Social Media Poster
A Portable and Interactive Multi-touch Technology for Smart Space
Project Code: JS0-11
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Project Supervisor: Dr. James She/ Dr. Danny Tsang

Introduction
Social Media Poster is a platform for demonstrating the next generation method of displaying, sharing, and interacting with people. It allows for easy-to-read information, making it an excellent way of sharing information in a large group.

We found that many people have already installed a projector for displaying information on a screen like every screen does. In our project, we turn the screen into a multi-touch screen within low cost materials. This could increase the interactivity dramatically. We also developed a portable version which allows us to turn a projected area into a multi-touch screen.

Objectives
In our project, we have accomplished the following objectives:

1. A multi-touch screen based on infrared reflecting technology.
2. A portable infrared LED bar with battery.
3. A portable infrared LED bar on the floor.
4. A portable infrared LED bar on the ceiling.
5. A portable multimedia platform on which to demonstrate our system.

Methodology

Social Media Poster is a platform for demonstrating the next generation method of displaying, sharing, and interacting with people. It allows for easy-to-read information, making it an excellent way of sharing information in a large group.

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