# Chapter 1

**Introduction**

## 1.1 Project Title

Hotels Management System Online.

## 1.2 Introduction

Technology has spread so fast in the last 20 years. Due to this revelation in technology, organizations nowadays tend to move its functions towered this revolution. Most organizations today have huge systems to manage their business processes.

Due to the huge growth in terrorism and the huge needs for hotels to be around, Hotels Management System is a huge case to be considered. We see hotels get belt so fast every day and Management systems are not easy to get or access.

We thought of building a Hotel`s management system that can be easy to access and doesn’t cost a fortune.

## 1.3 Problem Statement

If we see hotels as users, we might build an easy access management system that provide all functions required inside a hotel.

The system will be much cheaper than the regular systems because it will be accessed online, and it will be easy to grow in the future.

## 1.4 Project Objectives

* This project aims at developing a standard Hotel`s System with an accepted price.
* Lower the cost of such systems.
* The system will provide all the functions that the hotel needs effectively.

## 1.5 Project Scope

**1.5.1 Geographical Scope:**

* This system can be used in any hotel across the world.

**1.5.1 Functional Scope:**

* The system will manage and monitor rooms.
* The system will be accessed online.
* The system will provide all the reports needed.
* Every hotel will have his own database in the server.

## 1.6 Project Methodology

The methodology that will be used in this project is an extreme programming methodology (Agile XP methodology).

One of the reasons for choosing this methodology is that the development team doesn’t has an expert analyst and must solve the problems programmatically.

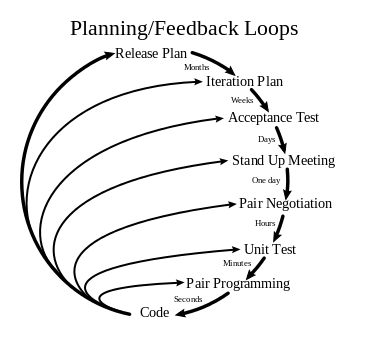


Figure 1.1 - Methodology Planning Loops

## 1.7 Tools

* Visual Studio 2015
* SQL Server 2016
* Git
* GitHub
* Google Chrome
* Notepad++

## 1.8 Limitation

The system won’t have an accounting module.