

# PUBLIC ELECTRIC BIKE PARKING

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## 1. LOCATION AND HISTORY

Phnom Penh is the capital of Cambodia and the largest city in the country with a population of nearly 2 million in 2017. Phnom Penh is has many tourisms sector and heritage sites that attract many tourists every year. Cambodia is one of the oldest cultures of Asia.



## 2. CAUSE OF PROJECT

Due to the increasing of many tourists come to Phnom Penh, so our team had an ideal to create Public electric bike station for our people and foreigner that come to Phnom Penh can be use. To be part of part facilitating for their travel, and they are part of helping promote Cambodia tourism sector to grow.



## 3. GOAL OF PROJECT

- Save On Fuel
- Save Time
- Reduce Air Pollution
- Save Money
- New Appearance
- Useful Object
- Eco-Friendly Idea
- More Tourist

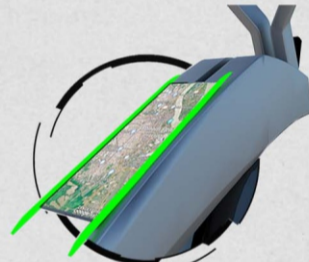
## 4. PROJECT PROPOSAL



E-Bike With QR Code



Local Tap Card



GPS & Map Device



Screen Direction



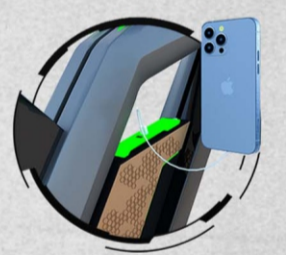
Bike Light Installation



Wifi Extender



Bike Stop With Solar System



USB-C Cable Installation

## 5. PROJECT FEATURE

### Project Feature 1

The use of solar energy is an important part of the process of converting solar energy into electricity to supply bike Parking and electric motorbike.

The way in the conversion process is that the solar panel absorbs the sun light and generate it to electricity, then this energy sent to the busbar and then it has a role in the local power distribution, such as (WI-FI, lamps, electric bike, USB-C, LED display) and finally we can use it to function.

### Project Feature 2

(Foreign) The way to use it. First, we need to take the phone to scan the QR Code on the bike and then enter Passport ID and visa account. After filling in your personal information, you can use the bike and money in your VISA account will be deducted, according to the time you used the bike.

(National guests) The way to use it. First, we need to have a personal card with money in it to scan the motorcycle to use. After using the electric bike, you need to get the bike back to the parking zone and using card scan card to disconnect the system.