Team Name: sdmay21-26

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Report Period: Sept 14-Sept 27

Summary of Progress in this Period
- Continuation of analysis around KBase applications, especially Flux Balance Analysis
- Implementation of basic GUI inputs, with particular focus around primitive types
- Beginning research into rich input types, like multiple-selection inputs
- Basic implementation of a job manager, queue, and runner system

Pending Issues
- Figuring out how to implement large complicated inputs
- Determine how to generate permutations of advanced inputs
- Enhance error-states when runner encounters problems with KBase (latency, errors, etc)
- Determine how to best-render results to the user (tabular, outliers, etc)
- Implement export functionality for resultant data

Plans for Upcoming Reporting Period
- Work on Reaction to maximize input
- Work on Reaction knockout input
- Work on gene knockouts input for params
- Add randomized inputs for the user
- Record and register output logs to detect issues with tests
- Allow user to run multiple tests/jobs