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Alliance

- Robotica Educativa
- Papalote Museo
- Technical University

We propose an alianse between these three parties: Papalote Museo, Techical university & Robotica Educativa

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Short Problem Examination

For expanding education to kids at home budget for robot kits is needed

- Price of one robotics kit: \$350
- Number of students needing a kit: 100 students
- Sums to \$35.000 / year of budget needed to make expansion possible

A quick review of the challenge Robotica Educativa faces:

To expand their robotics course for kids, budged is needed. A budget of about \$35.000 is needed to make home-robots feasible

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Papalote Museo

- Describe the museum shortly
- Describe its goals
- Point out shared goals of museum & robotica ed.

What is Papalote Museo?

Papalote Museo is a Museum mainly concentrated around popular sciences. Their goal is to get children aquinted with sciences.

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Museum Workshops

- Interactive day "first steps in Robotics" organised by Robotica Educativa
- The collection of the museum is enriched with a robotics workshop
- Kids can take part in the one-day-workshop

To enrich the museum Robotica Educativa could organize a workshop on robotics. Kids could come to the museum for one day and learn the first principles of robotics.

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Museum Workshops

Resulting in:

- More visitors Museum
- RoboEd will tap into a larger crowd

This way the museum would attract more visitors, Robotica Educativa taps into a larger crowd.

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Museum Workshops

This will take a lot of time for volunteers of RobEd...

- 20 kids per workshop day
- 3 tutors per workshop
- About 20 workshops a year

Sums to a total of 60 days a year

Solution:

- Involve students from technical university to be tutors in the workshops

Organising these workshops is gonna take a lot of time.

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### Technical University

- Training day a couple of days a year
- Robotica Educativa teaches the students how to give the museum workshops
- Students would gain pedagogic teaching skills
- Could be part of a course

Involve students from tech uni. Train the studentd a couple of times a year how to give the workshop.

Students gain skills in teaching, also it could be made part of their curriculum.

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### Concluding

- In exchange for organising the workshops the museum can help with budget for home-educational-kits