**Patient Information Management System**

**PIMS**

**Team 6**

**Software Development Plan**

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**1.0 Project Overview**

**1.1 Purpose of Project**

Hospitals must maintain current information on all patients in the hospital as well as those recently released. This information has to be readily available to a number of hospital personal such as doctors, nurses, office staff, and volunteers. The Patient Information Management System (PIMS) shall have a Graphical User Interface (GUI) that the users interact with, a database holding patient information, and a server allowing access across multiple machines.

**1.2 Objective of Project**

The objective of this project is to develop a system, PIMS, which will maintain detailed information on all patients in the hospital and those who were in the hospital but have now been released. Records must be maintained for a five year period. To protect the privacy of patients users of the system will have access to information only on a “need to know” basis.

**2.0 Project Schedule**

This section should include a list of phases for the project. Usually this will be influenced by the Software Development Model being followed. For each phase there should be a list of tasks and sub-tasks to be completed and the time line for each. The schedule should also include a list of deliverables and when they will be delivered. Deliverables usually includes each of the documents, oral presentations, and final delivery of the finished product. There should also be milestones to mark the end of each phase of software development. Frequently a milestone will be the actual delivery of a document. Note: milestones must be a specific event. For example, "Write the Requirements Definition Document" would **NOT** be a milestone. "Delivery of the Requirements Definition Document to the customer on March 1" would be a milestone.

**3.0 List of Deliverables** -- Even though these are included in the project schedule there should be a summary list of all deliverables (documents, demonstrations, etc.) with an estimated delivery date.

**4.0 List of Milestones** -- If there are specific events or actions that are considered milestones in addition to the deliverables then a separate section should list **ALL** milestones including repeating the deliverables.

**5.0 Personnel** -- This section should list all the people involved in this software development project and the specific roles you have identified that each person will fill. This section is sometimes referred to as the "Level of Effort" description. The roles listed here includes, but may not be limited to, Software Lead, Customer Liaison, Requirements Analysts, Designers, Programmers, Test Designers, and Testers.

**6.0 Risk Management Plan** -- This section lists and discusses all risks which have been identified, which may effect the delivery of the product on time and within budget. This should also include estimates of how likely the risk is to occur and how the risk will be managed if it occurs.

1. Lose member of the team

2. Scope/size of the project