

تقرير عن فوز المجموعة العملية

youthinkgreen – Egypt

في مسابقة

Maker HACKATHON Cairo

بالمركز الثاني ضمن اكثر من ١١٠ فريق
مشارك في المسابقة



What is Maker HACKATHON Cairo competition?

Maker Hackathon is the first hardware hackathon born in the Arab World, and aiming to travel all over the world. It is an initiative by Zoomaal, the leading crowdfunding platform from the Arab World.

A hardware hackathon is a 3-day competition, where participants are divided into teams of 4 to 5, each applying their skills in various disciplines including software and hardware development, business ideas, and product design to develop a hardware prototype, by the end of the 3 days.

Winners of the best prototypes will be awarded valuable prizes from Zoomaal and sponsors, as well as get support to turn their ideas and prototypes into reality through crowdfunding campaigns on Zoomaal and other global outreach opportunities!

For more information visit: www.makerhackathon.com

Where and when was this competition?

The competition took place in Technology, innovation and entrepreneurship center (TIEC) in Smart Village, Cairo. The competition was held on two stages; first stage on 31st Jan. 2015 (Semifinals) and Second stage on 5th, 6th and 7th of February (Finals).

Who were the sponsors of this Competition?

The competition was sponsored by many entities;

Maker Sponsors

Intel

Main sponsors

Gesr lab, Olkya and ebni accelerator

Who attended the competition?

The competition was attended by a variety of Egyptian makers starting from University students and passing by small business startups and finally professional from the hardware sector in Egypt.

Who were the judges of the competition?

The judgment jury was composed of 4 members,

Ebni accelerator director Mr. Tamer Ahmed

Zoomaal Egypt coordinator Eng. Mohamed Hany

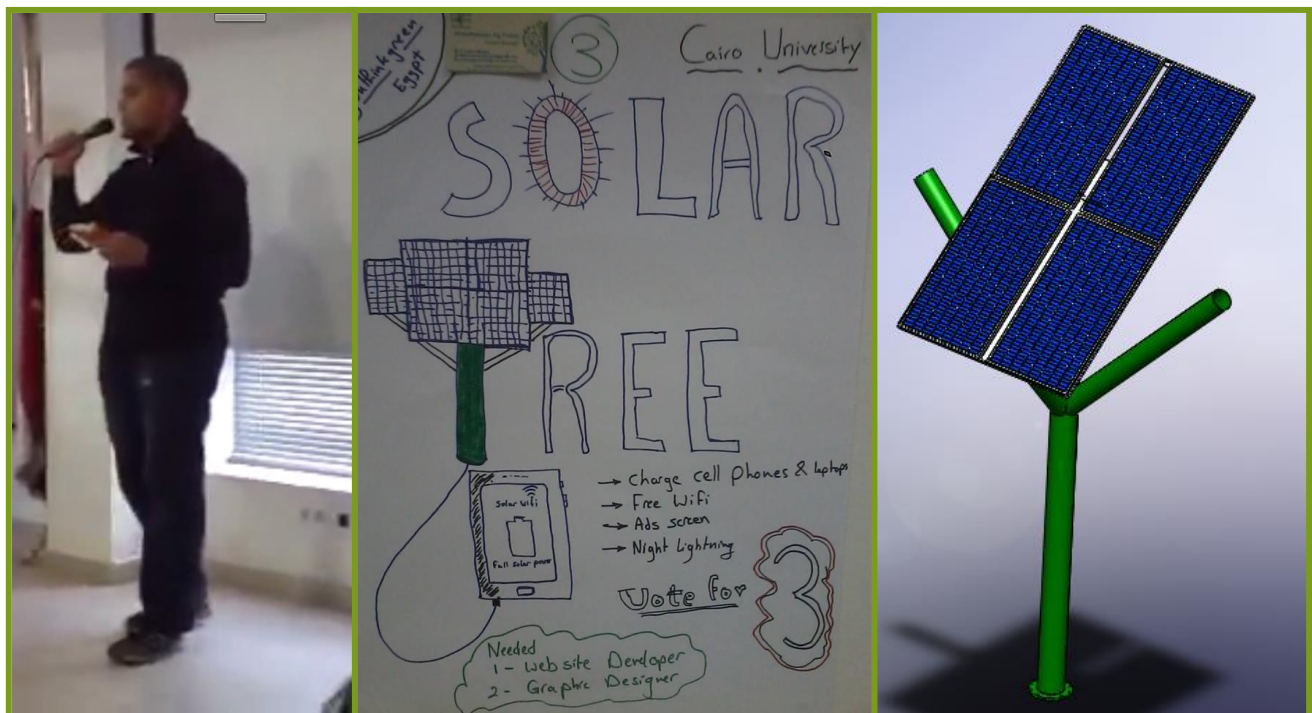
And 2 other representatives from Hardware corporates

What did we do their?

Youthinkgreen – Egypt participated in both stages of the competition and had been awarded the SECOND place in the finals over 110 participating teams from different disciplines.

Semi Final stage

Youthinkgreen team gave a 45 sec pitch talk presentation about our project “Solar Tree” in front of the audience and we draw a hand sketch poster in just 10 min, then we were selected with 19 other team to participate in the final stages.



Final Stage

The team was composed of 8 members each day that should work on our prototype and business model In JUST 3 days.

youthinkgreen – Egypt team in the competition

AbdelRahman Fahmy
Ahmed Adel El guindy
Ahmed Emad
Aia Essam
Amr Magdy

MDP – Cairo Uni.
EPM – Cairo Uni.
Communication Cairo Uni
Communication Cairo Uni
Energy – Ain Shams Uni.

Shadwa Alaa
Marwan Taher
Mohamed Awwad
Mohamed Barhoma

Architecture – Cairo Uni
EPM – Cairo Uni.
EPM – Cairo Uni.
Mechatronics - AAST

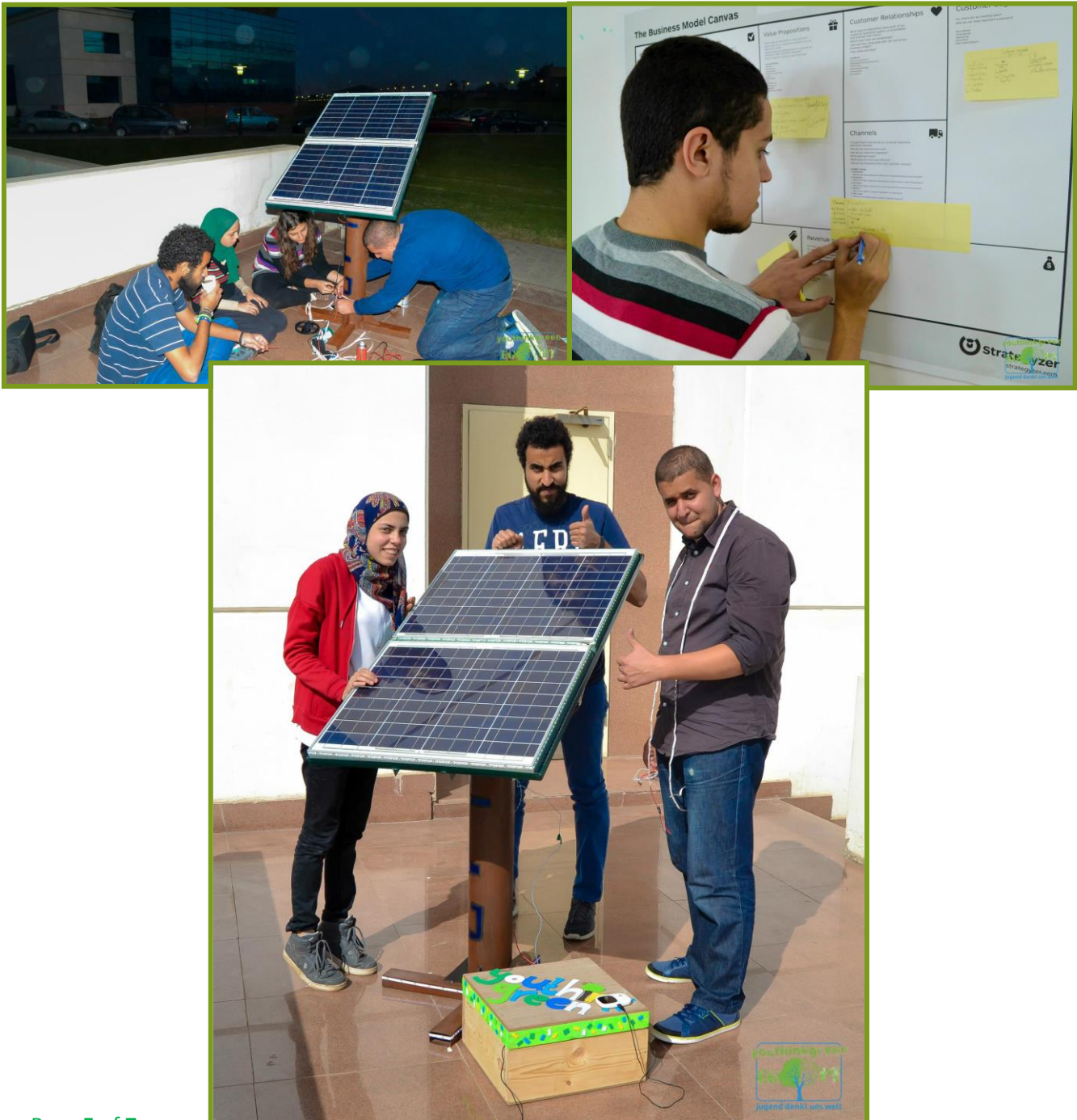
Day 1

Prior to the competition the team manufactured a structure for the solar tree that can carry 2 60w solar panels with the appropriate inclination angle. In the first day the team was divided into 3 groups, design group for our model, control system group and business model group. The groups started initiating ideas that testing their work together. By the end of the day the prototype was functioning well and the control system was designed and the business model was being developed.



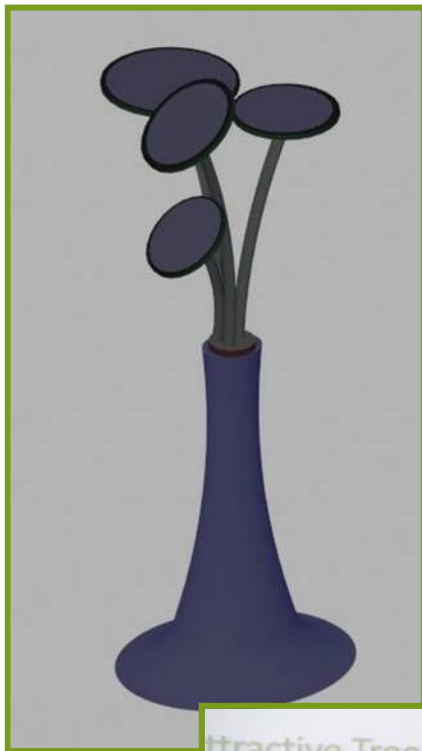
Day 2

In the second day, the team started constructing the control system for the solar tree and further more developing the business model assisted by group of professionals in market and finally decortating the solar tree with beautiful LED Green and Blue Light.



Day 3 (Final Day)

Starting with finishing our designs and business model canvas, our team putted the final touches to our project with some assistance from product designers. At the end of the day we came out with 2 different designs to be applied. Then we presented our project for 3 min. in front of the judges who had chosen youthinkgreen – Egypt to win the second prize in **Maker HACKATHON** Cairo.



The Prize

Youthinkgreen was awarded 2 hardware kits (Intel Galileo Gen 2 + 1shield board) and 3 months acceleration in TIEC to develop our project.

Thanks to those who helped us!

- Eng. Osama AbdelKader (Senior R&D Engineer in SECC)
- Prof. Andreas Sicklinger (Head of the product design department, faculty of applied science and arts, German University in Cairo)

