# 2010年臺灣國際科學展覽會
# 優勝作品專輯

國家： **New Zealand**

編號： **110011**

## 作品名稱

**SPYNIK**

## 得獎獎項

**Computer Science  First Award**

## 作者姓名

**Nikhil Mahashabde**

# Abstract

Nikhil's technology studies main client told him how she had no idea about how to stop her children looking at all sorts of website and asked him for a solution to a problem he initially thought was impossible to crack. Nikhil has definitely 'cracked' this one: with a dedicated website his clients can log into and monitor what is going on in any computer the little box of electronic tricks is plugged into from anywhere in the world. This unit controls the electronics and stores the history of the web pages that the user has visited. Not only that, the client can cut the internet (and re-connect it) to the remote computer at will. At the heart of Nikhil's box of tricks is a web-server module (The Wiznet) and a powerful microcontroller, the AtMega32. Nikhil has designed the board, connected the electronics and written the code to allow it to communicate with the computer and remote client.