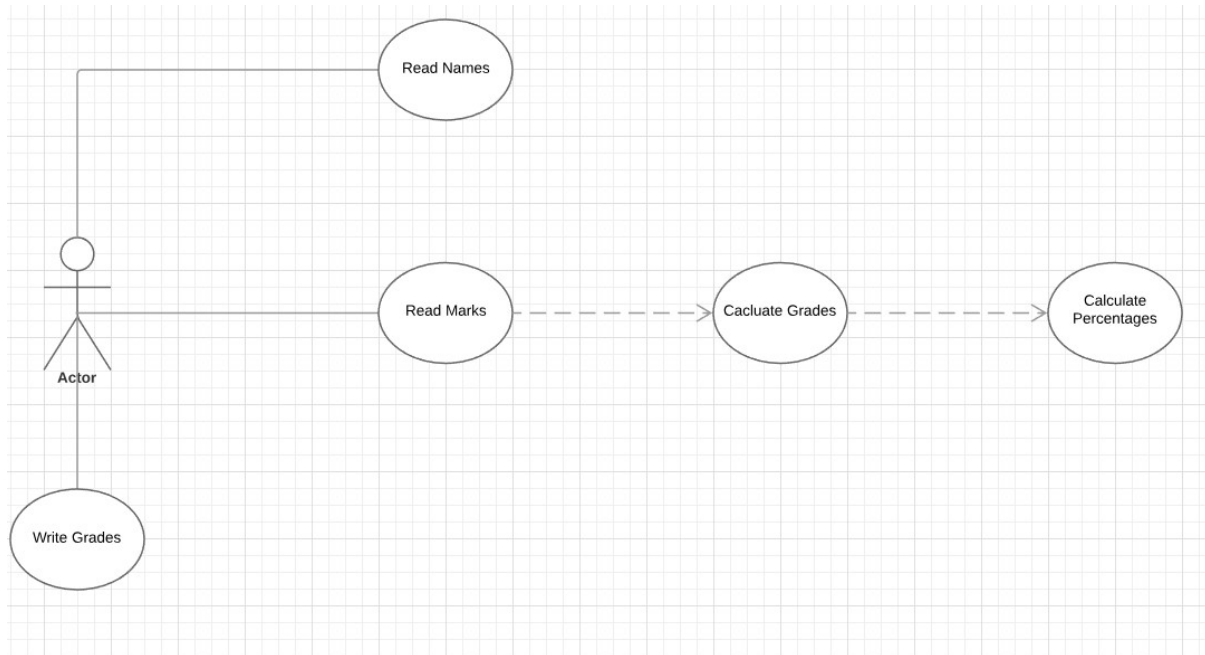


Student Grades Use Case Diagram



Read Names

Prompt the user to select a file containing student names, and read all the names from the file, and add them to the NamesListBox

Read Marks

Prompt the user to select a file containing student marks, and read all the marks from the file, and add them to the MarksListBox

Calculate Grades

Take each mark from the MarksListBox and convert it into a grade, add that grade to the GradesListBox

Calculate Percentages

Take each of the grades from the GradesListBox and count how many F, P, M and D grades there are. Add all the counts together to get the total number of grades. Then calculate the percentage of students who have obtained each of the grades. Display those percentages in the Percentages ListBox

Names File

Sam
Lennard
Jason
William
Alex
Jaymie
Ben
Akaashan

Marks File

33
44
66
33
77
88
77
100

Student Grades File

Sam, F
Lennard, P
Jason, M
William, F
Alex, M
Jaymie, D
Ben, M
Akaashan, D