

# OMIS 107 Final Project

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# Overview

## Objective:

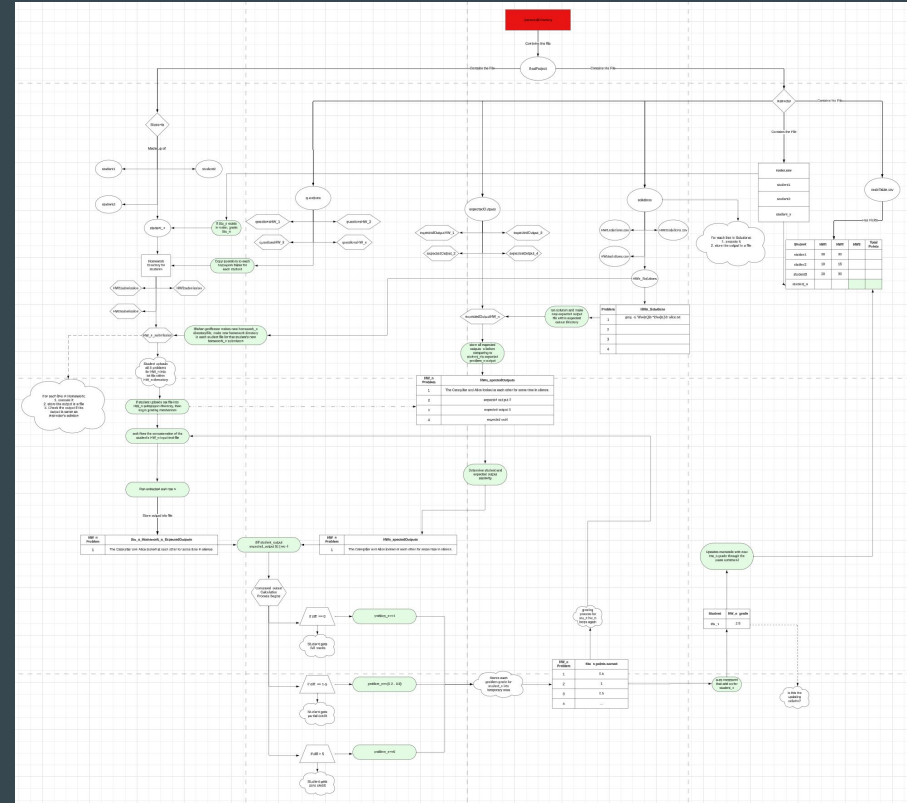
The new instructor of OMIS 107 is particularly lazy and wants a bash application that grades a given homework automatically.

## Our features:

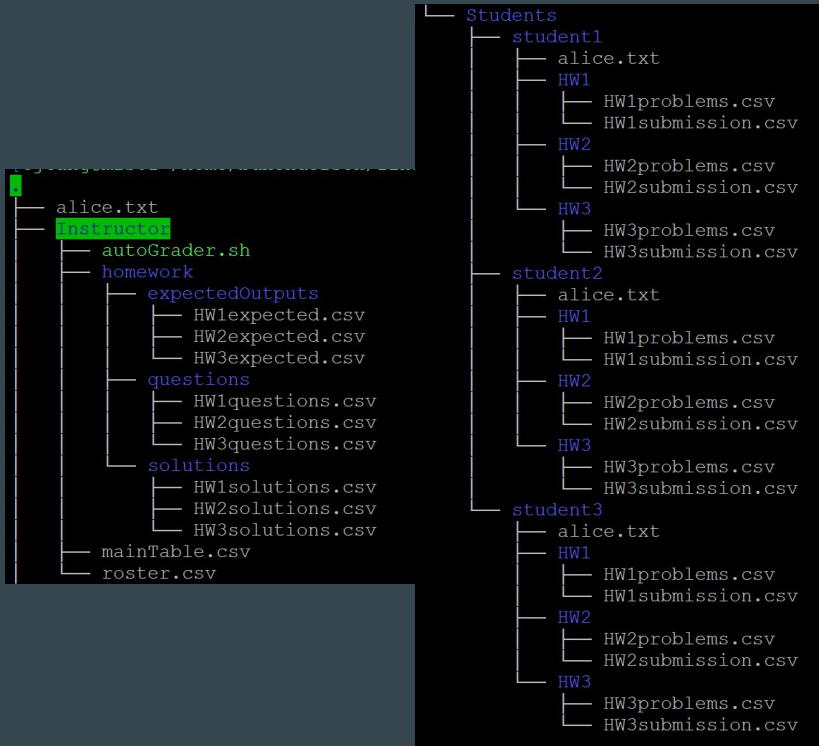
- Makes use of the roster to check which students need to be graded
- Run the solution and compare the output with the students' submissions
- Grades each problem based on how similar the submission is compared to the solution
- Adds up all points in a single homework submission and adds it to the gradebook

# Structure Planning

- To help us visualize the application, we created a flowchart
- The flowchart gave us a clear overview of the process and how each file/subdirectory would interact with each other
- This also enhanced our communication and collaboration when conceptualizing the application
- [Link to flowchart](#)



# File setup and organization



- We begun by structuring the directory based off of the flowchart
- We ran the tree command to help visualize what the overall structure would look like in Putty

**DEMO**