

Team projects will be in teams of 4~5 students. The project will empirically assess the correlations between metrics in test coverage metrics and software quality attributes. For this aim, students have to select a set of appropriate metrics based on the existing literature. The project requires data collection (i.e., collecting coverage metrics and extracting software characteristics by mining software repositories), data analysis (i.e., correlation). The final deliverables are the developed code (i.e., code to collect the data and perform the statistical analysis), a maximum 8-page (2-column IEEE conference template) paper describing your empirical study and findings, and the project presentation in class.