**AI Parking System**

**Project Report**

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INTRODUCTION

Artificial intelligence (AI) and related technologies are increasingly prevalent in business and society and are beginning to be applied to healthcare. These technologies have the potential to transform many aspects of patient care, as well as administrative processes within provider, payer and pharmaceutical organisations.

There are already a number of research studies suggesting that AI can perform as well as or better than humans at key healthcare tasks, such as diagnosing disease. Today, algorithms are already outperforming radiologists at spotting malignant tumours, and guiding researchers in how to construct cohorts for costly clinical trials. However, for a variety of reasons, we believe that it will be many years before AI replaces humans for broad medical process domains. In this article, we describe both the potential that AI offers to automate aspects of care and some of the barriers to rapid implementation of AI in healthcare.

What distinguishes AI technology from traditional technologies in health care is the ability to gain information, process it and give a well-defined output to the end-user. AI does this through [machine learning](https://en.wikipedia.org/wiki/Machine_learning) [algorithms.](https://en.wikipedia.org/wiki/Algorithms) These algorithms can recognize patterns in behaviour and create their own logic. In order to reduce the margin of error, AI algorithms need to be tested repeatedly. AI algorithms behave differently from humans in two ways: algorithms are literal: if you set a goal, the algorithm can't adjust itself and only understand what it has been told explicitly, and algorithms are [black boxes;](https://en.wikipedia.org/wiki/Black_box) algorithms can predict extremely precise, but not the cause or the why.

There are many diseases and there also many ways that AI has been used to efficiently and accurately diagnose them. Some of the diseases that are the most notorious such as Diabetes, and Parkinson’s disease which are both in the top ten for causes of death worldwide have been the basis behind a lot of the research/testing to help get an accurate diagnosis. Due to such a high mortality rate being associated with these diseases there have been efforts to integrate various methods in helping get accurate diagnosis.

## ABOUT PROJECT

This Project shows the parking system management through AI.

In this project you will comes to know to how to utilize your space

Without getting any disturbance in in or out vehicle,this project can be use in big cities by private company or by government

**User side functionality:**

* Book parking space
* Cancellation
* Receipt Print
* Feedback
* Recharge Account

**Admin side functionality:**

* Administers parking booked
* Cancellation
* View User Data
* Feedback view and reply

**Software Requirements:**

* Windows Xp, Windows 7(ultimate, enterprise)
* Sql 2005
* Visual studio 2008

**Hardware Components:**

* Processor – i3
* Hard Disk – 5 GB
* Memory – 1GB RAM

**Advantages:**

* Users can get learn about parking areas for particular locations.
* It saves user time in search of parking space available in such a long parking area.
* The system provides a graphical view of the parking spaces.
* User can pay online on the spot and confirm their space.
* It excludes the need of human efforts for managing parking spaces.
* The system generates online bill for requested time and even sends an email.
* Cost-effective.

**Disadvantages:**

* It requires an internet connection.
* It requires large database.

**Applications:**

* The project can be implemented in commercial areas for employee parking.
* It can be utilized by companies and organizations (hospitals, schools, colleges) to automate their parking system.
* The system can also be used in public places for public parking like in malls, station, and so on.