Team 7

Meeting 04: Revisiting Project Ideas

horizontal line

**04 OCTOBER 2020 / 4:00 PM-5:15 EST / ZOOM**

# **ATTENDEES**

David Rak, Radhey Patel, Victoria Lara-Aguilar, Isabelle Goode

# **AGENDA**

## **Reassess our chosen business model & brainstorm more ideas.**

## **Select a time for meeting with Prof Yadav and plan meeting agenda**

# **NOTES- New ideas**

* ~~Reusable/green power cords~~
  + ~~Competition/Customer:~~ [~~https://en.wikipedia.org/wiki/List\_of\_electrical\_cable\_manufacturers~~](https://en.wikipedia.org/wiki/List_of_electrical_cable_manufacturers)
* ~~Biodegradable packaging applied to a completely new area.~~
* ~~Renting service for Boosted Boards/ other forms of transportation~~
* Getting into the autonomous car industry in another way- clean the cars? Get trust in the market? Set up infrastructure by converting parking garages or setting up sensors to help with autonomous driving? Making autonomous vehicles safe for pedestrians?
* ~~Vertical Farming- Decentralizing Food Supply Chain~~
* [Seaweed!](https://www.youtube.com/watch?v=qYnGAAU-05Y)
* David
  + Small-scale boat picks up trash & oil
    - Incentivizing cities to clean up
    - Mimics sea life
    - Boat that cleans and reuses sponges, collects oil in a large container.
    - Sponge technology: <https://www.anl.gov/tcp/oleo-sponge> <https://www.brightvibes.com/495/en/scientists-invent-reusable-sponge-that-could-revolutionise-oil-spill-and-diesel-cleanup>
  + Mini wind turbine
    - Car winds-> on highways
  + Mini-water towers on top of homes/businesses to store energy. Especially in cities.
    - <https://www.sciencedaily.com/releases/2016/10/161024090454.htm> said this was a bad idea…
  + Waste Water
    - <https://www.youtube.com/watch?v=v5pW_Mqt6dU>
* Radhey
  + Peltier Plate for heat Absorption for increasing solar panel efficiency
  + Seaweed based Biofuel
    - <https://www.youtube.com/watch?v=vZdAShbHMHI>
    - <https://www.youtube.com/watch?v=qYnGAAU-05Y>
  + Cloud laboratory/ Laboratory Virtualization
    - <https://en.wikipedia.org/wiki/Emerald_Cloud_Lab>
  + Alternative to vegan milk using new bacteria that mimics milk more closely than other stuff.
    - <https://realvegancheese.org/#science>
    - <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4954683/>
* Victoria
  + Eco friendly wrappers in the USA: <https://earth911.com/food/recycling-mysteries-candy-wrappers>/
  + Better UV wand/box to clean rooms
    - UV LED’s emit UV light in a room that can kill bacteria
* Isabelle
  + Edible food wrappers
    - “Edible plastic” → film made from milk protein
  + Mushroom packaging:
    - <https://ecovativedesign.com/>
    - Maybe we can bring this type of packaging into a new industry
  + Boat that picks up docks/marinas
    - mimics sea life

# **DECISIONS MADE - TOP 3 IDEAS**

* Small-scale boat picks up trash & oil
  + Incentivizing cities to clean up their water
  + Could potentially mimic sea life
  + Boat that cleans the water with a reusable sponge, collects oil in a large container.
  + Sponge technology: <https://www.anl.gov/tcp/oleo-sponge> <https://www.brightvibes.com/495/en/scientists-invent-reusable-sponge-that-could-revolutionise-oil-spill-and-diesel-cleanup>
* Mini-water towers on top of homes/businesses to store energy. Especially in cities.
  + Pumped-storage hydroelectric power systems
  + New form of energy storage
  + <https://www.sciencedaily.com/releases/2016/10/161024090454.htm> said this was a bad idea…
  + Could potentially sell this idea to colleges like BU with the space and money to do it
* Better UV light wand/box to sanitize rooms
  + UV LED’s emit UV light in a room that can kill bacteria
    - Especially important during COVID-19, but can definitely be used beyond that
  + Could be used in classrooms, office buildings, potentially fitness centers
    - Would reduce the need for chemical sanitizers, wipes, etc.
  + Potentially a UV light that you stand in the center of the room, close the door and leave so it can sanitize → need to keep in mind customer safety
  + Could potentially be a wand/small apparatus that one could carry around a room

# **ACTION ITEMS**

1. David- Brainstorm more business names, check over presentation slide, edit
2. Isabelle- Brainstorm more business names, edit and submit meeting minutes
3. Victoria- Brainstorm more business names, check over presentation slide, edit
4. Radhey- Brainstorm more business names, check over presentation slide, edit

# **NEXT WEEK’S AGENDA**

* Confirm (and have) a conference with Professor Yadav.
  + Talk about the new ideas that we have brainstormed (top 3)
  + Get her input on if these ideas are feasible for a business
* Plan to meet next week depending on class updates/ upcoming assignments
* Assign tasks for next steps in business model development