var imageCounter = 1;

/\* called when image is clicked \*/

function dumpDB() {

var url = "http://138.68.25.50:11751/query?op=dump";

//alert(url);

function reqListener() {

// PGH stuff here

var dumpString = this.responseText;

var tableObj = JSON.parse(dumpString);

// alert("length = " + tableObj.length);

for (r = 0; r < tableObj.length; r++) { //1st image is in INDEX 0 <-REMEMBER THIS??!!?!

var entireImgDivHold = document.createElement("div");

var imgDiv = document.createElement("div");

var img = document.createElement("img");

var labelBox = document.createElement("div");

imgDiv.id = "imageContainer" + imageCounter++;

imgDiv.className = "imageContainer";

img.id = "uploadImage";

var source = "http://138.68.25.50:11751/" + tableObj[r].fileName;

img.src = source;

fadeImage(img);

// labelBox.id = imgDiv.id + textParse.textContent;

labelBox.className = "labelBox";

labelBox.id = imgDiv.id + "labelBox";

var divInput = document.createElement("div");

var addLabelBox = document.createElement("input");

var addButton = document.createElement("button");

divInput.className = "inputLabelBox";

divInput.id = imgDiv.id + "inputLabelBox";

addLabelBox.placeholder = "Add label here...";

addLabelBox.type = "text";

addLabelBox.id = imgDiv.id + "AddLabelBox";

addLabelBox.className = "AddLabelBox";

var loaderDiv = document.createElement("div");

loaderDiv.className = "loaderDiv";

loaderDiv.id = imgDiv.id + "loaderDiv";

var overlayImage = document.createElement("img");

var overlayImageDiv = document.createElement("div");

overlayImage.src = "./photobooth/optionsTriangle.png";

overlayImage.className = "overlayImage";

overlayImage.id = imgDiv.id + "overlayImage";

overlayImageDiv.id = imgDiv.id + "overlayImageDiv";

overlayImageDiv.className = "overlayImageDiv";

var overlayPanel = document.createElement("div");

var changeTagsBox = document.createElement("text");

var addToFavoritesBox = document.createElement("text");

var threeDotsImage = document.createElement("img");

overlayPanel.className = "overlayPanel";

overlayPanel.id = imgDiv.id + "overlayPanel";

changeTagsBox.id = imgDiv.id + "changeTagsBox";

addToFavoritesBox.id = imgDiv.id + "addToFavoritesBox";

threeDotsImage.id = imgDiv.id + "threeDotsImage";

changeTagsBox.className = "changeTagsBox";

addToFavoritesBox.className = "addToFavoritesBox";

threeDotsImage.className = "threeDotsImage";

changeTagsBox.onclick = function() {

displayChangeTags(labelBox, addLabelBox)

};

overlayImage.onclick = function() {

changeOverlay(overlayImage.id, overlayPanel.id)

}; // This is how to set it to a function without having it be called

changeTagsBox.textContent = "change tags";

addToFavoritesBox.textContent = "add to favorites";

threeDotsImage.src = "./photobooth/optionsTriangle.png";

threeDotsImage.onclick = function() {

changeOverlayExpand(overlayImage.id, overlayPanel.id, imgDiv.id)

};

overlayPanel.appendChild(changeTagsBox);

overlayPanel.appendChild(addToFavoritesBox);

overlayPanel.appendChild(threeDotsImage);

addButton.id = imgDiv.id + "AddButton";

addButton.textContent = "Add";

addButton.className = "AddButton";

divInput.appendChild(addLabelBox);

divInput.appendChild(addButton);

addButton.onclick = function() {

addLabels(tableObj[r].fileName, imgDiv.id)

};

getLabels(tableObj[r].fileName, labelBox);

// Upload the item+label into the container and the container onto the webpage

overlayImageDiv.appendChild(overlayImage);

imgDiv.appendChild(overlayPanel);

imgDiv.appendChild(overlayImageDiv);

imgDiv.appendChild(img);

imgDiv.appendChild(labelBox);

imgDiv.appendChild(divInput);

entireImgDivHold.appendChild(imgDiv);

uploadItems.appendChild(entireImgDivHold);

unFadeImage(img);

// alert("imageCounter" + imageCounter);

}

//{"fileName":"eagle.jpg","labels":"DYING,DEATH,","favorite":0}

}

var oReq = new XMLHttpRequest();

oReq.addEventListener("load", reqListener);

oReq.open("GET", url); // Type Of Request, Who we request from

// Get is the app.get, it will use that to call on it

// URL is a string we create

oReq.send();

}

function getLabels(imgName, labelBox) {

var url = "http://138.68.25.50:11751/query?img=" + imgName + '&op=obtain'; // Change JPG

console.log("in getLabels");

// becomes method of request object oReq

function reqListener() {

var pgh = labelBox;

var stringSplit = this.responseText.split(',');

for (i = 0; i < stringSplit.length; i++) {

if (stringSplit[i] == '')

continue;

var divBox = document.createElement("div");

divBox.className = "labelItem";

divBox.id = labelBox.id + "labelItem" + (i + 1);

var deleteImageDiv = document.createElement("div");

deleteImageDiv.className = "removeLabelDiv";

deleteImageDiv.id = "removeLabelDiv" + (i + 1);

// We need to go in here and select every removeLabelDiv, so we can use the class to parse and then rotate through i

var deleteImageLabel = document.createElement("img");

deleteImageLabel.src = "./photobooth/removeTagButton.png";

deleteImageLabel.id = "removeLabel" + (i + 1);

deleteImageLabel.className = "removeLabel";

deleteImageDiv.appendChild(deleteImageLabel);

var newLabel = document.createTextNode(stringSplit[i]);

newLabel.id = "labelProperty" + (i + 1);

newLabel.className = "labelProperty";

function createDeleteLabels(currentDivID, imageLabel, labelName) {

return function() {

var url = "http://138.68.25.50:11751/query?img=" + imageLabel + '&op=delete&label=' + labelName; // Change JPG

// alert(url);

// alert(currentDivID);

var deleteElement = document.getElementById(currentDivID);

deleteElement.parentNode.removeChild(deleteElement);

function reqListener() {

}

var oReq = new XMLHttpRequest();

oReq.addEventListener("load", reqListener);

oReq.open("GET", url); // Type Of Request, Who we request from

// Get is the app.get, it will use that to call on it

// URL is a string we create

oReq.send();

};

}

divBox.onclick = createDeleteLabels(labelBox.id + "labelItem" + (i + 1), imgName, stringSplit[i]);

divBox.appendChild(deleteImageDiv);

divBox.appendChild(newLabel);

pgh.appendChild(divBox);

}

}

var oReq = new XMLHttpRequest();

oReq.addEventListener("load", reqListener);

oReq.open("GET", url); // Type Of Request, Who we request from

// Get is the app.get, it will use that to call on it

// URL is a string we create

console.log("Test");

oReq.send();

}

function uploadFile() {

var url = "http://138.68.25.50:11751";

// where we find the file handle

var selectedFile = document.getElementById('fileSelector').files[0];

var formData = new FormData();

// stick the file into the form

formData.append("userfile", selectedFile);

// more or less a standard http request

var oReq = new XMLHttpRequest();

// POST requests contain data in the body

// the "true" is the default for the third param, so

// it is often omitted; it means do the upload

// asynchornously, that is, using a callback instead

// of blocking until the operation is completed.

oReq.open("POST", url, false);

oReq.onload = function() {

// the response, in case we want to look at it

console.log(oReq.responseText);

}

oReq.send(formData);

}

function readFile() {

var selectedFile = document.getElementById('fileSelector').files[0];

var image = document.getElementById('theImage');

var fr = new FileReader();

// anonymous callback uses file as image source

fr.onload = function() {

image.src = fr.result;

};

fr.readAsDataURL(selectedFile); // begin reading

}

function clicked() // Test function

{

window.location.href = "http://138.68.25.50:11751/weatherApp.html";

}

function clickedUpload() {

var selectedFile = document.getElementById('fileSelector').files[0];

var image = document.getElementById('uploadBar');

var fr = new FileReader();

// anonymous callback uses file as image source

fr.onload = function() {

image.src = fr.result;

};

fr.readAsDataURL(selectedFile); // begin reading

}

function clickedFavorites() {

window.alert("Favorite clicked");

}

function submitSearch() {

if (e.keyCode == 13) {

window.alert("Enter Pressed");

var text = document.getElementById("searchBox").value;

window.alert(text);

return false;

}

}

function selectFileName() {

var fileName = document.getElementById("fileName");

var file = document.getElementById('fileSelector');

var extract = document.createTextNode(file.value);

var sendText = document.createTextNode(extract.textContent.replace("C:\\fakepath\\", ""));

if (sendText.nodeValue == "") {

fileName.innerHTML = "No file selected";

return;

}

fileName.innerHTML = "";

fileName.appendChild(sendText);

}

function addLabels(imgName, label) {

var labelQuery = document.getElementById(label + "AddLabelBox").value;

var url = "http://138.68.25.50:11751/query?img=" + imgName + '&op=add&label=' + labelQuery; // Change from JPG

function reqListener() {

var pgh = document.getElementById(label + "labelBox");

var divBox = document.createElement("div");

divBox.className = "labelItem";

/\*\* HERE IT IS IMPORTANT DIVBOX ID NEEDS TO BE HERE FOR THE ADD \*/

var deleteImageLabel = document.createElement("img");

deleteImageLabel.src = "./photobooth/removeTagButton.png";

deleteImageLabel.id = "removeLabel";

var newLabel = document.createTextNode(labelQuery);

divBox.appendChild(deleteImageLabel);

divBox.appendChild(newLabel);

pgh.appendChild(divBox);

}

var oReq = new XMLHttpRequest();

oReq.addEventListener("load", reqListener);

oReq.open("GET", url); // Type Of Request, Who we request from

// Get is the app.get, it will use that to call on it

// URL is a string we create

oReq.send();

}

function loadItem() // We can probably have a div that appends and then inside of that div do another append

{

// console.log("HELLOO?!?!!!!!!~~~~~~~~");

// var incrementCounter = new Counter();

if (uploadItems.childElementCount >= 12) {

alert("No more items can be appended. Please finish processing your photos.");

return;

}

// uploadFile();

var entireImgDivHold = document.createElement("div");

entireImgDivHold.className = "entireImgDivHold";

entireImgDivHold.id = "entireImgDivHold" + imageCounter;

var imgDiv = document.createElement("div");

var img = document.createElement("img");

var labelBox = document.createElement("div");

var url = "http://138.68.25.50:11751";

// where we find the file handle

var selectedFile = document.getElementById('fileSelector').files[0];

var selectedFileName = document.getElementById('fileSelector').files[0].name;

var formData = new FormData();

// stick the file into the form

formData.append("userfile", selectedFile);

console.log("selectedFile = " + selectedFileName);

imgDiv.id = "imageContainer" + imageCounter++;

imgDiv.className = "imageContainer";

img.id = "uploadImage";

labelBox.className = "labelBox";

labelBox.id = imgDiv.id + "labelBox";

function uploadCallback() {

var pgh = labelBox;

var labels = this.responseText;

var stringSplit = labels.split(',');

for (i = 0; i < stringSplit.length; i++) {

if (stringSplit[i] == '')

continue;

var divBox = document.createElement("div");

divBox.className = "labelItem";

divBox.id = pgh.id + "labelItem" + (i + 1);

var deleteImageDiv = document.createElement("div");

deleteImageDiv.className = "removeLabelDiv";

deleteImageDiv.id = "removeLabelDiv" + (i + 1);

var deleteImageLabel = document.createElement("img");

deleteImageLabel.src = "./photobooth/removeTagButton.png";

deleteImageLabel.className = "removeLabel";

deleteImageDiv.appendChild(deleteImageLabel);

var newLabel = document.createTextNode(stringSplit[i]);

newLabel.id = "labelProperty" + (i + 1);

newLabel.className = "labelProperty";

function createDeleteLabels(currentDivID, imageLabel, labelName) {

return function() {

var url = "http://138.68.25.50:11751/query?img=" + imageLabel + '&op=delete&label=' + labelName; // Change JPG

// alert(url);

// alert(currentDivID);

var deleteElement = document.getElementById(currentDivID);

deleteElement.parentNode.removeChild(deleteElement);

function reqListener() {

}

var oReq = new XMLHttpRequest();

oReq.addEventListener("load", reqListener);

oReq.open("GET", url); // Type Of Request, Who we request from

// Get is the app.get, it will use that to call on it

// URL is a string we create

oReq.send();

};

}

divBox.onclick = createDeleteLabels(labelBox.id + "labelItem" + (i + 1), selectedFileName, stringSplit[i]);

divBox.appendChild(deleteImageDiv);

divBox.appendChild(newLabel);

pgh.appendChild(divBox);

}

}

var oReq = new XMLHttpRequest();

oReq.addEventListener("load", uploadCallback);

oReq.open("POST", url, true, uploadCallback);

oReq.send(formData);

/\* These lines up until textParse are used to get just the eagle part \*/

var file = document.getElementById('fileSelector');

var extract = document.createTextNode(file.value);

var sendText = document.createTextNode(extract.textContent.replace("C:\\fakepath\\", ""));

var typeSplit = sendText.textContent.split(".");

// alert(typeSplit[0] + "." + typeSplit[1]);

var textParse = document.createTextNode(sendText.textContent.replace("." + typeSplit[0], "")); // Change .jpg

// alert(textParse.textContent);

if (sendText.nodeValue == "") {

fileName.innerHTML = "No file selected";

return;

}

var fr = new FileReader(); // anonymous callback uses file as image source

fr.onload = function() {

// First check to see that we have enough space per file.

/\* Create an image and labelbox and store it inside of a box \*/

img.src = fr.result;

fadeImage(img);

//labelBox.id = imgDiv.id + textParse.textContent;

var divInput = document.createElement("div");

var addLabelBox = document.createElement("input");

var addButton = document.createElement("button");

divInput.className = "inputLabelBox";

divInput.id = imgDiv.id + "inputLabelBox";

addLabelBox.placeholder = "Add label here...";

addLabelBox.type = "text";

addLabelBox.id = imgDiv.id + "AddLabelBox";

addLabelBox.className = "AddLabelBox";

var loaderDiv = document.createElement("div");

loaderDiv.className = "loaderDiv";

loaderDiv.id = imgDiv.id + "loaderDiv";

var overlayImage = document.createElement("img");

var overlayImageDiv = document.createElement("div");

overlayImage.src = "./photobooth/optionsTriangle.png";

overlayImage.className = "overlayImage";

overlayImage.id = imgDiv.id + "overlayImage";

overlayImageDiv.id = imgDiv.id + "overlayImageDiv";

overlayImageDiv.className = "overlayImageDiv";

var overlayPanel = document.createElement("div");

var changeTagsBox = document.createElement("text");

var addToFavoritesBox = document.createElement("text");

var threeDotsImage = document.createElement("img");

overlayPanel.className = "overlayPanel";

overlayPanel.id = imgDiv.id + "overlayPanel";

changeTagsBox.id = imgDiv.id + "changeTagsBox";

addToFavoritesBox.id = imgDiv.id + "addToFavoritesBox";

threeDotsImage.id = imgDiv.id + "threeDotsImage";

changeTagsBox.className = "changeTagsBox";

addToFavoritesBox.className = "addToFavoritesBox";

threeDotsImage.className = "threeDotsImage";

changeTagsBox.onclick = function() {

displayChangeTags(labelBox, addLabelBox)

};

overlayImage.onclick = function() {

changeOverlay(overlayImage.id, overlayPanel.id)

}; // This is how to set it to a function without having it be called

changeTagsBox.textContent = "change tags";

addToFavoritesBox.textContent = "add to favorites";

threeDotsImage.src = "./photobooth/optionsTriangle.png";

threeDotsImage.onclick = function() {

changeOverlayExpand(overlayImage.id, overlayPanel.id, imgDiv.id)

};

overlayPanel.appendChild(changeTagsBox);

overlayPanel.appendChild(addToFavoritesBox);

overlayPanel.appendChild(threeDotsImage);

addButton.id = imgDiv.id + "AddButton";

addButton.textContent = "Add";

addButton.className = "AddButton";

divInput.appendChild(addLabelBox);

divInput.appendChild(addButton);

addButton.onclick = function() {

addLabels(selectedFileName, imgDiv.id)

};

// setTimeout(function(), 3000);

// Upload the item+label into the container and the container onto the webpage

overlayImageDiv.appendChild(overlayImage);

imgDiv.appendChild(overlayPanel);

imgDiv.appendChild(overlayImageDiv);

imgDiv.appendChild(img);

imgDiv.appendChild(labelBox);

imgDiv.appendChild(divInput);

entireImgDivHold.appendChild(imgDiv);

uploadItems.appendChild(entireImgDivHold);

unFadeImage(img);

// getLabels(textParse.textContent, labelBox);

};

//~~~~~~!!!~~~~~~~~

fr.readAsDataURL(selectedFile); // begin reading

}

function displayChangeTags(labelBox) // We have to pass in the labels here not the box, so change this when we have get label correct

{

var displayDelete = document.getElementById(labelBox.id);

displayDelete.style.display = "inline-flex";

}

function changeOverlay(overlayImage, overlayPanel) {

var overlayImageChange = document.getElementById(overlayImage);

var overlayPanelChange = document.getElementById(overlayPanel);

overlayImageChange.style.display = "none";

overlayPanelChange.style.display = "inline-flex";

}

function changeOverlayExpand(overlayImageID, overlayPanelID, imgDivID) {

var overlayImageChange = document.getElementById(overlayImageID);

var overlayPanelChange = document.getElementById(overlayPanelID);

var imageContainerHover = document.getElementById(imgDivID);

overlayImageChange.style.display = "";

overlayImageChange.style.position = "absolute";

overlayImageChange.style.right = "-2px";

overlayImageChange.style.bottom = "-2px";

overlayImageChange.style.height = "20%";

overlayImageChange.style.width = "20%";

overlayPanelChange.style.display = "none";

}

function fadeImage(img) // Uncomment the lines below for original

{

img.style.opacity = 0.5; // This is all that's required to fade

}

function unFadeImage(img) // Pass in the image that needs to be unfaded

{

img.style.opacity = 1.0;

}

function focusBox() // Put the focus on the searchbox

{

document.getElementById("searchBox").focus();

}

function filterSearch() {

var keyword = document.getElementById("searchBox").value;

// alert("called filterSrch Btn. keyword = " + keyword);

if(keyword.textContent == "" && keyword.onkeyup)

{

clearSearch();

}

var url = "http://138.68.25.50:11751/query?op=filter&label=" + keyword;

// alert(url);

function filterReqListener() {

var filterString = this.responseText;

// alert(filterString);

var filterArray = JSON.parse(filterString);

// alert("length = " + filterArray.length);

//remove all images from browser

var uploadItems = document.getElementById("uploadItems");

while (uploadItems.firstChild) {

uploadItems.removeChild(uploadItems.firstChild);

}

//add filtered images I THINK THIS WILL WORK AFTER YOU DELETE IMAGES??

var imageCounter = 1;

for (r = 0; r < filterArray.length; r++) {

var entireImgDivHold = document.createElement("div");

var imgDiv = document.createElement("div");

var img = document.createElement("img");

var labelBox = document.createElement("div");

imgDiv.id = "imageContainer" + imageCounter++;

imgDiv.className = "imageContainer";

img.id = "uploadImage";

var source = "http://138.68.25.50:11751/" + filterArray[r].fileName;

img.src = source;

fadeImage(img);

// labelBox.id = imgDiv.id + textParse.textContent;

labelBox.className = "labelBox";

labelBox.id = imgDiv.id + "labelBox";

var divInput = document.createElement("div");

var addLabelBox = document.createElement("input");

var addButton = document.createElement("button");

divInput.className = "inputLabelBox";

divInput.id = imgDiv.id + "inputLabelBox";

addLabelBox.placeholder = "Add label here...";

addLabelBox.type = "text";

addLabelBox.id = imgDiv.id + "AddLabelBox";

addLabelBox.className = "AddLabelBox";

var loaderDiv = document.createElement("div");

loaderDiv.className = "loaderDiv";

loaderDiv.id = imgDiv.id + "loaderDiv";

var overlayImage = document.createElement("img");

var overlayImageDiv = document.createElement("div");

overlayImage.src = "./photobooth/optionsTriangle.png";

overlayImage.className = "overlayImage";

overlayImage.id = imgDiv.id + "overlayImage";

overlayImageDiv.id = imgDiv.id + "overlayImageDiv";

overlayImageDiv.className = "overlayImageDiv";

var overlayPanel = document.createElement("div");

var changeTagsBox = document.createElement("text");

var addToFavoritesBox = document.createElement("text");

var threeDotsImage = document.createElement("img");

overlayPanel.className = "overlayPanel";

overlayPanel.id = imgDiv.id + "overlayPanel";

changeTagsBox.id = imgDiv.id + "changeTagsBox";

addToFavoritesBox.id = imgDiv.id + "addToFavoritesBox";

threeDotsImage.id = imgDiv.id + "threeDotsImage";

changeTagsBox.className = "changeTagsBox";

addToFavoritesBox.className = "addToFavoritesBox";

threeDotsImage.className = "threeDotsImage";

changeTagsBox.onclick = function() {

displayChangeTags(labelBox, addLabelBox)

};

overlayImage.onclick = function() {

changeOverlay(overlayImage.id, overlayPanel.id)

}; // This is how to set it to a function without having it be called

changeTagsBox.textContent = "change tags";

addToFavoritesBox.textContent = "add to favorites";

threeDotsImage.src = "./photobooth/optionsTriangle.png";

threeDotsImage.onclick = function() {

changeOverlayExpand(overlayImage.id, overlayPanel.id, imgDiv.id)

};

overlayPanel.appendChild(changeTagsBox);

overlayPanel.appendChild(addToFavoritesBox);

overlayPanel.appendChild(threeDotsImage);

addButton.id = imgDiv.id + "AddButton";

addButton.textContent = "Add";

addButton.className = "AddButton";

divInput.appendChild(addLabelBox);

divInput.appendChild(addButton);

addButton.onclick = function() {

addLabels(filterArray[r].fileName, imgDiv.id)

};

getLabels(filterArray[r].fileName, labelBox);

// Upload the item+label into the container and the container onto the webpage

overlayImageDiv.appendChild(overlayImage);

imgDiv.appendChild(overlayPanel);

imgDiv.appendChild(overlayImageDiv);

imgDiv.appendChild(img);

imgDiv.appendChild(labelBox);

imgDiv.appendChild(divInput);

entireImgDivHold.appendChild(imgDiv);

uploadItems.appendChild(entireImgDivHold);

unFadeImage(img);

// alert("imageCounter" + imageCounter);

// }

}

}

var fReq = new XMLHttpRequest();

fReq.addEventListener("load", filterReqListener);

fReq.open("GET", url); // Type Of Request, Who we request from

fReq.send();

}

function clearSearch() {

var textBoxClear = document.getElementById("searchBox");

textBoxClear.value = "";

var uploadItems = document.getElementById("uploadItems");

while (uploadItems.firstChild) {

uploadItems.removeChild(uploadItems.firstChild);

}

dumpDB();

}