

Keepify Project Metrics

For the duration of the project we plan on using the following process and product metrics to guide us to complete the MVP: sprint velocity, earned value chart, effort by type of activity, defect density, test coverage, SUMI. Keeping track of sprint velocity will allow the team to find optimal sprint capacity and help progress at a steady pace. Documenting and tracking earned value charts and effort by type of activity can help the team manage and increase productivity. Earned value charts will track project performance in terms of both schedule and cost per effort. Effort by type of activity will track where the team spends its time, helping identify bottlenecks. Calculating and documenting defect density will help the team identify problematic areas in the project and can track improvement over time. Implementing and documenting test coverages enables the team to find defects early and improve software quality. We strive to achieve 80% test coverage and believe this amount is sufficient to catch bugs and maintain product quality. The team also plans to utilize the SUMI to record user responses, allowing the team to track metrics such as efficiency, satisfaction, learnability, control, and helpfulness. Our sponsor strives to make this the most user-friendly application of its type on the market, and leveraging SUMI will be pivotal in helping us achieve it. Utilizing all of the metrics mentioned above will help the team improve process and product quality. Our main goal is to provide the sponsor with the MVP and tracking these metrics will help us achieve it.