Tracking Bipolar Mood States with Survey Data  
Individual Project: Status #3

Timothy Crone  
tcrone3@gatech.edu

[GT GitHub Repository](https://github.gatech.edu/tcrone3/cs6440-individual)

[Patient Interface](https://launch.smarthealthit.org/?auth_error=&fhir_version_1=r4&fhir_version_2=r4&iss=&launch_pp=1&launch_url=https%3A%2F%2Fgithub.gatech.edu%2Fpages%2Ftcrone3%2Fcs6440-individual%2Fpatient%2Flaunch.html&patient=&prov_skip_auth=1&provider=&pt_skip_auth=1&public_key=&sb=&sde=&sim_ehr=0&token_lifetime=15&user_pt=)

[Provider Interface](https://launch.smarthealthit.org/?auth_error=&fhir_version_1=r4&fhir_version_2=r4&iss=&launch_ehr=1&launch_url=https%3A%2F%2Fgithub.gatech.edu%2Fpages%2Ftcrone3%2Fcs6440-individual%2Fprovider%2Flaunch.html&patient=&prov_skip_auth=1&provider=&pt_skip_auth=1&public_key=&sb=&sde=&sim_ehr=0&token_lifetime=15&user_pt=)

# Status 3: Activities

During week 14 I completed carryover work from week 13. This work included the following activity:

* Generate QuestionnaireResponse ‘history’: provider BDRS data

The following activities scheduled for week 14, comprising the remainder of the week’s plan, were also completed:

* Provider portal: read historical QuestionnaireResponse data
* Provider portal: chart mood and BDRS data independently

This completes the development of all tasks planned through the beginning of week 15.

# Status 3: Challenges

Reading the historical data and charting was not particularly complex; aside from paging through the results there were no surprises. I found that the display itself needed some tweaking to be usable, so a reasonable amount of effort was spent adjusting charting size, color, and density parameters.

# Status 3: Plans

The activities for week 15 include:

* Provider portal: align displays of BDRS and mood data by date/time
* Complete final documentation
* Complete final presentation and other deliverables