SPRINT 4 JAVA SCRIPT CODE

```javascript
'use
strict'
        const demo = document.querySelector('#demo');
        const imageUpload = document.getElementById('imageupload');
        const dataAttributeEL = document.querySelectorAll(`div[data-type]`);
        const displayAll = function () {
            dataAttributeEL.forEach(el => {
                el.classList.remove('hidden')
            })
        }


        imageUpload.addEventListener('change', (event) => {
            const fileList = event.target.files[0];

            //console.log(URL.createObjectURL(fileList));
            if (fileList) {
                demo.src =URL.createObjectURL(fileList);
            }
            displayAll();

        });

        const prediction = document.querySelector('#result')
        dataAttributeEL.forEach(el => {
            if (el.dataset.type !== prediction.innerHTML.trim()) {
                el.classList.add('hidden')
            };
        })
        Footer
```

MAIN JAVA SCRIPT CODE

```javascript
$(document).ready(function
() {
                                // Init
                                $('.image-section').hide();
                                $('.loader').hide();
                                $('#result').hide();

                                // Upload Preview
                                function readURL(input) {
                                    if (input.files && input.files[0]) {
                                        var reader = new FileReader();
                                        reader.onload = function (e) {
                                            $('#imagePreview').css('background-image',
'url(' + e.target.result + ')');
                                            $('#imagePreview').hide();
                                            $('#imagePreview').fadeIn(650);
                                        }
                                        reader.readAsDataURL(input.files[0]);
                                    }
                                }
                                $("#imageUpload").change(function () {
                                    $('.image-section').show();
                                    $('#btn-predict').show();
                                    $('#result').text('');
                                    $('#result').hide();
                                    readURL(this);
                                });

                                // Predict
                                $('#btn-predict').click(function () {
                                    var form_data = new FormData($('#upload-file')[0]);

                                    // Show loading animation
                                    $(this).hide();
                                    $('.loader').show();

                                    // Make prediction by calling api /predict
                                    $.ajax({
                                        type: 'POST',
                                        url: '/predict',
                                        data: form_data,
                                        contentType: false,
                                        cache: false,
                                        processData: false,
                                        async: true,
                                        success: function (data) {
```

```
                        // Get and display the result
                        $('.loader').hide();
                        $('#result').fadeIn(600);
                        $('#result').text('Prediction: '+data);
                        console.log('Success!');
                },
            });
        });

    });
```