Project Booklet

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# Chapter 1: Abstract

This paper reviews the making of the **ThermTrack** Android App. **ThermTrack** was created in a vision that one day, it will be integrated into a "Smart City" project, in which the goal is to create a better, safer, more effective environment and transportation for pedestrians as well as drivers in the hectic city.

As part of that, our goal was to create an application that can track pedestrians, and be able to keep and display statistical data about the quantity of crossway passers at a given time.

For that we had to develop skills in researching, Image Processing, Java, and Matlab.

Additionally ……….

To summarize, …………..

# Chapter 2: What is a Thermal Camera

## Human Skin Temperature

Jkj

Thermal radiation

## Advantages and Disadvantages of a Thermal Camera

Fgfgfgfg

# Chapter 3: Experiments

Dfdfd

## "The Cups" Experiment

Dfdfd

## Night

Dfdf

## A Hot Day

Dfdf

## An Especially Cold Day

gghgh

# Chapter 4: Image Processing Methods

For each one, add advantage and disadvantage

## Reference to Past Projects

# Chapter 5: Troubleshooting

## Difficulties Extracting Raw Data

# Chapter 6: The Algorithm

## Concept

## Implementation (MATLAB, Java)

What libraries we used, etc

# Chapter 7: The App

Hfghfgh

# Chapter 8: Summary

# Chapter 9: Resources

Jjj