AP CSP – Create PT

My Notebook

```javascript
1   $(document).ready(function() {
2   // Items will be objects -> {title:"Example", info:"Description", starred:false}
3   var notebook = [
4     {title:"Example", info:"Description", starred:false},
5     {title:"Example 2", info:"Description 2", starred:true}
6   ];
7
8   displayNotebook(notebook);
9
10  //// FUNCTIONS ////
11  function addEntry(array) {
12    var title = document.getElementById("entry_title").value;
13    var info = document.getElementById("entry_info").value;
14
15    if (title) {
16      array.unshift({title:title, info:info, starred:false});
17      document.getElementById("entry_title").value = "";
18      document.getElementById("entry_info").value = "";
19      toggleElement("entry_form", "flex");
20      displayNotebook(array);
21    }
22  }
23  function editEntry(id, array, updated_title, updated_info, starred) {
24    var new_entry = {title:updated_title, info:updated_info, starred:starred};
25    array[id] = new_entry;
26
27    displayNotebook(array);
28  }
29  function deleteEntry(id, array) {
30    array.splice(id, 1);
31
32    displayNotebook(array);
33  }
34
35  function changeStar(id, array) {
36    if (array[id].starred) {
37      array[id].starred = false;
```

```javascript
   } else {
      array[id].starred = true;
   }

   displayNotebook(array);
}

function displayNotebook(array) {
   document.getElementById("notebook").innerHTML = "";

   for (var i = 0; i < array.length; i++) {
      var entry = document.createElement("div");

      entry.setAttribute("class","notebook_entry");
      entry.setAttribute("id","entry_" + i);

      var html = "";
      html += "<h1 id='entry_" + i + "_title'>" + array[i].title + "</h1>";
      html += "<h2 id='entry_" + i + "_info'>" + array[i].info + "</h2>";
      html += "<input id='edit_" + i + "_title' value='" + array[i].title + "' style='display:none' placeholder='Title'>";
      html += "<textarea id='edit_" + i + "_info' style='display:none' placeholder='Info'>" + array[i].info + "</textarea>";
      html += "<button class='edit_entry' id='edit_" + i + "'>Edit</button>";
      html += "<button class='save_entry' id='save_" + i + "' style='display:none'>Save</button>";
      html += "<button class='delete_entry' id='delete_" + i + "'>Delete</button>";
      html += "<i class='fa" + determineStar(array[i].starred) + " fa-star' id='star_" + i + "'></i>";

      entry.innerHTML = html;
      document.getElementById("notebook").appendChild(entry);
   }
}

function determineStar(input) {
   if (input) {
      return "s";
   } else {
      return "r";
   }
}

function toggleElement(id, preferred) {
      var element = document.getElementById(id);
      if (element.style.display === "none") {
```

```
80          element.style.display = preferred;
81      } else {
82          element.style.display = "none";
83      }
84  }
85
86  //// ON EVENTS ////
87  // Entry Form //
88  $("#toggleEntryForm").click(function(){
89      toggleElement("entry_form", "flex");
90  });
91  $("#add_entry").click(function(){
92      addEntry(notebook);
93  });
94  $("#cancel_entry").click(function(){
95      toggleElement("entry_form", "flex");
96      $("#entry_title").val("");
97      $("#entry_info").val("");
98  });
99  document.getElementById("entry_title").addEventListener("keyup", function(e) {
100     e.preventDefault();
101
102     if (e.keyCode === 13) {
103         document.getElementById("add_entry").click();
104     }
105 });
106 document.getElementById("entry_info").addEventListener("keyup", function(e) {
107     e.preventDefault();
108     if (e.ctrlKey && e.keyCode === 13) {
109         document.getElementById("add_entry").click();
110     }
111 });
112
113 // Entry //
114 $(document).on("click", ".fa-star", function(){
115     var id = $(this).attr("id").split("_").pop();
116
117     changeStar(id, notebook);
118 });
119 $(document).on("click", ".edit_entry", function(){
120     var id = $(this).attr("id").split("_").pop();
121
```

```javascript
122      // Hide
123      toggleElement("entry_" + id + "_title", "block");
124      toggleElement("entry_" + id + "_info", "block");
125      toggleElement("edit_" + id, "inline-block");
126      toggleElement("delete_" + id, "inline-block");
127      // Show
128      toggleElement("edit_" + id + "_title", "block");
129      toggleElement("edit_" + id + "_info", "block");
130      toggleElement("save_" + id, "inline-block");
131    });
132    $(document).on("click", ".save_entry", function(){
133      var id = $(this).attr("id").split("_").pop();
134
135      var updated_title = $("#edit_" + id + "_title").val();
136      var updated_info = $("#edit_" + id + "_info").val();
137      var starred;
138      if ($("#star_" + id).hasClass("far")) {
139        starred = false;
140      } else {
141        starred = true;
142      }
143
144      if (updated_title) {
145        editEntry(id, notebook, updated_title, updated_info, starred);
146      }
147    });
148    $(document).on("click", ".delete_entry", function(){
149      var entry_id = parseInt($(this).attr("id").split("_").pop());
150      deleteEntry(entry_id, notebook);
151    });
152    });
```