajax({
258         type : "DELETE",
259         url : "/comment/" + commentId,
260         dataType : "json",
261         success : function(data){
262             $('#counter_'+structureCode).val(
263                 $('#counter_'+structureCode).val() + 1
264             );
265         },
266     }).then( function(){
267         $('#tbody').empty();
268         renderAllComments();
269     });
270
271
272
273     //if the delete is cancelled, sets the comment's id to ""
274     $('#deleteModal').modal('hide');
275     var commentId = this.setAttribute('data-id', "");
276 });
277
278 //click on the clipboard button will open the
279 //clipbaord modal and show the selection
280 $('#openscratchPad').on('click', function(){
281     $('#scratchpad').modal('show');
282 });
283
284 //on close the new comment form modal
285 //it will empty the form and hide the modal
286 $('.closeNewForm').on('click', function(){
287     $('#newCommentForm').trigger("reset");
288     $('#errorMsg').empty();
289 });
290
291 function showConfirmedModal(){
292     //show the confirmed data modal, display with the last comment data
293     $.ajax({

```

```

294     type : "GET",
295     url : "/lastcomment",
296     dataType : "json",
297     success: function (data){
298
299         let confirmedTone = data.tone == 1 ? "Positive" : "Negative";
300         $('#confirmedAuthor').text(data.firstName + " " + data.lastName);
301         $('#confirmedComment').text(data.comment);
302         $('#confirmedTone').text(confirmedTone);
303         $('#confirmedStructure').text(data.name);
304         $('#confirmedEmail').text(data.email);
305         $('#confirmModal').modal('show');
306     });
307 }
308
309 function isAuth(){
310     var result = $.ajax({
311         type : "GET",
312         url : "/isAuth",
313         dataType : "text",
314         success: function (data){
315             if(data.reponseText == 1){
316                 console.log("Ajax isAuth returned: " + data);
317                 return true;
318             }
319         });
320     return result;
321 }
322
323
324 $('.filterButton').on('click', function(){
325     const structureId = this.getAttribute('data-structureId');
326     console.log("What?: " + structureId);
327     renderAllComments(structureId);
328     return false;
329 })
330
331
332 $('#toClipboard').on('click', function(){
333
334     $("#scratchpadArea").select();
335     document.execCommand('copy');
336
337 });

```

mycss.css

```
1 body{
2     background:
url('https://1.bp.blogspot.com/-HGLIXpE9UsQ/Uh94RRadE7I/AAAAAAAAHVI/tU9EMm-8vCA/
s640/Seamless-Background-Paper4.jpg');
3     font-family: Segoe UI,Helvetica Neue,Helvetica,Lucida
Grande,Arial,Ubuntu,Cantarell,Fira Sans,sans-serif;
4     font-size: 12px;
5 }
6
7 .ststructureTitle{
8     text-align: center;
9 }
10
11
12 nav{
13     margin-bottom: 40px;
14     width: 100%;
15 }
16
17 .list-group{
18     min-width: 200px;
19 }
20
21 .sidebar{
22     position: fixed;
23     top: 100px;
24 }
25
26 .navbar{
27     position:fixed;
28     z-index: 1;
29 }
30
31 h1:first-child{
32     margin-top: 90px;
33     text-align: center;
34 }
35
36
37 #openscratchPad{
38     margin-top: 10px;
39 }
```

```

40
41 #scratchpadArea{
42     width: 100%;
43     min-height: 400px;
44 }
45
46 .form-check input{
47     margin: auto;
48     position: relative;
49     top: 3px;
50 }
51 .new{
52     background:#66ffff;
53     font-style:italic;
54 }
55
56 #commentTable tr td{
57     vertical-align: middle;
58 }
59
60 .bold{
61     font-weight:bold;
62 }
63
64
65 .aOffset{
66     margin-top: -100px;
67     padding-top: 100px;
68 }
69
70
71 .topicbadge{
72     border-radius: 50%;
73     color: white;
74     line-height: 20px;
75     width: 20px;
76 }
77
78 .approved, .approved:hover{
79     background: #00cc44 !important;
80     border-color: #00cc44;
81 }
82
83 .toneBadge{

```

```
84     float: right;
85     line-height: 12px;
86     margin-left: 10px;
87 }
88
89 .newForm{
90     margin-bottom: 10px;
91 }
92
93 .hidden{
94     display: none;
95 }
96
97 .form-control{
98     font-size: 12px;
99 }
100
101 #tone{
102     margin-top: 15px;
103 }
104
105 .note-editor{
106     margin-top: 10px;
107 }
108
109 textarea{
110     margin-top: 15px;
111     min-height: 70px;
112 }
113
114 .toneLabel{
115     margin-right: 20px;
116 }
117
118 .submitNewComment{
119     margin: auto;
120 }
121
122 .submittedBy{
123     color: white;
124     margin-left: 30px;
125 }
126
127 .authorLink{
```

```
128     color: white;
129     font-weight: bold;
130 }
131
132 .commentId{
133     font-weight: bold;
134     margin-left: 10px;
135     margin-right: 10px;
136 }
137
138 .form-check{
139     display: inline;
140 }
141
142 .authorLink:hover{
143     color: #ccc;
144     text-decoration: none;
145 }
146
147 .card-header{
148     padding: 3px;
149 }
150
151 .card{
152     margin-bottom: 100px;
153 }
154
155 .card-body{
156     padding: 0;
157 }
158
159 .copyBtn{
160     padding: 1px 6px;
161 }
162
163 .shadow{
164     -moz-box-shadow: 8px 10px 7px -7px rgba(0,0,0,0.43);
165     -webkit-box-shadow: 8px 10px 7px -7px rgba(0,0,0,0.43);
166     box-shadow: 8px 10px 7px -7px rgba(0,0,0,0.43);
167 }
168
169 #select{
170     font-size: 12px;
171     height: 25px;
```

```
172     padding-left: 10px;
173     padding: 0px;
174 }
175
176 .alert{
177     margin-bottom: 10px;
178     padding: 0.25rem 1.25rem;
179 }
```

npm commands

Npm install

npm run dev

npm run watch

CRUD – ADD

- AjaxController.php above
- Model/Comment.php above
- myapp.js above

CRUD – READ

- AjaxController.php above
- Model/Comment.php above
- myapp.js above above

CRUD – UPDATE

- AjaxController.php above
- Model/Comment.php above
- myapp.js above

CRUD – DELETE

- AjaxController.php above
- Model/Comment.php above
- myapp.js above

SELECTING COMMENTS

Myaspp.js above above

FIGURES

User Page

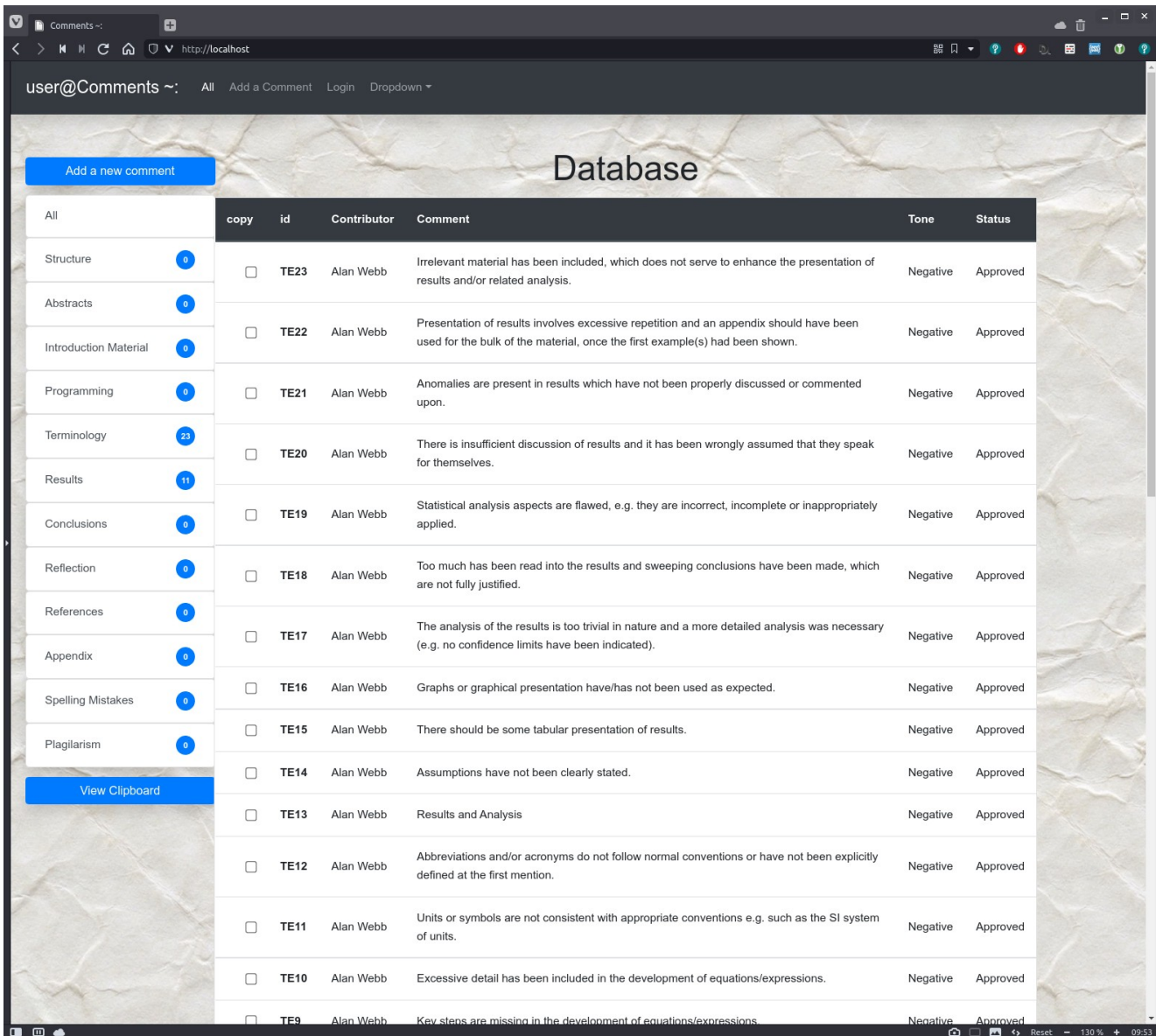


Figure 1: Users Page

The application is one page application. Users and admins arrives at the same page. Every logged in user counts as an admin. Users have no highlighted comments, because only the approved comments are displayed. The login state can be determined by the top left corner. '[user@comments](#)' rendered to the user and '[admin@comments](#)' rendered to the admin users. Action buttons are hidden.

Filtering

Every User can filter the comments, clicking on the sidebar.

Comments ~: AllAdd a CommentLoginDropdown

Add a new comment

All9Structure9Abstracts9Introduction Material9Programming9Terminology23Results11Conclusions9Reflection9References9Appendix9Spelling Mistakes9Plagiarism9View Clipboard

Database

copy	id	Contributor	Comment	Tone	Status
<input type="checkbox"/>	TE23	Alan Webb	Irrelevant material has been included, which does not serve to enhance the presentation of results and/or related analysis.	Negative	Approved
<input type="checkbox"/>	TE22	Alan Webb	Presentation of results involves excessive repetition and an appendix should have been used for the bulk of the material, once the first example(s) had been shown.	Negative	Approved
<input type="checkbox"/>	TE21	Alan Webb	Anomalies are present in results which have not been properly discussed or commented upon.	Negative	Approved
<input type="checkbox"/>	TE20	Alan Webb	There is insufficient discussion of results and it has been wrongly assumed that they speak for themselves.	Negative	Approved
<input type="checkbox"/>	TE19	Alan Webb	Statistical analysis aspects are flawed, e.g. they are incorrect, incomplete or inappropriately applied.	Negative	Approved
<input type="checkbox"/>	TE18	Alan Webb	Too much has been read into the results and sweeping conclusions have been made, which are not fully justified.	Negative	Approved
<input type="checkbox"/>	TE17	Alan Webb	The analysis of the results is too trivial in nature and a more detailed analysis was necessary (e.g. no confidence limits have been indicated).	Negative	Approved
<input type="checkbox"/>	TE16	Alan Webb	Graphs or graphical presentation have/has not been used as expected.	Negative	Approved
<input type="checkbox"/>	TE15	Alan Webb	There should be some tabular presentation of results.	Negative	Approved
<input type="checkbox"/>	TE14	Alan Webb	Assumptions have not been clearly stated.	Negative	Approved
<input type="checkbox"/>	TE13	Alan Webb	Results and Analysis	Negative	Approved
<input type="checkbox"/>	TE12	Alan Webb	Abbreviations and/or acronyms do not follow normal conventions or have not been explicitly defined at the first mention.	Negative	Approved
<input type="checkbox"/>	TE11	Alan Webb	Units or symbols are not consistent with appropriate conventions e.g. such as the SI system of units.	Negative	Approved
<input type="checkbox"/>	TE10	Alan Webb	Excessive detail has been included in the development of equations/expressions.	Negative	Approved
<input type="checkbox"/>	TE9	Alan Webb	Key steps are missing in the development of equations/expressions.	Negative	Approved

Figure 2: Filtering

Comments ~:

[Add a Comment](#)
[Login](#)

Dropdown

Add a new comment

All

Structure

Abstracts

Introduction Material

Programming

Terminology

Results

Conclusions

Reflection

References

Appendix

Spelling Mistakes

Plagiarism

View Clipboard

Database

copy	id	Contributor	Comment	Tone	Status
<input type="checkbox"/>	RS34	Alan Webb	Irrelevant material has been included, which does not serve to enhance the presentation of results and/or related analysis.	Negative	Approved
<input type="checkbox"/>	RS33	Alan Webb	Presentation of results involves excessive repetition and an appendix should have been used for the bulk of the material, once the first example(s) had been shown.	Negative	Approved
<input type="checkbox"/>	RS32	Alan Webb	Anomalies are present in results which have not been properly discussed or commented upon.	Negative	Approved
<input type="checkbox"/>	RS31	Alan Webb	There is insufficient discussion of results and it has been wrongly assumed that they speak for themselves.	Negative	Approved
<input type="checkbox"/>	RS30	Alan Webb	Statistical analysis aspects are flawed, e.g. they are incorrect, incomplete or inappropriately applied.	Negative	Approved
<input type="checkbox"/>	RS29	Alan Webb	Too much has been read into the results and sweeping conclusions have been made, which are not fully justified.	Negative	Approved
<input type="checkbox"/>	RS28	Alan Webb	The analysis of the results is too trivial in nature and a more detailed analysis was necessary (e.g. no confidence limits have been indicated).	Negative	Approved
<input type="checkbox"/>	RS27	Alan Webb	Graphs or graphical presentation have/has not been used as expected.	Negative	Approved
<input type="checkbox"/>	RS26	Alan Webb	There should be some tabular presentation of results.	Negative	Approved
<input type="checkbox"/>	RS25	Alan Webb	Assumptions have not been clearly stated.	Negative	Approved
<input type="checkbox"/>	RS24	Alan Webb	Results and Analysis	Negative	Approved

Figure 3: Filtering

User management

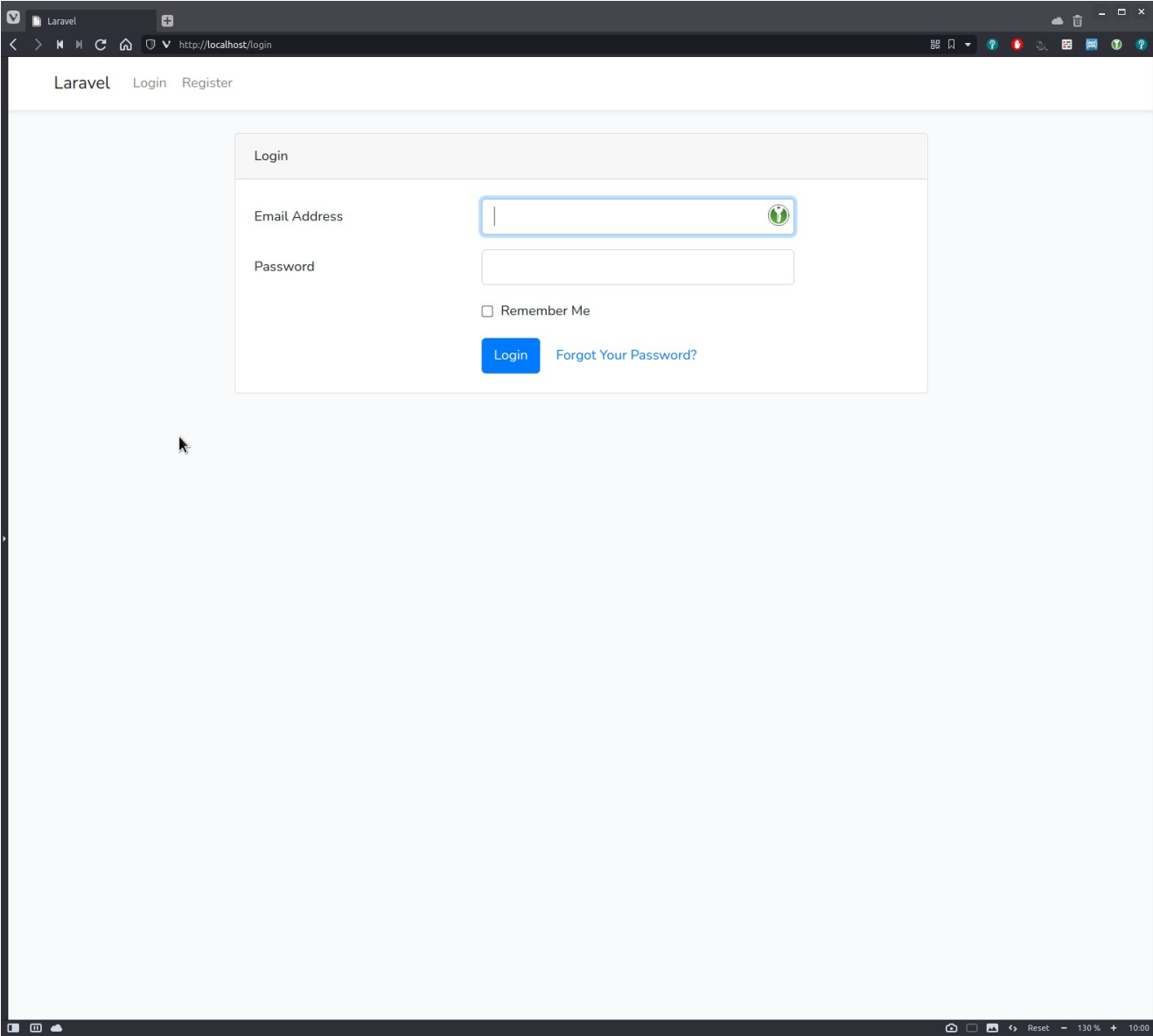


Figure 4: Login

Admin View

Admins can see every comment. The Approved comments are highlighted in green. Three action buttons provided 'A','E','D' for 'Approve', 'Edit','Delete'. Pending comments rendered as plain white. Approve uses a toggle mechanism with visual confirmation (table row background change).

Figure 5: Admin view

The screenshot displays the 'Admin View' of a comment management system. The interface includes a top navigation bar with 'admin@Comments ~', 'All', 'Add a Comment', 'Logout', and a 'Dropdown' menu. A sidebar on the left lists categories with counts: All (9), Structure (9), Abstracts (9), Introduction Material (9), Programming (9), Terminology (23), Results (11), Conclusions (9), Reflection (9), References (9), Appendix (9), Spelling Mistakes (9), and Plagiarism (9). A 'View Clipboard' button is at the bottom of the sidebar. The main area, titled 'Database', contains a table of comments.

copy	id	Contributor	Comment	Tone	Status	Actions
<input type="checkbox"/>	TE23	Alan Webb	Irrelevant material has been included, which does not serve to enhance the presentation of results and/or related analysis.	Negative	Pending	A E D
<input type="checkbox"/>	TE22	Alan Webb	Presentation of results involves excessive repetition and an appendix should have been used for the bulk of the material, once the first example(s) had been shown.	Negative	Pending	A E D
<input checked="" type="checkbox"/>	TE21	Alan Webb	Anomalies are present in results which have not been properly discussed or commented upon.	Negative	Approved	A E D
<input checked="" type="checkbox"/>	TE20	Alan Webb	There is insufficient discussion of results and it has been wrongly assumed that they speak for themselves.	Negative	Approved	A E D
<input checked="" type="checkbox"/>	TE19	Alan Webb	Statistical analysis aspects are flawed, e.g. they are incorrect, incomplete or inappropriately applied.	Negative	Approved	A E D
<input checked="" type="checkbox"/>	TE18	Alan Webb	Too much has been read into the results and sweeping conclusions have been made, which are not fully justified.	Negative	Approved	A E D
<input checked="" type="checkbox"/>	TE17	Alan Webb	The analysis of the results is too trivial in nature and a more detailed analysis was necessary (e.g. no confidence limits have been indicated).	Negative	Approved	A E D
<input checked="" type="checkbox"/>	TE16	Alan Webb	Graphs or graphical presentation have/has not been used as expected.	Negative	Approved	A E D
<input checked="" type="checkbox"/>	TE15	Alan Webb	There should be some tabular presentation of results.	Negative	Approved	A E D
<input checked="" type="checkbox"/>	TE14	Alan Webb	Assumptions have not been clearly stated.	Negative	Approved	A E D
<input checked="" type="checkbox"/>	TE13	Alan Webb	Results and Analysis	Negative	Approved	A E D
<input checked="" type="checkbox"/>	TE12	Alan Webb	Abbreviations and/or acronyms do not follow normal conventions or have not been explicitly defined at the first mention.	Negative	Approved	A E D
<input checked="" type="checkbox"/>	TE11	Alan Webb	Units or symbols are not consistent with appropriate conventions e.g. such as the SI system of units.	Negative	Approved	A E D

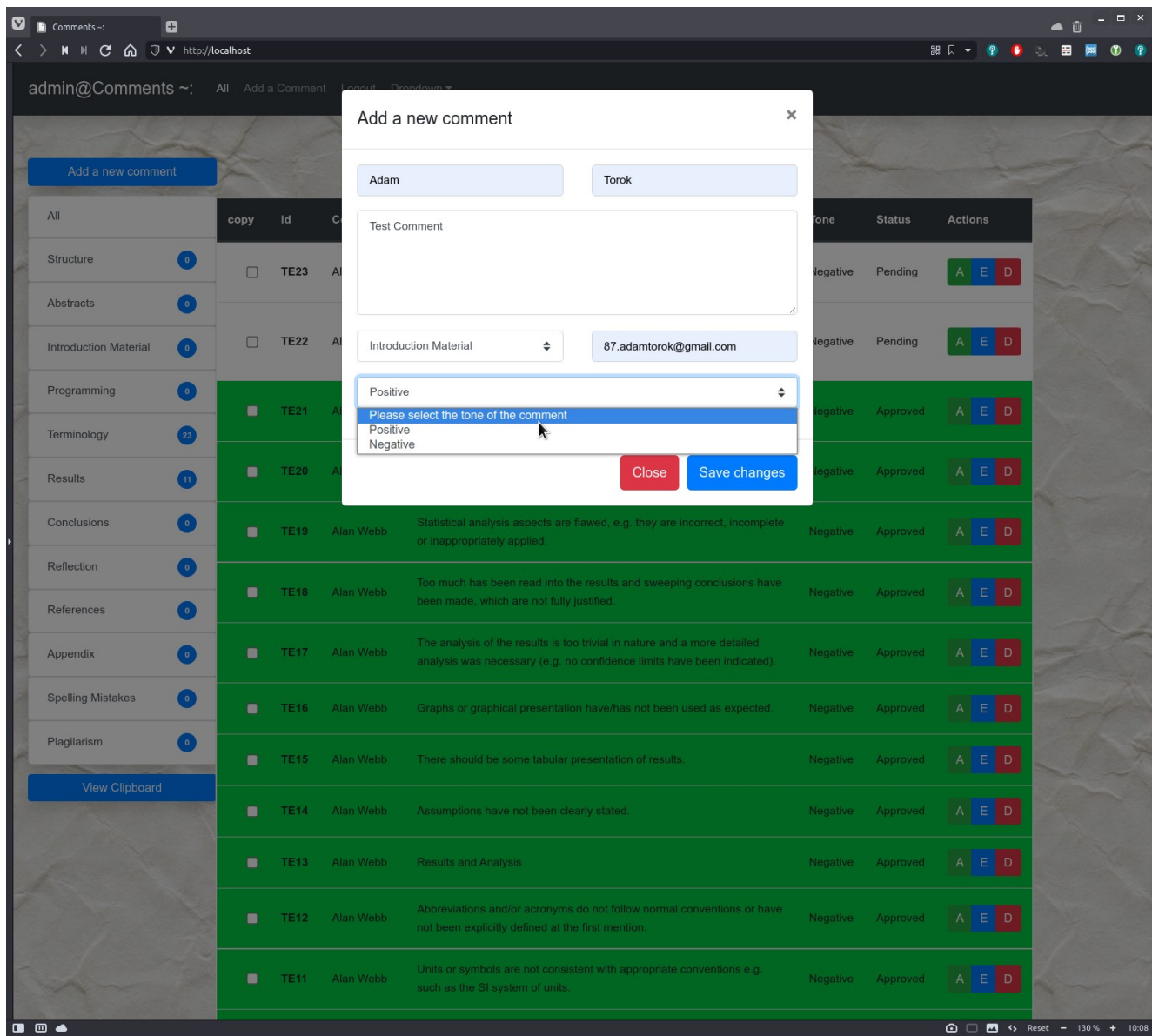


Figure 6: Create comment

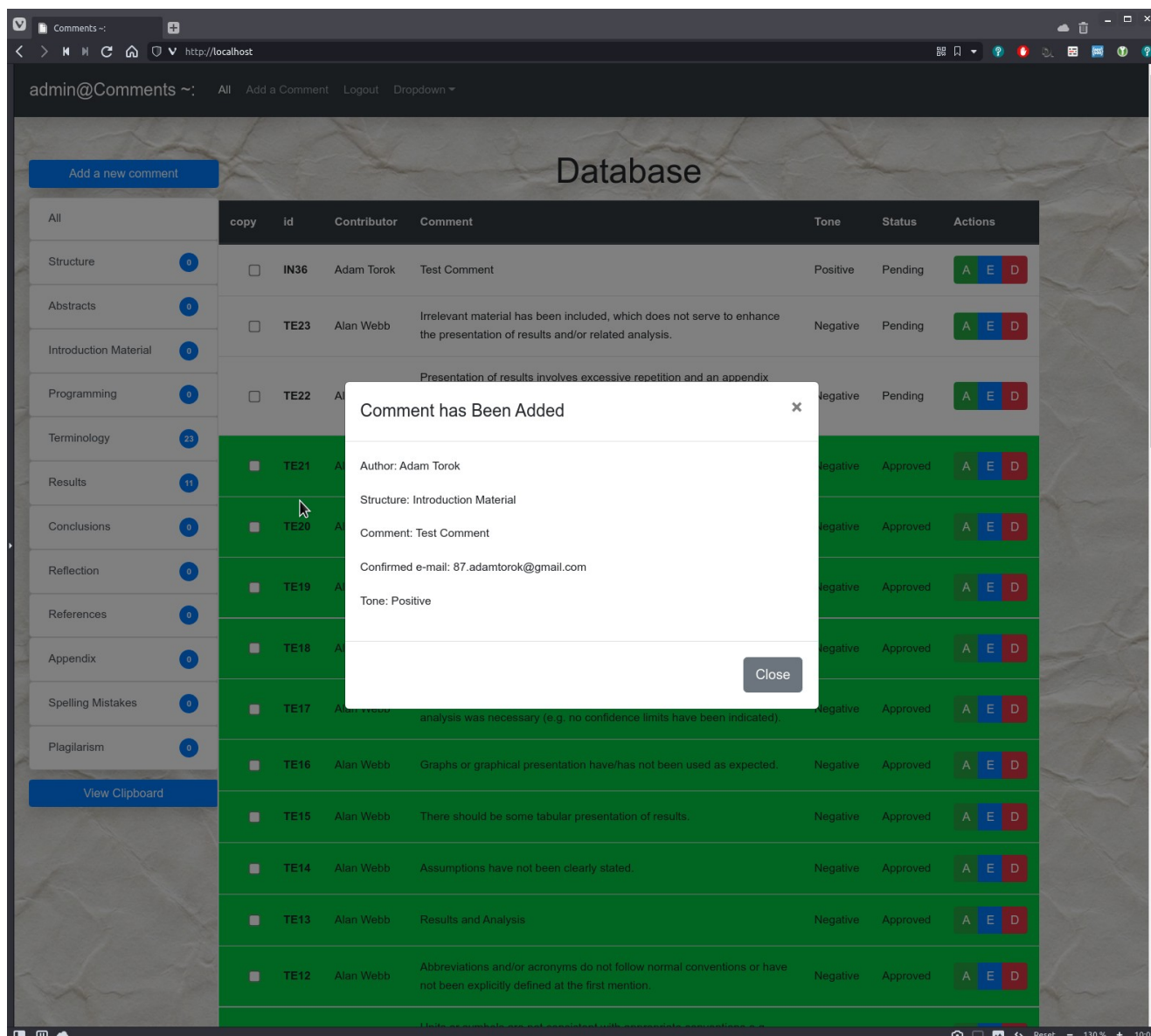
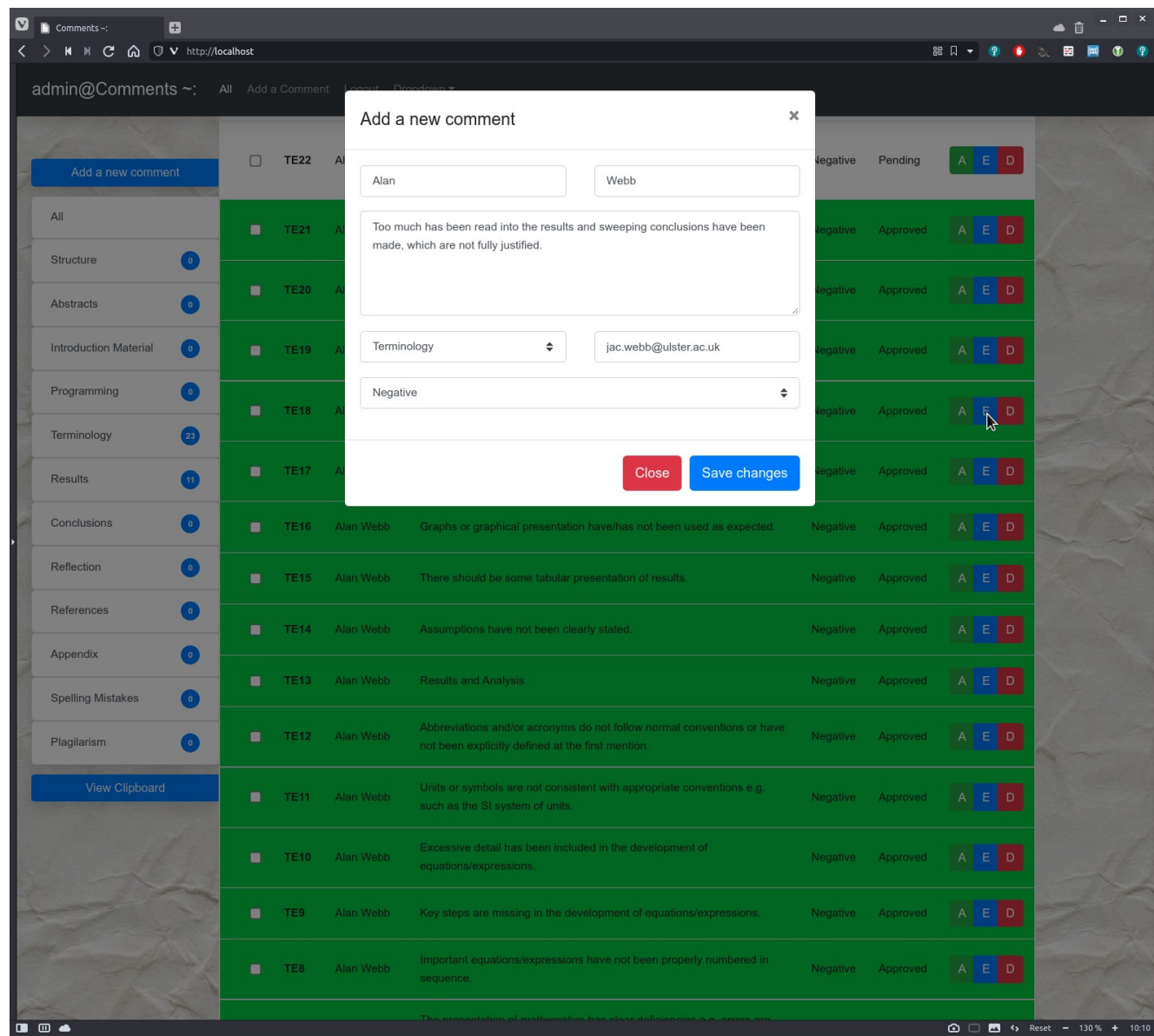


Figure 7: Confirmation

EDIT

On Edit the form is populated with the old values.



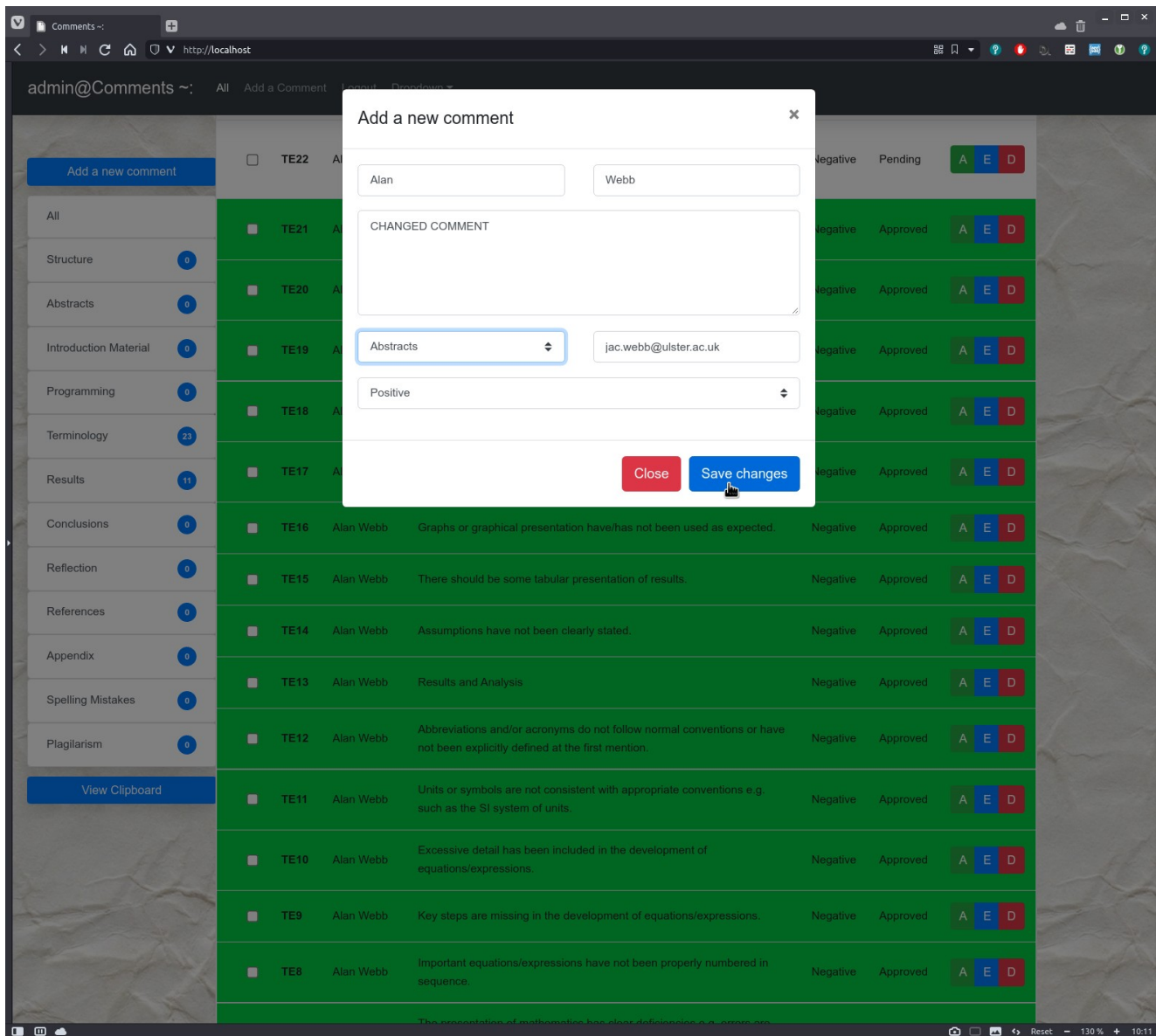


Figure 8: Change the comment

Comments -

admin@Comments ~: All Add a Comment Logout Dropdown

Database

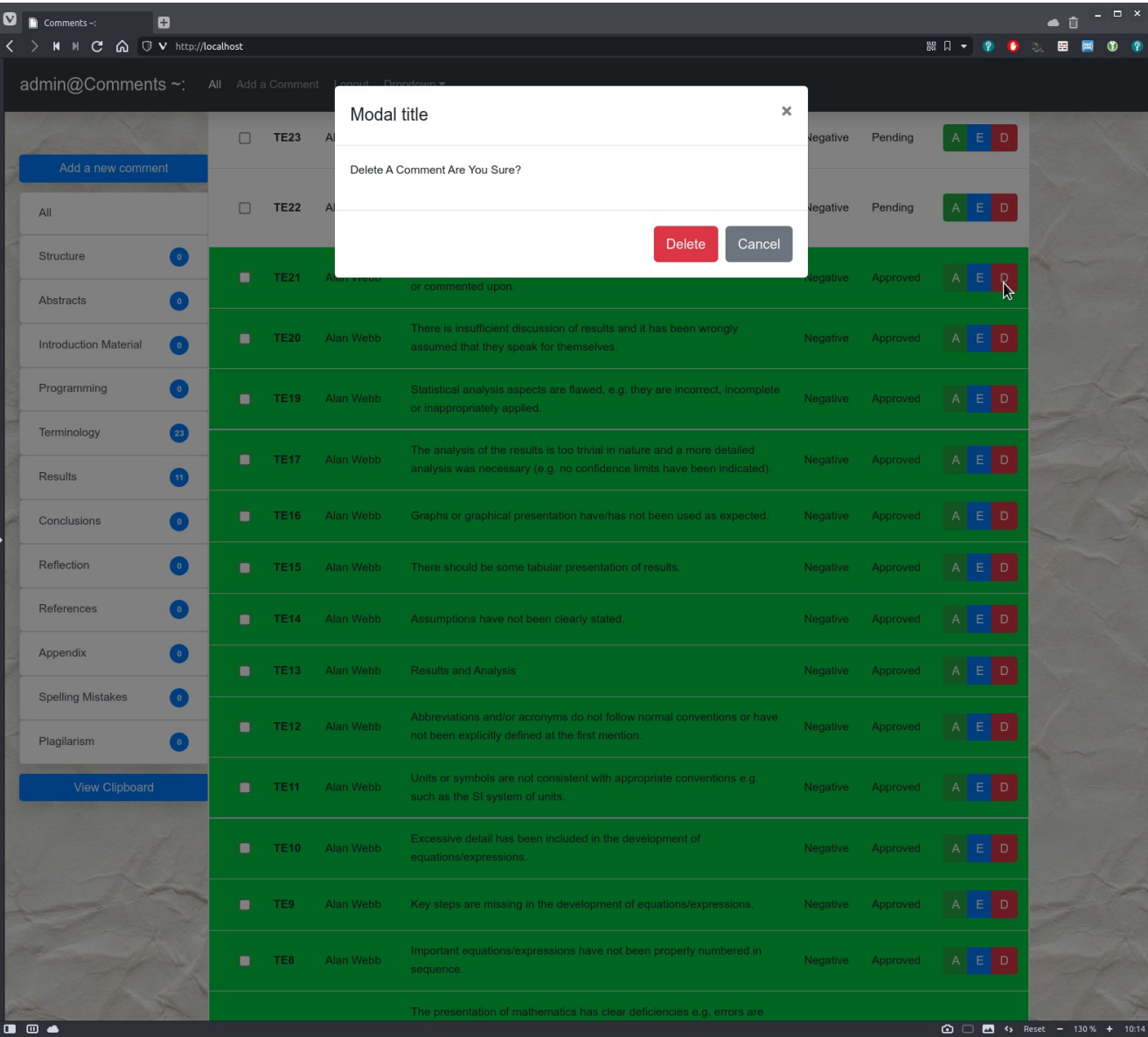
Add a new comment

All	copy	id	Contributor	Comment	Tone	Status	Actions
Structure 9	<input checked="" type="checkbox"/>	AB18	Alan Webb	CHANGED COMMENT	Positive	Approved	A E D
Abstracts 9	<input type="checkbox"/>	IN36	Adam Torok	Test Comment	Positive	Pending	A E D
Introduction Material 9	<input type="checkbox"/>	TE23	Alan Webb	Irrelevant material has been included, which does not serve to enhance the presentation of results and/or related analysis.	Negative	Pending	A E D
Programming 9	<input type="checkbox"/>	TE22	Alan Webb	Presentation of results involves excessive repetition and an appendix should have been used for the bulk of the material, once the first example(s) had been shown.	Negative	Pending	A E D
Terminology 23	<input checked="" type="checkbox"/>	TE21	Alan Webb	Anomalies are present in results which have not been properly discussed or commented upon.	Negative	Approved	A E D
Results 11	<input checked="" type="checkbox"/>	TE20	Alan Webb	There is insufficient discussion of results and it has been wrongly assumed that they speak for themselves.	Negative	Approved	A E D
Conclusions 9	<input checked="" type="checkbox"/>	TE19	Alan Webb	Statistical analysis aspects are flawed, e.g. they are incorrect, incomplete or inappropriately applied.	Negative	Approved	A E D
Reflection 9	<input checked="" type="checkbox"/>	TE17	Alan Webb	The analysis of the results is too trivial in nature and a more detailed analysis was necessary (e.g. no confidence limits have been indicated).	Negative	Approved	A E D
References 9	<input checked="" type="checkbox"/>	TE16	Alan Webb	Graphs or graphical presentation have/has not been used as expected.	Negative	Approved	A E D
Appendix 9	<input checked="" type="checkbox"/>	TE15	Alan Webb	There should be some tabular presentation of results.	Negative	Approved	A E D
Spelling Mistakes 9	<input checked="" type="checkbox"/>	TE14	Alan Webb	Assumptions have not been clearly stated.	Negative	Approved	A E D
Plagiarism 9	<input checked="" type="checkbox"/>	TE13	Alan Webb	Results and Analysis	Negative	Approved	A E D
	<input checked="" type="checkbox"/>	TE12	Alan Webb	Abbreviations and/or acronyms do not follow normal conventions or have not been explicitly defined at the first mention.	Negative	Approved	A E D
	<input checked="" type="checkbox"/>	TE11	Alan Webb	Units or symbols are not consistent with appropriate conventions e.g.	Negative	Approved	A E D

View Clipboard

Figure 9: Comment Has Been Changed

DELETE COMMENT



Comments -

admin@Comments ~: All Add a Comment Logout Dropdown

Database

Add a new comment

	copy	id	Contributor	Comment	Tone	Status	Actions
All	<input checked="" type="checkbox"/>	AB18	Alan Webb	CHANGED COMMENT	Positive	Approved	A E D
Structure	<input type="checkbox"/>	IN36	Adam Torok	Test Comment	Positive	Pending	A E D
Abstracts	<input type="checkbox"/>	TE23	Alan Webb	Irrelevant material has been included, which does not serve to enhance the presentation of results and/or related analysis.	Negative	Pending	A E D
Introduction Material	<input type="checkbox"/>	TE22	Alan Webb	Presentation of results involves excessive repetition and an appendix should have been used for the bulk of the material, once the first example(s) had been shown.	Negative	Pending	A E D
Programming	<input checked="" type="checkbox"/>	TE20	Alan Webb	There is insufficient discussion of results and it has been wrongly assumed that they speak for themselves.	Negative	Approved	A E D
Terminology	<input checked="" type="checkbox"/>	TE19	Alan Webb	Statistical analysis aspects are flawed, e.g. they are incorrect, incomplete or inappropriately applied.	Negative	Approved	A E D
Results	<input checked="" type="checkbox"/>	TE17	Alan Webb	The analysis of the results is too trivial in nature and a more detailed analysis was necessary (e.g. no confidence limits have been indicated).	Negative	Approved	A E D
Conclusions	<input checked="" type="checkbox"/>	TE16	Alan Webb	Graphs or graphical presentation have/has not been used as expected.	Negative	Approved	A E D
Reflection	<input checked="" type="checkbox"/>	TE15	Alan Webb	There should be some tabular presentation of results.	Negative	Approved	A E D
References	<input checked="" type="checkbox"/>	TE14	Alan Webb	Assumptions have not been clearly stated.	Negative	Approved	A E D
Appendix	<input checked="" type="checkbox"/>	TE13	Alan Webb	Results and Analysis	Negative	Approved	A E D
Spelling Mistakes	<input checked="" type="checkbox"/>	TE12	Alan Webb	Abbreviations and/or acronyms do not follow normal conventions or have not been explicitly defined at the first mention.	Negative	Approved	A E D
Plagiarism	<input checked="" type="checkbox"/>	TE11	Alan Webb	Units or symbols are not consistent with appropriate conventions e.g. such as the SI system of units.	Negative	Approved	A E D
	<input checked="" type="checkbox"/>	TE10	Alan Webb	Excessive detail has been included in the development of	Negative	Approved	A E D

View Clipboard

Figure 10: Comment has been deleted

USER

As expected, Comment **AB18** has changed, comment **TE21** has been deleted on the user side.

Comments ~: All Add a Comment Login Dropdown

Add a new comment

Database

	copy	id	Contributor	Comment	Tone	Status
All	<input type="checkbox"/>	AB18	Alan Webb	CHANGED COMMENT	Positive	Approved
Structure 6	<input type="checkbox"/>	TE20	Alan Webb	There is insufficient discussion of results and it has been wrongly assumed that they speak for themselves.	Negative	Approved
Abstracts 1	<input type="checkbox"/>	TE19	Alan Webb	Statistical analysis aspects are flawed, e.g. they are incorrect, incomplete or inappropriately applied.	Negative	Approved
Introduction Material 6	<input type="checkbox"/>	TE17	Alan Webb	The analysis of the results is too trivial in nature and a more detailed analysis was necessary (e.g. no confidence limits have been indicated).	Negative	Approved
Programming 6	<input type="checkbox"/>	TE16	Alan Webb	Graphs or graphical presentation have/has not been used as expected.	Negative	Approved
Terminology 19	<input type="checkbox"/>	TE15	Alan Webb	There should be some tabular presentation of results.	Negative	Approved
Results 11	<input type="checkbox"/>	TE14	Alan Webb	Assumptions have not been clearly stated.	Negative	Approved
Conclusions 6	<input type="checkbox"/>	TE13	Alan Webb	Results and Analysis	Negative	Approved
Reflection 6	<input type="checkbox"/>	TE12	Alan Webb	Abbreviations and/or acronyms do not follow normal conventions or have not been explicitly defined at the first mention.	Negative	Approved
References 6	<input type="checkbox"/>	TE11	Alan Webb	Units or symbols are not consistent with appropriate conventions e.g. such as the SI system of units.	Negative	Approved
Appendix 6	<input type="checkbox"/>	TE10	Alan Webb	Excessive detail has been included in the development of equations/expressions.	Negative	Approved
Spelling Mistakes 6	<input type="checkbox"/>	TE9	Alan Webb	Key steps are missing in the development of equations/expressions.	Negative	Approved
Plagiarism 6	<input type="checkbox"/>	TE8	Alan Webb	Important equations/expressions have not been properly numbered in sequence.	Negative	Approved
	<input type="checkbox"/>	TE7	Alan Webb	The presentation of mathematics has clear deficiencies e.g. errors are present; wrong symbols have been used, Greek letters are absent or incorrect, subscripts and/or superscripts are missing; equation layout is flawed.	Negative	Approved
	<input type="checkbox"/>	TE6	Alan Webb	Standard and well accepted approaches have not been adopted, without clear justification for avoiding these.	Negative	Approved

View Clipboard

Figure 11: Result

CLIPBOARD

Both usertype can use this functionality. The checked checkboxes text will be gathered and rendered in a modal. With the copy button we can cipy the contents to our clipboard.

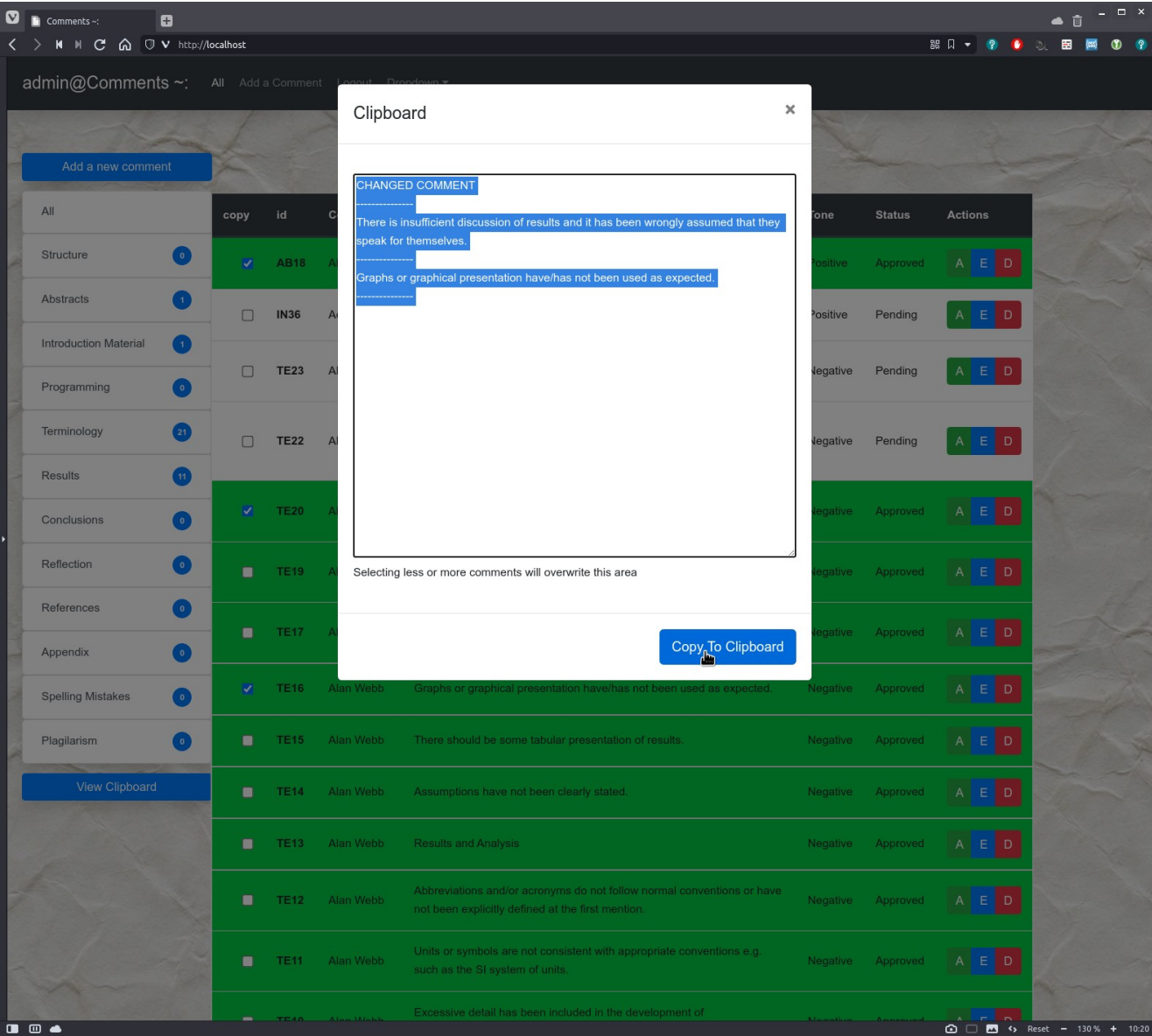


Figure 12: Clipboard