MODELING, FABRICATION AND CHARACTERIZATION OF SOLAR CELL

PROJECT CODE: MW1-11

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INTRODUCTION
Life now is far more convenient than hundreds of years ago. We now can drive our own cars, use our own electronic devices like mobile or computers, etc. The more convenient the life is, however, the more energy we have to consume at the same time. As fossil fuels are running out, energy crisis arises. This problem does not affect only one or two countries but the whole world. We have to find a substitute for fossil energy, and solar energy is probably the best substitute since it can be easily accessed. However, people who live in cities like Hong Kong are still not quite familiar with the use of solar cells.

AIM AND OBJECTIVES
This project is based on promoting solar cells to the students. To make the promotion successful, to design an Android app for the general public to search for information on solar cells in the local market and to make a reusable tool which can be used to educate the students about solar cells.