This document contains test tasks that the candidate should complete in order to be invited to an interview for a JavaScript developer position.

**Test description**.

Write a client-side HTML/ JavaScript application that will consist of three tabs (see attached mockups):

1. General Information
2. Corrective Actions
3. REVIEW and SUBMIT

“General Information” tab SHOULD contain a list of fields with different types/validation rules/specific behaviors (see Appendix A).

“*Corrective Actions*” tab SHOULD contain a table, where user can perform adding new records, their next editing or deleting. Adding and Editing can be done in any possible way – e.g. via modal form or inline row editing.

*“REVIEW and SUBMIT”* tab SHOULD contain a list of all fields with entered values or validation errors (for invalid entered data). If all entered data is VALID, user can submit it (Submit button SHOULD become enabled). The submit result SHOULD be a JSON in the specified format (see Appendix B), which will be displayed in the new Browser window.

Application SHOULD support next browsers: IE9+, Google Chrome

**Requirements.**

Application have to be implemented using next components and libraries:   
- AngularJS (It is desirable to use Angular routing for switching between tab)

- Twitter Bootstrap

**Appendix A**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Type** | **Validation** | **Behavior** |
| Date and Time of Incident | Textbox + DateTimepicker | required, DateTime format MM/dd/yyyy hh:mm AM/PM |  |
| Reported By | Textbox | required |  |
| Company of Reporter | Drop Down List | required |  |
| Contact Number | Textbox | required, U.S. phone regexp pattern |  |
| Supervisor Name | Textbox |  |  |
| High Level Description of Incident | Textarea | required |  |
| Well Number | Drop Down List | required | After selection, three fields below SHOULD be filled.   Well-01  Region: South,  State:Oklahoma,  Field Office:Ringwood  Well-02 Region: North,  State: Montana,  Field Office: Sidney  Well-03 Region: North,  State: North Dakota,  Field Office: Tioga |
| Region | Textbox |  | readonly |
| State | Textbox |  | readonly |
| Field Office | Textbox |  | readonly |
| Incident Severity (Check all that Apply) | Checkbox set | at least one check required | If “None Apply” was checked – all above checkboxes MUST be disabled. |

**Appendix B**

{  
 "workflowCreationInformation":{  
 "workflowTypeName": "Incident Report",  
 "name": "Report - 2013.05.09"  
 },  
 "workflowStepUpdateInformation":{  
 "stepIdOrName": "Initial Step",  
 "fields":[  
 {"name":"Date and Time of Incident","values":["2013-05-13T15:40:00"]},  
 {"name":"Reported By","values":["John Doe"]},  
 {"name":"Company of Reporter","values":["CompanyA"]},  
 {"name":"Contact Number","values":["405.234.9751"]},  
 {"name":"Supervisor Name","values":["Aaron Moore"]},  
 {"name":"High Level Description of Incident","values":["description"]},  
 {"name":"Well Number","values":["Well-01"]},  
 {"name":"Region","values":["South"]},  
 {"name":"State","values":["Oklahoma"]},  
 {"name":"Field Office","values":["Ringwood"]},  
 {"name":"Incident Severity (Check all that Apply)","values":["Loss of well control", "Spill offsite > 50 Bbls"]},  
 {"name":"Description of Corrective Action (1)","values":["description"]},  
 {"name":"Action Taken By (name) (1)","values":["James Bucci"]},  
 {"name":"Company (1)","values":["CompanyA"]},  
 {"name":"Date (1)","values":["2013-05-22T09:00:00"]},  
 {"name":"Description of Corrective Action (2)","values":["description"]},  
 {"name":"Action Taken By (name) (2)","values":["Michael Mondt"]},  
 {"name":"Company (2)","values":["CompanyB"]},  
 {"name":"Date (2)","values":["2013-05-11T13:35:00"]}  
 ]  
 }  
}