

Ezedine Kargougou, Azaria Yemane, Kenneth Wans, Antoine Belhomme

## User stories

As a teacher

I want a file button

So I can see my different options

As a teacher

I want to load a roster as a cvs files

So I can visual the roster.

As a teacher

I want two scroll, one horizontal and one vertical

So I can scroll through the roster and all the different information.

As a teacher

I want to load an attendance as a cvs

So I can give my students the correct amount of credit for attending class.

As a teacher

I want to pick a date for attendance

So I can separate the different attendance.

As a teacher

I want a save my roster and attendance to a cvs file

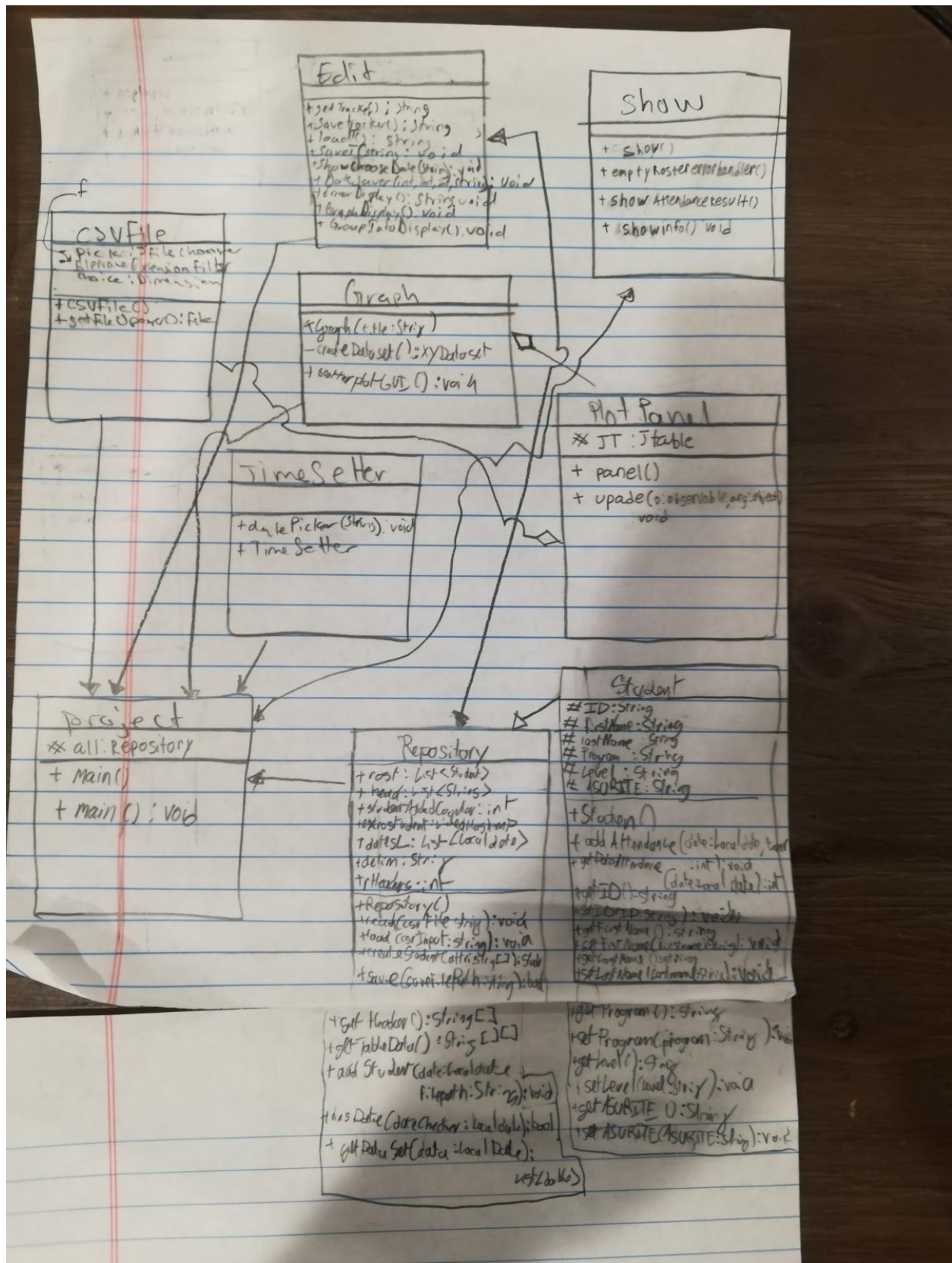
So I can keep a record of attendance

As a teacher

I want to plot attendance as a scatter plot

So I can visually track the attendance in the class

## Class Diagram



ScreenShots

AutoSave ON

test ...

Ezedine Kargougou (Student)

File Home Insert Draw Page Layout Formulas Data Review View Help Search

Paste

Font

Alignment

Number

Conditional Formatting

Format as Table

Cell Styles

Clipboard

Cells

Editing

Ideas

Sensitivity

Don't show again

Save As...

POSSIBLE DATA LOSS

Some features might be lost if you save this workbook in the comma-delimited (.csv) format. To preserve these features, save it in an Excel file format.

D9

A B C D E F G H I J K

1 12345 Javier Gonzalez CS Grad javiergz

2 24680 John Doe Engineer under johnd

3 13579 Ben Sillas art under benS

4 176 Azaria Yemane MAT Graduate ayemane42

5 345 Ezedine Kargougou CSE Undergrad ekargougou22

6 176 Azaria Yemane MAT Graduate ayemane42

7 456 Antoine Belhomme CE Undergrad tnorthcott45

8 567 Kenneth Wang bs Undergrad KWang21

9 678 Devin Booker sni Undergrad Dbooker13

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test

Enter

100%

AutoSave ON

add ...

Ezedine Kargougou (Student)

File Home Insert Draw Page Layout Formulas Data Review View Help Search

Paste

Font

Alignment

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E5

A B C D E F G H I J K

1 johnd 10

2 benS 25

3

4

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26

add

Enter

100%

CSE360 Final Project

File About

Open

Look In: Desktop

CSE360

test.csv

CSE360 project

CSE360

CSE360 hw3

Files

Greek myth

IEE360 project

MyApps

New folder

Test proof

add.csv

att.csv

Attendance.csv

outputTest.csv

File Name:

Files of Type: CSV Files

Open

Cancel

# CSE360 Final Project

File About

ID	First Name	Last Name	Program	Level	ASURITE
12345	Javier	Gonzalez	CS	Grad	javiergz
24680	John	Doe	Engineer	under	johnd
13579	Ben	Sillas	art	under	benS
176	Azaria	Yemane	MAT	Graduate	ayemane42
345	Ezedine	Kargougou	CSE	Undergrad	ekargougo...
176	Azaria	Yemane	MAT	Graduate	ayemane42
456	Antoine	Belhomme	CE	Undergrad...	tnorthcott45
567	Kenneth	Wang	bs	Undergrad...	KWang21
678	Devin	Booker	BSE	Undergrad...	Dbooker13

# CSE360 Final Project

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678	Devin	Booker	BSE	Undergrad...	Dbooker13

Calendar

Select date of attendance: 11/30/2020 ?

Confirm

## File About

ID	First Name	Last Name	Program	Level	ASURITE	2020-11-30
12345	Javier	Gonzalez	CS	Grad	javiergz	0
24680	John	Doe	Engineer	under	johnd	10
13579	Ben	Sillas	art	under	benS	25
176	Azaria	Yemane	MAT	Graduate	ayemane42	0
345	Ezedine	Kargougou	CSE	Undergrad	ekargougou...	0
176	Azaria	Yemane	MAT	Graduate	ayemane42	0
456	Antoine	Belhomme	CE	Undergrad...	tnorthcott45	0
567	Kenneth	Wang	bs	Undergrad...	KWang21	0
678	Devin	Booker	BSE	Undergrad...	Dbooker13	0



## Attendance Results



Data loaded for 2 users in the roster. 0 additional attendee(s) was found:

## File About

ID	First Name	Last Name	Program	Level	ASURITE	2020-11-30
12345	Javier	Gonzalez	CS	Grad	javiergz	0
24680	John	Doe	Engineer	under	johnd	10
13579	Ben	Sillas	art	under	benS	25
176	Azaria	Yemane	MAT	Graduate	ayemane42	0
345	Ezedine	Kargougou	CSE	Undergrad	ekargougou...	0
176	Azaria	Yemane	MAT	Graduate	ayemane42	0
456	Antoine	Belhomme	CE	Undergrad...	tnorthcott45	0
567	Kenneth	Wang	bs	Undergrad...	KWang21	0
678	Devin	Booker	BSE	Undergrad...	Dbooker13	0



Save



Save In: Desktop

test.csv

CSE360

CSE360 project

CSE365

CSE365 hw3

Files

Greek myth

IEE380 project

MyApps

New folder

Test proof

add.csv

att.csv

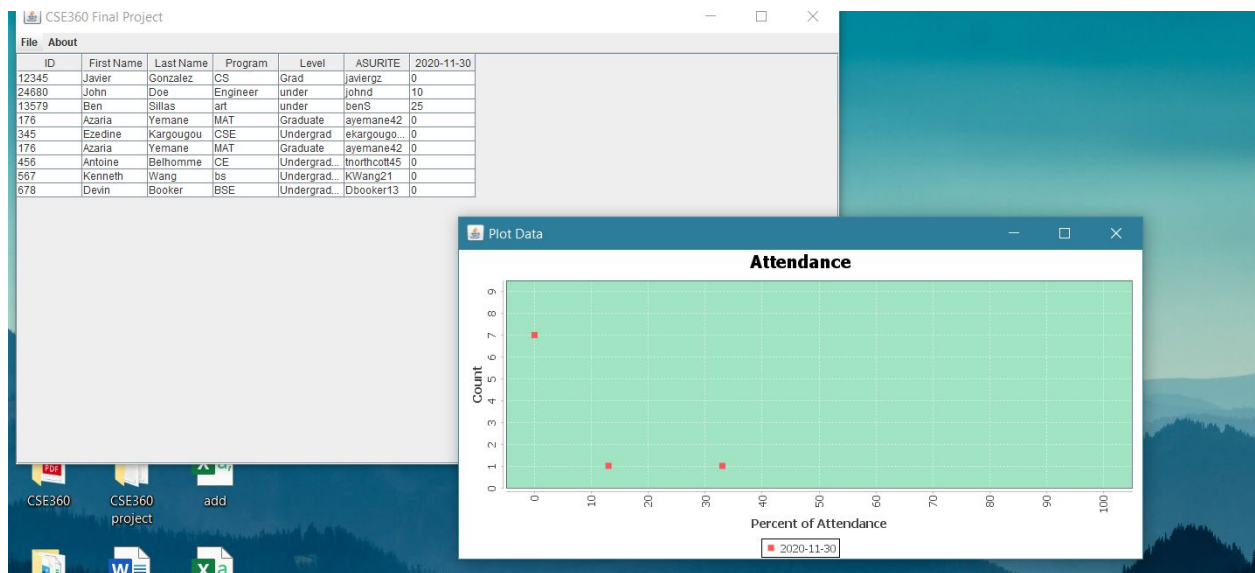
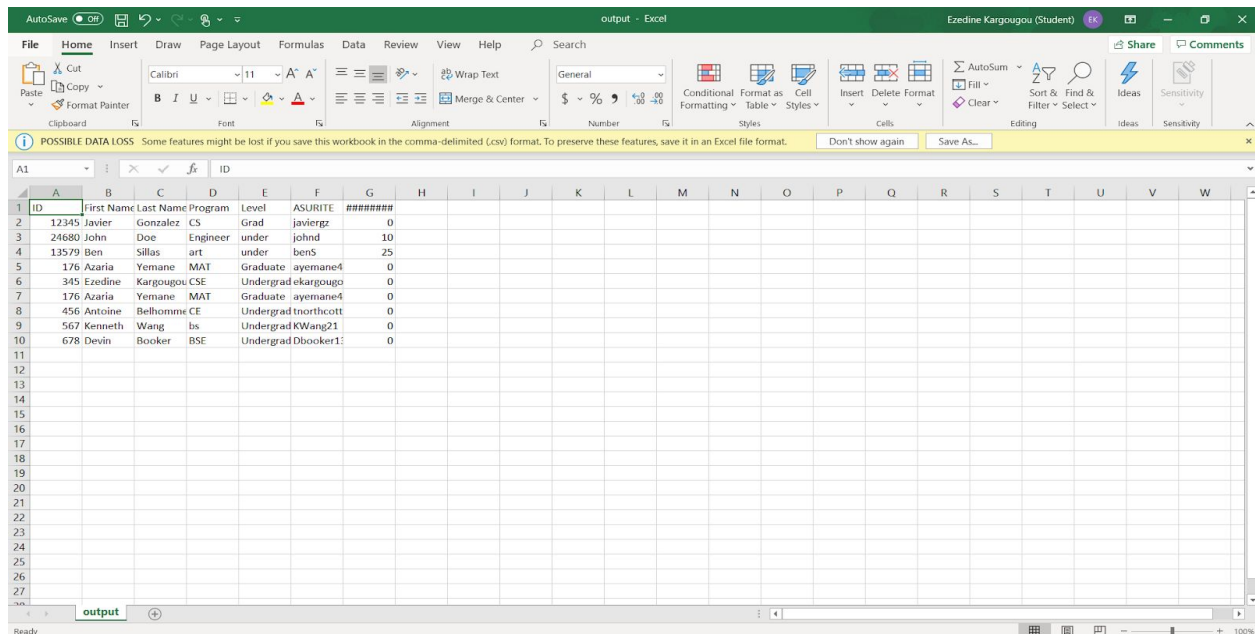
Attendance.csv

outputTest.csv

File Name: output

Files of Type: CSV Files

Save Cancel



## Testing

We decided to test our program ourselves to make sure when a grader will test it, he will get the correct result. We were not 100% sure how to make JUnit work. We tested different test cases but only recorded the one shown in the screenShots. Everything seemed to work just fine with no error and exception thrown at us.

## Project Management

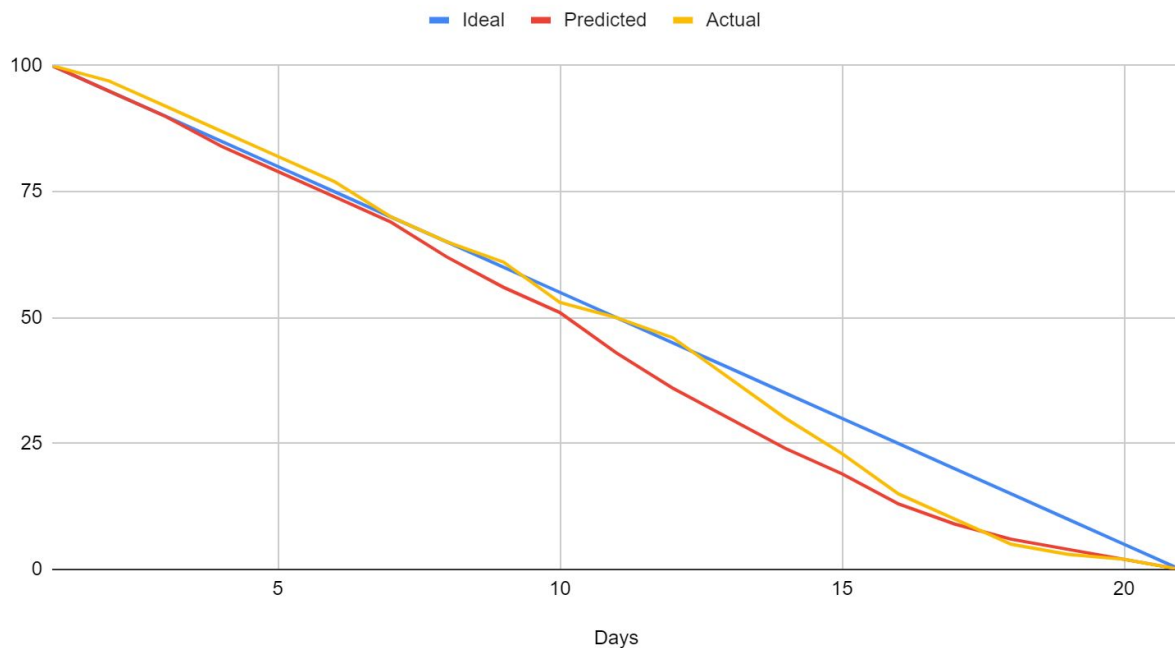
We decided to go with the Agile process model for a couple of reasons, first was to meet as much as possible to be sure that everyone was doing their parts. Starting this project near the end of the semester meant that every team member's schedules were pretty busy, we wanted everyone to meet at least once every two days with another team member just to check in. Ezedine Kargougou was our team leader, taking charges and working on the main ui. Azaria Yemane was in charge of saving the inputted data to



new cvs files. Kenneth Wang took care of graphing the inputted attendance data. Antoine Belhomme took care of loading the cvs file and made the burndown chart. We monitored the project by setting goals at the end of our meetings and at the beginning of the following meeting we checked from our list of goals and saw how much we got done and how much satisfied with our work we were. Some goals might have taken more time than wanted, but if the goal was hard, that's where the satisfaction part comes in and see if we were happy about our work or not.

## Burndown Chart

Burndown Chart



On our burndown chart, you can see 3 different graphs, the ideal graph was a constant decrease. But with the end of the semester moved up, finals moved up and Thanksgiving so close to our due date, we wanted to finish or atleast work more earlier on so we had less work to do around the end. That is our predicted graph. The yellow graph is our actual graph. We were always close to the ideal graph until the start of our 3 weeks where we started to pick up the pace. We got a lot done before Thanksgiving and only had to work a little bit more to finish the project.