Cover letter

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ME701

Final Project

In my final report I took all the comments and recommendations from the reviewers in to consideration.

For example:

1. Centered my name and affiliation.
2. Clearly stated in the conclusion what has been accomplished from my goal and what struggles I had when doing my project
3. Added the github repository to the paper so someone can actually test it out and see my processes.
4. Added more information and detail to describing what I am doing.
5. More figures and more information on the pictures are being included.
6. Changed the font of the included scripts
7. In regard of the confusing and explanations of my scripts; where the functions being called, and what module is being used. I explained in my report the 4 steps to creating a plot and visualization using VisIt's Python Interface as follows:

   # Step 1: Open a database; OpenDatabase("data.vts")

   # Step 2: Add plot: AddPlot("Pseudocolor", "phi") and AddPlot("Mesh", "mesh")

   # Step 3: Draw the plots: DrawPlots()

   # Step 4: Animate through time and save images
   for states in range(TimeSliderGetNStates()):
       SetTimeSliderState(state) SaveWindow()

   ➤ Please look at VisIt Python Interface Manual.
     http://www.visitusers.org/visit/PythonInterface1.5.3.pdf

8. Final report is available to the entire class on github: https://github.com/Zubieda/Project-ME701