**5 Task breakdown for the conduct of the project**

Using a task breakdown analysis, team KRSS has identified XX individually scheduled subtasks, requiring a total of XX person-hours.

**5.1 Documentation preparation**

**5.1.1 Subtask—Project description and elevator talk**

This task involved 4 individuals and required 4 person-hours

**5.1.2 Subtask—System specification / Project plan and classroom presentation**

This task involved 4 individuals and required XX person-hours

**5.1.3 Subtask—Logic Flow diagram**

This task will involve 4 individuals and require 4 person-hours.

**5.1.4 Subtask—Test-Case list**

This task will involve 4 individuals and require 2 person-hours.

**5.1.5 Subtask—Increment 1 plan**

This task will involve 4 individuals and require 4 person-hours.

**5.1.6 Subtask—Increment 2 plan**

This task will involve 4 individuals and require 4 person-hours.

**5.1.7 Subtask—Midterm Report**

This task will involve 4 individuals and require 8 person-hours.

**5.1.8 Subtask—Increment 3 plan**

This task will involve 4 individuals and require 4 person-hours.

**5.1.9 Subtask—Final Report**

This task will involve 4 individuals and require 12 person-hours.

**5.2 Program objects and functions construction**

**5.2.1 Subtask—Create test data and environment**

It will involve 2 individuals and require 4 person-hours.

**5.2.2 Subtask—Build logic flow diagram of data within program**

This task will involve 4 individuals and require 6 person-hours.

**5.2.3 Subtask—Construct Invoice object**

This task will involve 2 individuals and require 6 person-hours.

**5.2.4 Subtask—Construct Finder object**

This task will involve 2 individuals and require 6 person-hours.

**5.2.5 Subtask—Construct Settings object**

This task will involve 2 individuals and require 4 person-hours.

**5.2.6 Subtask—Construct Results object**

This task will involve 2 individuals and require 3 person-hours.

**5.2.7 Subtask—Construct Exporter object**

This task will involve 2 individuals and require 3 person-hours.

**5.3 Graphical user interface construction**

**5.3.1 Subtask—Construct interface allowing input of search criteria**

This task will involve 4 individuals and require 6 person-hours.

**5.3.2 Subtask—Construct interface for adjusting search and export settings**

This task will involve 4 individuals and require 10 person-hours.

**5.3.3 Subtask—Construct interface to view and operate on results**

This task will involve 4 individuals and require 8 person-hours.

**5.3.4 Subtask—Construct interface for filtering and sorting results**

This task will involve 2 individuals and require 4 person-hours.

**5.3.5 Subtask—Link the graphical user interface with the program**

This task will involve 2 individuals and require 3 person-hours.

**5.4 Testing and confirm database compatibility**

**5.4.1 Create more use and test cases**

This task will involve 4 individuals and require 8 person-hours.

**5.4.2 Create Test Database**

This task will involve 2 individuals and require 2 person-hours.

**5.4.3 Create Queries to retrieve full filenames**

This task will involve 2 individuals and require 2 person-hours.

**5.4.4 Modify search functions and objects to accept query results**

This task will involve 4 individuals and require 10 person-hours.

**5.5 Deploy and train PPG users**

**5.5.1 Present final product to PPG, deploy the product, and train users**

This task will involve 4 individuals and require 8 person-hours.