

Team CM5: Pixel Spreadsheet
System Acceptance Plan

Product Description:

Our product is designed to teach CS students about how images work by converting back and forth to a spreadsheet format. The potential end users include students, teachers, IT administrators, and curriculum designers.

The product will be run from a stand-alone executable file on Mac OSX and Windows platforms. The product will primarily interact with Excel as the spreadsheet editor.

Strategy:

There are several avenues for the program to break or not run as designed. Since we are using a CSV format, there is no protection against several simple errors that can be introduced by typing in the wrong cell.

- Roles:
- Primary debugger - Eden
- Aid - Adam
- Document QA - Michael

Testing Strategy:

We will be performing unit testing. Initially, we will be using blackbox testing at each stage.

For images, blackbox testing is more meaningful at a higher level since it allows us to visually determine whether the underlying functions are broken.

We will be compiling a weekly list of bugs as we near a completed program. This list will be in a shared Google spreadsheet, linked below.

Final test Plan and notes:

<https://docs.google.com/document/d/1wsWvKLtdJkbSuGaebXnjXbyHTeWKrIUeVqssVcM6-VM/edit?hl=en&authkey=CM-9z78P>