

Abstract

Alterra Academy is a Coding Bootcamp that transforms beginners into powerful Tech Talents. The scope of the project to be carried out in this Independent Study program is a quality engineer (QE) on web and mobile based office booking applications as well as in the REST API and CI sections. The scope of work of the Quality Engineer team includes making Test Scenarios and Test Cases, Testing manuals, Testing Automation (Rest API, Web, Mobile), CI/CD and the results of testing automation. Because many companies do not have a real workspace to carry out their office activities or want to have their own office but are constrained by the cost of renting or buying expensive buildings. We created an office booking system with the aim that company owners can realize their dream of having their own office at an affordable cost and easy access to facilities. While waiting for the UI/UX, front end, backend, and mobile roles to complete their tasks, the QE role creates test plans and test cases. After a portion of the project can be run, the QE role will start testing until the project is fully completed.

Keywords: Independent study, Quality Engineer, Hospital Management System