## **△ Project Scrum Board** ₩ 1 ... ☐ Backlog 🔻 🗎 By priority Filter by keyword or by field Backlog 3 Ready 2 In progress 3 n review 0 ✓ Done 6 No Status 0 NextFlowLibrary-AutoLocationExecutor #4 NextFlowLibrary-AutoLocationExecutor #2 NextFlowLibrary-AutoLocationExecutor #3 NextFlowLibrary-AutoLocationExecutor #14 Library Testing Nextflow Library Implementation Techniques for Execution Configuration Develop technique to weight all location aware parameters. epic\_task epic\_task epic\_task **№** #30 task NextFlowLibrary-AutoLocationExecutor #5 NextFlowLibrary-AutoLocationExecutor #26 NextFlowLibrary-AutoLocationExecutor #31 Experimental Evaluation Modify existing workflow with location aware Configure dynamic weighting based on cluster performance speed and file sizes Create method to determine best list of epic\_task available nodes to execute on **№** #30 task NextFlowLibrary-AutoLocationExecutor #6 NextFlowLibrary-AutoLocationExecutor #32 Conclusion NextFlowLibrary-AutoLocationExecutor #18 Research into AWS epic\_task Allow for dynamic location selection **№** #29 task ○ NextFlowLibrary-AutoLocationExecutor #27 Verify clusterOptions sets the execution on correct node **№** #29 task NextFlowLibrary-AutoLocationExecutor #29 Cleandups dynamic location aware

+ Add item

+ Add item

+ Add item

+ Add item

+ Add item