# 4estView Group Project 2: Technical Documentation

# By

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# Overview

ForestView approached our team for help on their new SafetyZone proposals. The proposal involves user friendly data storage, a Graphical User Interface, and a packaged executable. The application is a hotel management system. The application also allows management of customer’s checking in and out, room service and managing a menu for customers to order from. Our team decided on tkinter for GUI design, and Pylint for packaging the executable. We have designed a website to explain our proposals and finished executables, where visitors of our site are able to download only after agreeing to our User Agreement. The website utilizes html, and Bootstrap 5 snippets by Code Foundry.

# Why 4estView is The Right Choice

Our team, 4estView, provides solutions that prioritize client satisfaction, readability, and cost-effective and safe methods. 4estView consists of a diverse team, leading to a wider range of ideas and solutions. We also offer recommended expansions for solutions. For future expansions adding a functionality of extending a guest’s stay would be a great addition. Additionally, adding functionality in the form of showing common events in the area where a hotel is located would provide a competitive advantage to other hotel management services. Implementing additional features that customers would otherwise seek elsewhere will distinguish our application from others and provide more room for profit for hotels that choose our services.

# The Competition

At 4estView we strive to provide a solution that can be applicable to any customers’ needs and budget. When it comes to hotel management software, CloudBeds HMS is the most popular solution. They provide various services that begin with a robust hotel management system. CloudBeds provides many incentives for customers in the form of addons that can be paid for to add additional functionality. Per consumer reviews CloudBeds HMS “is entirely vertically integrated so there's no need to get one company to handle the booking engine, one for the channel manager, one for PMS. Cloudbeds has it all” (Best Hotel Management Software 1). There can be many improvements 4estView can add to our own application by implementing what consumers enjoy with CloudBed’s HMS.

The second most popular service according to the hotel tech report is Little Hotelier. Little Hotelier is geared towards smaller businesses looking to improve profits and services. Little Hotelier goes as far as providing a mobile application to utilize on the go. Little Hotelier provides a setup that is quick and simple for users. Per Little Hotelier’s website it provides “high-definition visibility of your, and your competitors’ rates so you can take control and find your pricing sweet spot” (Best Hotel management Software 1). Though it is geared towards smaller businesses there is a lot to be learned from the simple approach they take in their design philosophy.

# References

*Best Hotel Management Software - Hotel Tech Report*. (n.d.). Retrieved April 1, 2023, from https://hoteltechreport.com/hotel-management-software