**Related Work/Literature Review**

We use more tools to develop our project importantly among that we use Winium,sonarQube,Targetprocess and GitHub

SonarQube

We used SonarQube to analyze source codes, measuring quality and providing reports for our project. It combines static and dynamic analysis tools. It enables quality to be measured continuously over time. SonarQube is evaluate and inspect ,from minor styling details to critical design errors, Everything that affects our code base, thereby enabling to access and track code analysis data ranging from styling errors, potential bugs, and code defects to design inefficiencies, code duplication, lack of test coverage, and excess complexity. The Sonar platform analyzes source code from different aspects and hence it drills down to our code layer by layer, moving from the module level down to the class level. At each level, revealing problematic areas in the source that require inspection or improvement.

**Winium**

Winium is a Selenium based tool for testing and automating desktop applications on the Windows desktop. It is the tool that is built on Selenium, and interact with Windows applications. It is free and open source.

We use this to test our desktop application

**Targetprocess**

Targetprocessis a commercial agile project management tool that allows following a Scrum, Kanban, or customized approach. It provides an intuitive and rich visual interface to manage our project in a collaborative way.We use this to manage our project.

**GitHub**

Git is a version control system, we make constant changes to the code, keep these revisions straight, storing the modifications in a central repository. This allows us to easily collaborate, as they can download a new version of the software, make changes, and upload the newest revision. Our group members can see these new changes, download them, and contribute. It stores file changes more efficiently. We use this to integrate our project.