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| Software Development Plan | April 6  2017 | |
| The Personal Storage Inventory Database (PSID) Software Development Plan (SDP) provides an overview of the project, concerns, team members, and schedule program. | | PSID SDP |

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***1. Introduction***

This software development plan (SDP) is a comprehensive document that contains the information needed to manage the development and completion of the Personal Storage Inventory Database (PSID). The PSID SDP will detail standards, methods, tools, actions, purpose and responsibilities with the development and qualification of all requirements. It should be used by the project manager and development team to meet milestones, product deliverables, and maintain project flow according to the predetermined schedule.

2***. Project Overview***

***2.1 Purpose, Scope, and Objectives***

The PSID will be used by consumers for personal comfort and information storage on a variety of personal belongings; allowing the user to have a accurate account of their valuable (economically or personal) belongings. With this information on hand the user will be able to restore/replace inventoried items in the case of natural disasters or theft. The software is designed to allow the user to store the information internally and print out sections of the inventory or the entire inventory.

The scope of the software is limited to the needs of the user and whomever they also give access too. The software should be designed to standalone allowing it to be easily ‘packaged’ and distributed to a wide variety of costumers. The software will be simple, reliable, and easy to use allowing users without specific ‘computer’ knowledge to be able to utilize the PSID.

The objectives of the PSID are to provide a single point of storage (inventory) for the user to answer basic questions such as: Value of property/items, Number of items in inventory/subsection, Weight of items/inventory and Identity/Serial number of property/items.

The product should include:

1. Software package including:

a. Inventory Entry GUI form;

1. Displayed Contents of Inventory GUI from;

2. Display Value of Contents GUI form;

3. Display Weight of Contents GUI form;

b. Remove items from Inventory GUI form;

2. User Guide

Delivery of the complete product depends on successful testing of all functions and features of the software, and a complete comprehensive Users Guide. Successful delivery of the product will be defined as meeting all milestones and providing available delivery date.

***2.2 Assumptions and Constraints***

The PSID is designed to be portable and functional on any personal computer (PC) that can run Java programs; the PSID is written in Java language.

There are minimal assumptions with the PSID because of its lean design. Constraints for the PSID include limited staffing to facilitate dedicated documentation, programming, troubleshooting, and last minute alterations. Teams consists of only three members requiring every member to multi-task and equally share burdens on the development and meeting the delivery date for the product.

***2.3 Product Deliverables***

The project deliverables for the PSID are:

1. Software package including:

a. Inventory Entry GUI form;

1. Displayed Contents of Inventory GUI from;

2. Display Value of Contents GUI form;

3. Display Weight of Contents GUI form;

b. Remove items from Inventory GUI form;

2. User Guide

The software delivery of the PSID will be a Java application; it will be made for digital download and be provided on CD-ROM. The user guide will also be available as a digital download and hard copy.