

## ABSTRACT

The vision of software Ag upgrade framework is to reduce the manual effort involved in the upgrade process by automating the possible manual steps. It also provides concise report of the remaining pre and post upgrade manual steps so that user can perform all pre and post upgrade manual steps without going through the upgrade guide.

In this project I have worked on two modules of the “**Software AG Upgrade framework**” named as **Scan Utility** and **Dynamic Doc Generation**.

The **Scan Utility** module runs before the actual upgrade procedure starts. This module helps “**Software AG Upgrade framework**” to find the name and corresponding version numbers of all the products installed in a directory of the user machine and validate the installation. This module also helps upgrade framework to find all the Fixes applied on the product Suite.

The dynamic DOC generation module helps upgrade framework to generate a document dynamically for products which user has selected for upgrade. This document will contain information regarding pre and post upgrade steps, need to be done manually.

Finally a user interface was created for these two modules and integrated those two modules.