



# CSUSB Mobile Application Documentation

**By**

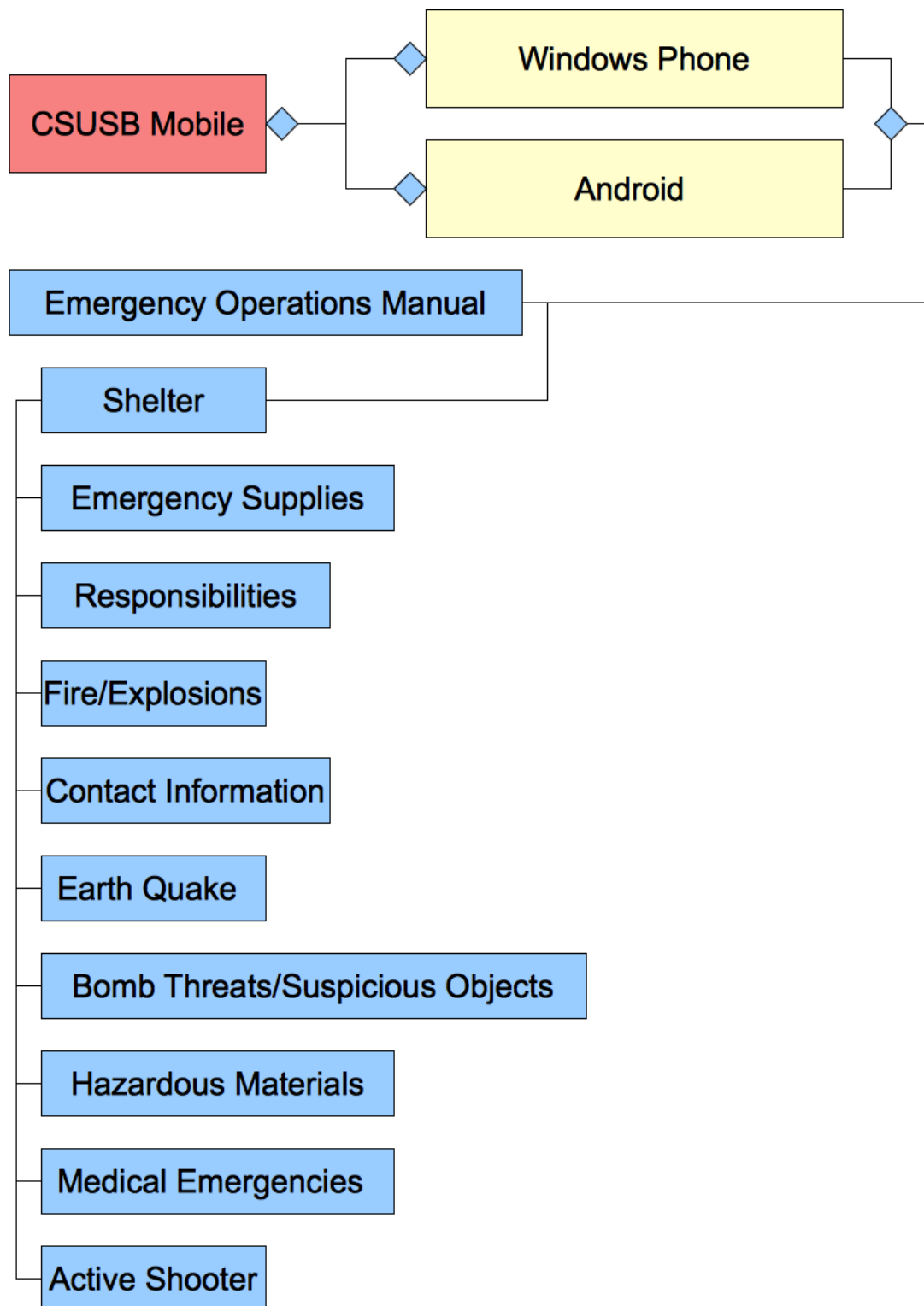
**Diego Galvan**

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## Emergency Manual (Flowchart of Dependencies)



## Source Code

**<!--The following code details the PHP page created for the Hazardous Materials section of the Emergency Operations Manual-->**

**<center><p>**

**In case of a hazardous material spill or exposure to infectious material, remain calm, and proceed as follows:**

**</p>**

**<!-- This HTML page recreates the Hazardous Materials section (page 8 of the CSU San Bernardino Emergency Operations Manual for Students), hence all the checkboxes. This page details what should be done when students come into contact with hazardous materials -->**

**<div data-role="fieldcontain">**

**<fieldset data-role="controlgroup" data-type="vertical">**

**<legend>**

**Chemical and Solvent Spills: If spill involves per-sonal injury:**

**</legend>**

**<input name="checkbox8" id="checkbox8" type="checkbox" />**

**<label for="checkbox8">**

**Remove Clothing**

**</label>**

**<input name="checkbox12" id="checkbox12" type="checkbox" />**

**<label for="checkbox12">**

**Flush with warm tap water for 15 minutes**

**</label>**

**<input name="checkbox13" id="checkbox13" type="checkbox" />**

**<label for="checkbox13">**

**Call 911 from a campus phone or 537-7777 from a cell phone.**

**</label>**

**</fieldset>**

**</div>**

**<!-- The HTML page was created using JQueryMobile.com and contains two buttons, which lead the user to the previous page (back) or home page (home). The header is just a simple title, which in this case is "Hazardous Materials", the footer just carries the school's name and the body of the PHP page is made up of simple text content headers and a series of checkboxes, similar to the original page in the Emergency Operations Manual -->**

**<div data-role="fieldcontain">**

**<fieldset data-role="controlgroup" data-type="vertical">**

**<legend>**

**If immediate hazard exists or medical assistance is required:**

**</legend>**

**<input name="checkbox9" id="checkbox9" type="checkbox" />**

**<label for="checkbox9">**

**Call 911 from a campus phone or 537-7777 from a cell phone.**

**</label>**

**<input name="checkbox14" id="checkbox14" type="checkbox" />**

**<label for="checkbox14">**

**Immediately evacuate and limit access to the affected area.**

**</label>**

**<input name="checkbox15" id="checkbox15" type="checkbox" />**

**<label for="checkbox15">**

**All evacuations should be upwind from the release location.**

**</label>**

**</fieldset>**

**</div>**

**<div data-role="fieldcontain">**

**<fieldset data-role="controlgroup" data-type="vertical">**

**<legend>**

**For small spills/those not involving immediate danger to lives or property:**

```

</legend>
<input name="checkbox10" id="checkbox10" type="checkbox" />
<label for="checkbox10">
  Confine the spill.
</label>
<input name="checkbox16" id="checkbox16" type="checkbox" />
<label for="checkbox16">
  Evacuate and secure the immediate area; limit access to authorized personnel.
</label>
</fieldset>
</div>
<div data-role="fieldcontain">
  <fieldset data-role="controlgroup" data-type="vertical">
    <legend>
      Contact Environmental Health & Safety (EHS) (909) 537-5179
    </legend>
    <input name="checkbox11" id="checkbox11" type="checkbox" />
    <label for="checkbox11">
      Identify yourself and report the information.
    </label>
    <input name="checkbox17" id="checkbox17" type="checkbox" />
    <label for="checkbox17">
      Be as specific as possible about the type, amount of the spill/material released.
    </label>
    <input name="checkbox18" id="checkbox18" type="checkbox" />
    <label for="checkbox18">
      Provide the location of the spill.
    </label>
  </fieldset>
</div>

```

<p>
 Unless immediate medical attention is needed, all persons who have been potentially exposed should report to emergency personnel at the Incident Command Post site and notify the incident Commander that they have been exposed.
 </p>

<!--The content for the page is entirely identical the corresponding page in the  
 Emergency Operations Manual
 </p>

Back

Hazardous Materials

Home

In case of a hazardous material spill or exposure to infectious material, remain calm, and proceed as follows:

|   |   |
|---|---|
| Chemical and Solvent Spills: If spill involves per-sonal injury:            | <div><input type="checkbox"/> Remove Clothing</div> <div><input type="checkbox"/> Flush with warm tap water for 15 minutes</div> <div><input type="checkbox"/> Call 911 from a campus phone or 537-7777 from a cell phone.</div>  |
| If immediate hazard exists or medical assistance is required:               | <div><input type="checkbox"/> Call 911 from a campus phone or 537-7777 from a cell phone.</div> <div><input type="checkbox"/> Immediately evacuate and limit access to the affected area.</div> <div><input type="checkbox"/> All evacuations should be upwind from the release location.</div> |
| For small spills/those not involving immediate danger to lives or property: | <div><input type="checkbox"/> Confine the spill.</div> <div><input type="checkbox"/> Evacuate and secure the immediate area; limit access to authorized personnel.</div>  |
| Contact Environmental Health & Safety (EHS) (909) 537-5179                  | <div><input type="checkbox"/> Identify yourself and report the information.</div> <div><input type="checkbox"/> Be as specific as possible about the type, amount of the spill/material released.</div> <div><input type="checkbox"/> Provide the location of the spill.</div>                  |

**Picture of Hazardous Materials Page**

## **Testing**

Testing the page was simple in the browser. It was tested using Internet Explorer, Mozilla and Google Chrome, as well as the browser on the iPhone and Android device. There were no problems or unexpected formatting errors that occurred and the code was submitted for final review and compilation.

## **Useful Resources and Tutorials**

- JQuery Tutorial  
<http://www.w3schools.com/jquery/default.asp>
- HTML Tutorial  
<http://www.w3schools.com/html/>
- PHP Tutorial  
<http://php.net/manual/en/tutorial.php>
- Windows Phone (Hello World) Tutorial  
<http://www.appsbydel.com/blog/?p=9>

## **Final Thoughts**

This piece of Documentation only contains information detailing the Emergency Operations Manual, for further documentation on all of the parts of the project that I worked on, as well as the Source Code for the Windows Phone and also a list of websites with helpful resources and tutorials that I used throughout the course, please see the remaining files in the folder that contains this file.