

Embedded Face Detector System Capstone Project Report

Team #5: Pranav Puritipati, Dongyeong Kim, Prem Chandrasekhar

ENEE408M: Section 0101

Shuvra Bhattacharyya

05/09/2022

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Signature (Approval) of Each Team Member

Pranav Puritipati

Dongyeong Kim

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Executive Summary

Main Body

Goals and Design Overview

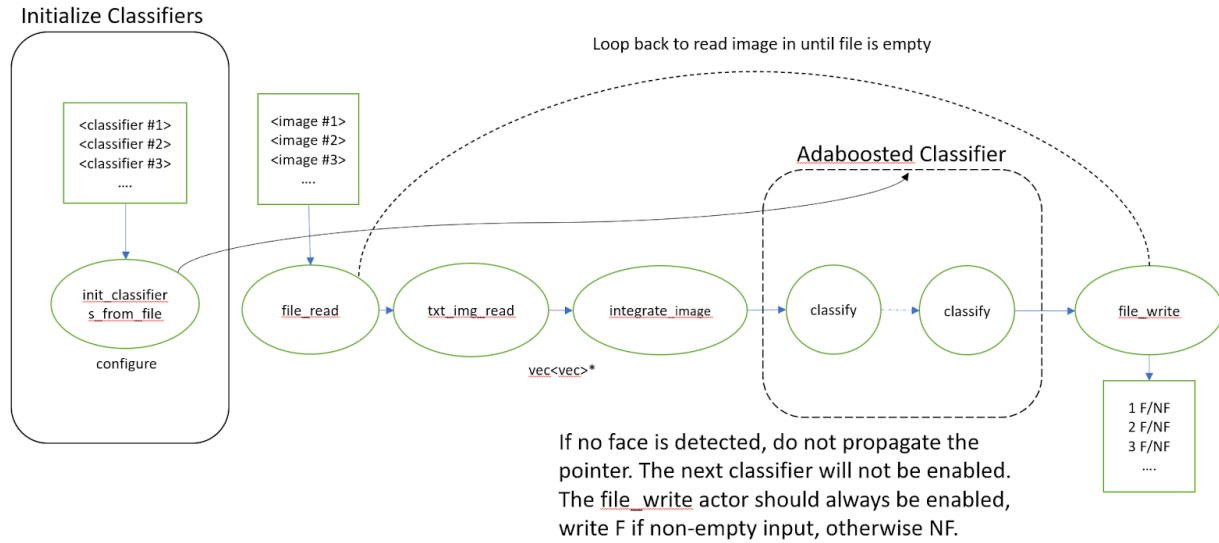


Figure 1: Dataflow Graph for Embedded Face Detector System Application

As illustrated in Fig. 1, the dataflow graph contains six types of actors: `init_classifiers_from_file` (Classifier Read), `file_read` (Image Read), `txt_img_read` (Image to Text), `integrate_image` (Image Integrate), `classify` (Classify), and `file_write` (File Write). In each iteration of the dataflow graph, the

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