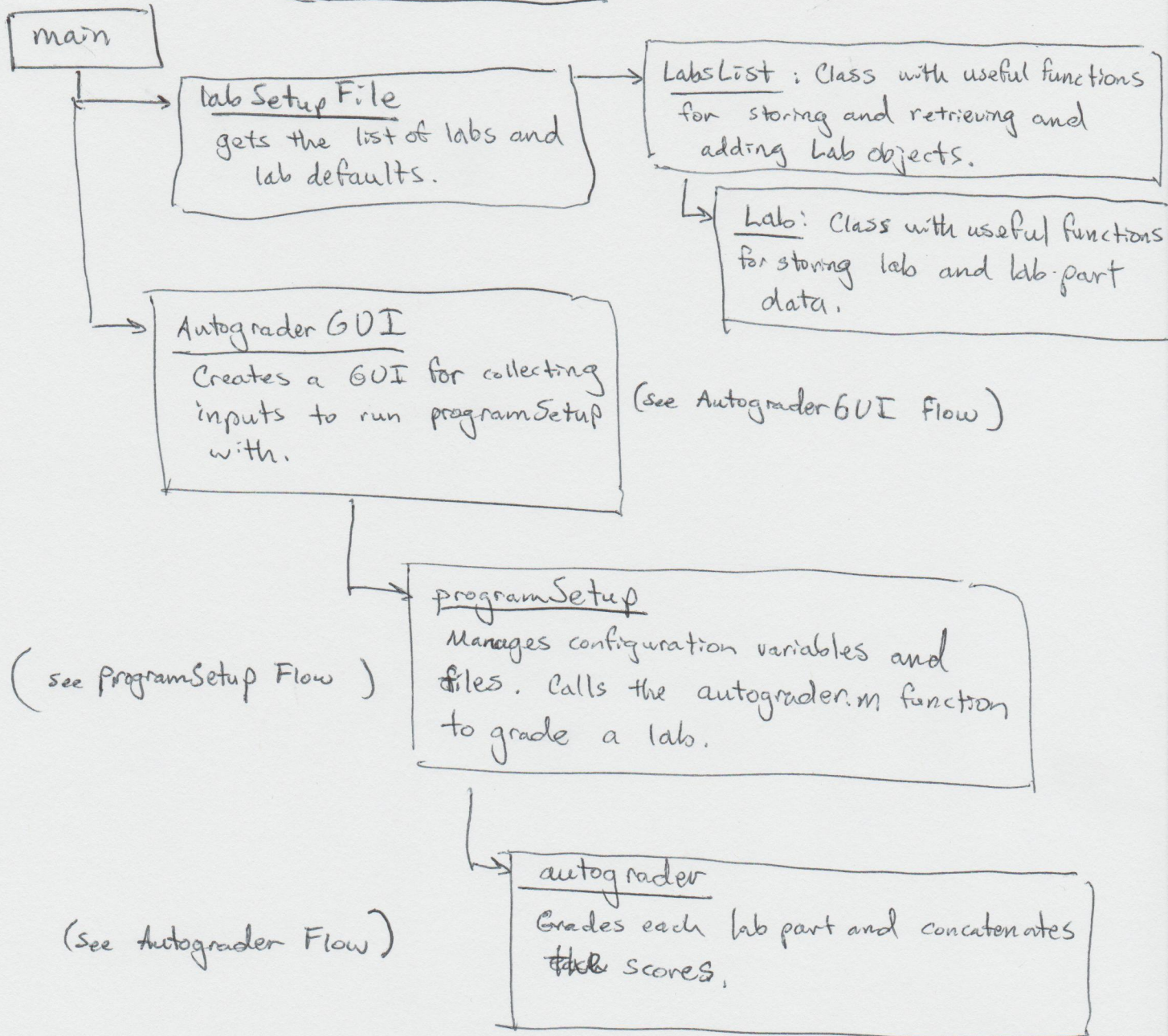


Big Picture Flow

8/29/18



Internal Functions

Autograder GUI

Constructor that calls other internal functions to make the graphic panels and setup the GUI.

makeSettingsGUI Creates panel with lab settings.

makeLabPartsGUI creates a panel for lab part settings.

updatePartMger Callback for lab selection drop-down box menu.

createLabPartPanels Creates lab part panels for the selected lab.

gradeLab "Grade" button callback; gets all GUI inputs, checks them, and calls programSetup

selectRosterFile creates dialogs and flow to select a new roster file.

External Functions/Classes

→ guiDatePicker: Class that makes a panel for a date picking selection box.

↳ uigetdate
makes a ~~pop~~ up dialog to select a date and time.

→ getLabPartPanel Makes a panel for the specified lab part.

→ programSetup

Program Setup Flow

8/29/18

programSetup

→ config Autograder : Passes out program-wide settings that are passed around.

→ getOrCreateLabRecord : Looks for previous grading efforts for this lab.

→ dynamicToStatic
converts a dynamic grades table to a static one.

→ log Manual Changes
unimplemented.

→ autograder
Grades each lab part and concatenates the scores into a master lab score table.

Checkpoint here.

→ upload Question Dialog boxes for L.S. and Google Drive uploads

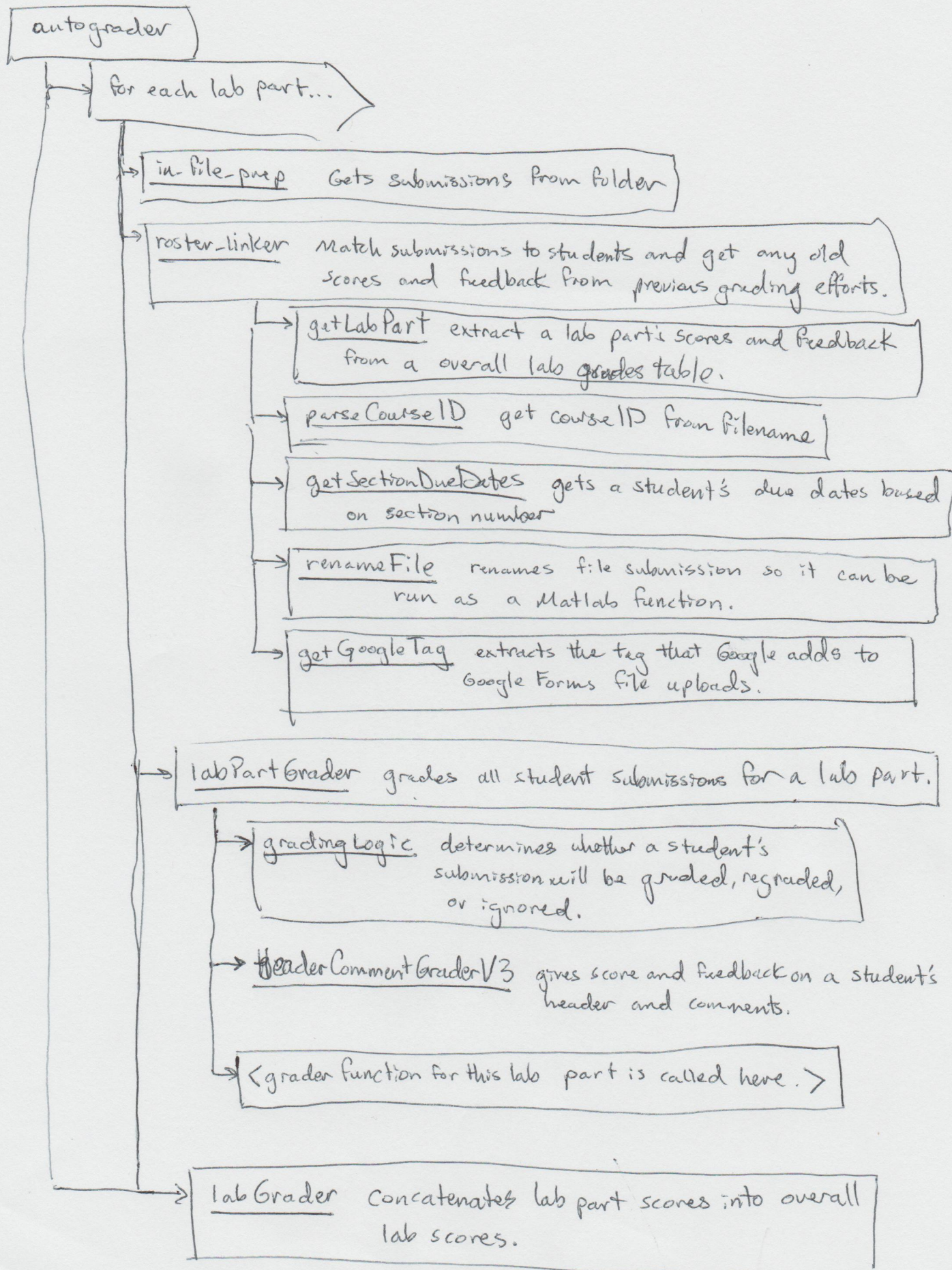
→ resetFeedbackFlags Changes lab grades table feedback flags from 1's to 2's

→ staticToDynamic converts a static grades table to a dynamic one

→ get_lab_part_score creates the dynamic formula for the lab part score (code, header, comments)

→ calculate_lab_score
Creates dynamic formula for overall lab score ~~mean~~ ^{mean} of all parts)

Files written out



Grading Logic

4/29/18

