Today, the use of renewable energy resources is increasing rapidly because the solar energy is easily accessible and abundant. Solar energy is converted into electrical energy using photovoltaic panels. Photovoltaic panel is an energy source, which contains many solar cells, absorbing the solar energy. Factors affecting the operation of photovoltaic panels are the solar irradiance, the temperature, the surface, and the direction angle. For this reason, before employing a photovoltaic panel, the power values, which can be obtained from such photovoltaic panel should be analyzed and evaluated according to the application conditions, considering all these factors. In this study, calculation of power, current and voltage, generated by a photovoltaic panel, was performed on a mobile device for a determined region. Hourly, daily and monthly total power information, obtained according to the characteristics of the photovoltaic panel, such as panel position, direction and inclination, that can be obtained using the mobile device, are presented to the user by the developed application.