IDS Application Project

TO: Dr. Rolfe Sassenfeld

FROM: Caleb Carpenter <cmc007@nmsu.edu>; Lucio Rubio <junior\_@nmsu.edu>; Isai Rocha <irocha4@nmsu.edu>; Ashley Godinez a77go33@nmsu.edu; Taylor Antonich <tganton@nmsu.edu>

DATE: September 14, 2021

SUBJECT: Defining the Project

The following will give an overview of our class project, a web-based IDS application. It will include the scope of items included in this project, our deliverables that we have deemed important, the details of our environment and a detailed methodology document.

This project will include a web-based IDS packet-filtering application.

The outcome of the project will be an AWS-hosted web-app that allows us upload a .pcap file to be analyzed under multiple different signature filters to determine whether signatures are present. The program will return whether or not signatures where detected, and in what lines they were found.

The environment will include an AWS-hosted (cloud-based) web application.

The methodology will be a basic project flow document?

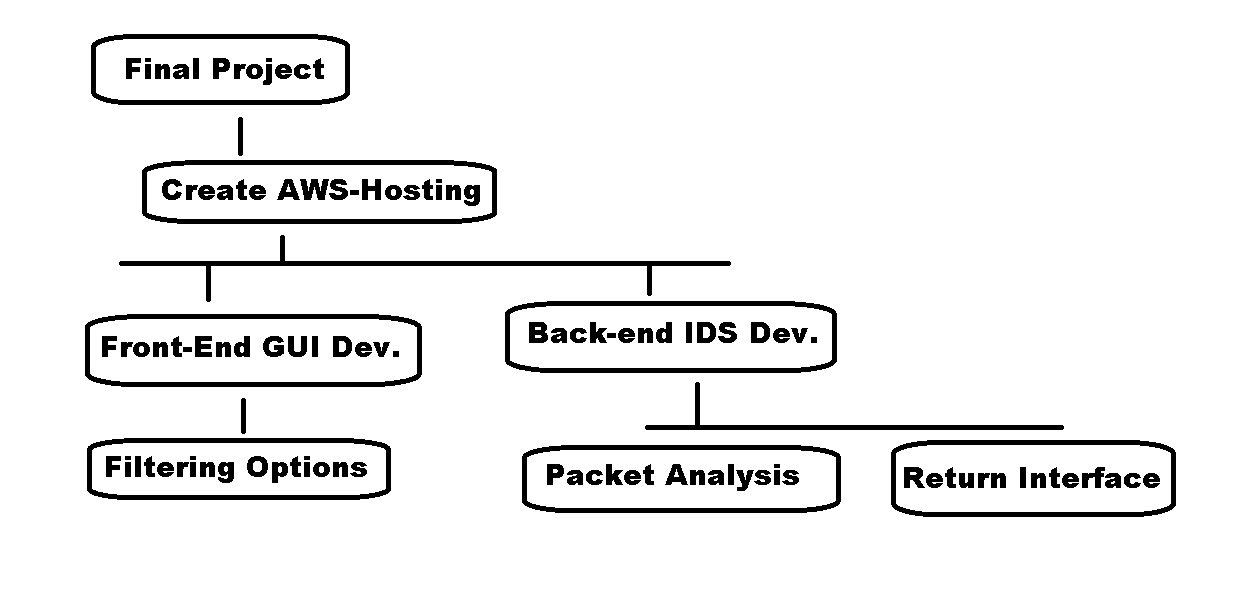


Figure - Methodology Flow Chart