**Technical Design Document Template**

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**Program Description:**

A program that allows you to input how many students they want to enter. Then enter each student’s first name and last name with the student’s three exam grades as integers and display it in a CSV file.

**Functions used in the Program (list in order as they are called):**

1. **Function Name:** write\_grades\_to\_csv

**Description:** Prints out what is being stated

**Parameters:** num\_students

**Variables:** try, except, return, with, for in, while, break, if

**Logical Steps:**

1. Print out a question
2. If valid asks for first name and last name with the last 3 exam scores.
3. Prints out the student’s grades in a CSV

**Returns:** print

2. **Function Name:** display\_grades\_from\_csv

**Description:** Codes what you put as responses intos a CSV file

**Parameters:** with open(‘grades.csv’ , ‘r’) as file:

**Variables:** try, with, as, for in, except, if

**Logical Steps:**

1. Creates a chart to display the information given
2. Prints out if the grades can be found or if there is an error

**Returns:** csv.reader(file), next(reader)

**Logical Steps:**

1. def write\_grades\_to\_csv
2. def display\_grades\_from\_csv

**Link to your repository:** <https://github.com/SethRoes/COP2373>

**Output Screenshot:**

A screenshot of a computer program

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