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Web Tech Project 4 Explanation Document

Part 1: manifest.json line by line explanation

**Doing this in this document because json cannot have comments.**

This is the main important page for the extension, called manifest.json. You will need this to make a chrome extension.

{

"manifest\_version": 3, **//setting this as the version because it is the current chrome standard.**

"name": "Yellow-background-inator", **//Giving our extension a nice name**

"description": "Grabs the body tag and makes it #FFFF00", **//setting the description for the extension so users can understand what it actually does.**

"version": "1.0.0", **//setting an arbitrary version number because it does not matter**

"icons":{ **//getting our icons in, 16px, 48px, and 128px. Importing them from the images directory. (16x16, 48x48, 128x128 pixels)**

"16": "images/smile.png",

"48": "images/smile48image.png",

"128": "images/smileface128.png"

},

"page\_action": { **//setting up our page actions specifically default icons. These images will all appear in difference places.**

"default\_icon": {

"16": "images/smile.png", //**This image shows on the menu bar.**

"48": "images/smile48image.png", //**This image shows on the extension drop down menu**

"128": "images/smileface128.png" //**This image shows in extension list on the extension page.**

}

},

"content\_scripts": [{ //**Setting our content scripts. Matches means the scripts will activate on pages that match the URL. Using “<all\_urls”> so it should activate on all web pages that show their html body.**

"matches": ["<all\_urls>"],

"css": ["style.css"] **//This is the script to actually run, it runs the css page that has code to grab the body tag and to change the background color to yellow.**

}]

}

The other included files and folders are the images folder. Which contains the three different sized images that are used in this project. As well as the style.css file, which contains a three line piece of code which changes the background color to a bright #FFFF00 yellow. Finally, the included file explanationforproject4os is to share this information to everyone.