

TO: Drs. Gabauer and Midkiff

FROM: BU ProPANE Team

RE: Project Status

DATE: October 31, 2012

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The purpose of this memo is to present the progress on the BU ProPANE project as well as summarize relevant information from the second panel.

The following list contains items that were to be completed in the past work period as well as the progress made by the BU ProPANE team. Please note that all of the items were completed.

- Finish technical specifications document  
Approved by Professor Thompson
- Complete research portion of background document  
Completed
- Complete related technologies portion of background document  
Completed
- Perform trade analysis to determine optimal capture system  
Image comparison has begun (see slideshow)
- Begin research on image processing services  
Investigated PIL and ImageJ (see slideshow)
- Contact Microsoft in hopes of obtaining source code  
Email was sent

The current state of the project is to configure the development environment that has been provided and tackle the image processing/Android development tasks. The goal for the remainder of the semester is to provide deliverables that each demonstrate that a single component of the system is feasible. Basically, the deliverables are “proof of concept” tasks. For more information regarding the individual tasks, refer to the Gantt chart on the Deliverables page on the official BU ProPANE website (<https://sites.google.com/site/bupropane/deliverables>).

The main topics of the panel (in addition to the progress and future plans) were: test procedures, image processing library selection, and post-analysis interface.