**Software System Specification and project Plan**

COMP 450, Software Engineering

**PPG Invoice Recall System**

**KRSS**

Team leader: Stephen Tam

Ronald Jenkins, Seth Loew, Kory Stansbury

**Editor of this Document: Stephen Tam**

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PPG

400 Bertha Lamme Dr

Cranberry Township, PA

http://corporate.ppg.com/Home.aspx

Contact: Akos “Kosher” Nagy

400 Bertha Lamme Dr

Cranberry Township, PA

Kosher.nagy@ppg.com

724-742-5246

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**1.1**

**1.2 Overview of software product capabilities**

PPG Invoice Finder will provide PPG employees with a simple to use Windows Form application that locates customer invoices based on various search criteria, such as: customer ID, store ID, region ID, invoice number, date range, or any combination of these. PPG Invoice Finder will include multiple user adjustable settings that will extend the usefulness of the application. For example, not only will users be able to adjust locations that the Invoice Finder searches, but users will also be able to adjust the number of locations PPG Invoice Finder searches. Another setting provided will be the ability to choose between exporting the discovered invoice(s) as a ZIP file or large PDF file.

If PPG Invoice Finder determines the location(s) of the requested invoice(s), then it will bundle the discovered invoices into either a ZIP file or a large PDF file, depending on the user’s defined preference, so that the invoices can be easily distributed out to concerned parties. If PPG Invoice Finder cannot find the requested invoices, then it will determine where the invoice was corrupted, so that the user can request a regeneration of the invoice.

PPG Invoice Finder will have 3 screens. The first screen will be the search query screen that users input search criteria. The second screen will be the results screen that displays in a table format each invoice, its location, and a select box for exporting. The last screen will be the settings screen.

Because PPG Invoice Finder is only “reading” and copying data, we are not concerned with data corruption caused by it.