BUSINESS CONCEPT TRAINING  
FALL 2021

DETECTRA

The monitoring of Rheumatoid Arthritis (RA) is obstrusive and patients do not benefit from an accurate follow-up to improve their outcome. DETECTRA will bring a significant improvement in RA care, being much cheaper, easier and non-invasive compared to today’s standard of care.

SENSORMEDLEY

Cardiorenographic (CR) assessment in sports and health requires long and expensive in-lab tests. Sensormedley provides wearable sensors for frequent, accurate, out-of-the-lab and cost-effective CR assessment.

ClearSky

Direct phone calls are efficient, interactive, and private. We mostly use them in transportation or outdoors. Beyond a few calls per day, keeping track of information is challenging and/or time-consuming. Our prescriptive AI summarizer processes calls on-device and captures important information privately on-the-fly.

Homeside Diagnostics

Living in good health and well-being is a priority for all of us, and new technologies offer many ways to assess our health. But there has been little change regarding blood sampling for diagnostics. Homeside Diagnostics offers a new platform that allows you to perform multiple tests from a single drop of blood collected at home.

Empowering people

EU announced zero CO2 emission policy by 2050. Human population is responsible for 7% of total emitted CO2 which is 3 times higher than CO2 released by airplanes. Our main focus is to capture and mineralize CO2 released by human activity in public places.

Carbon Negative Ethanol

We are DEVIA – a company producing alcoholic beverages. Our products challenge the status quo that they are new categories and the brand strikes with a modern look.

PlasmadB

Noise affects 20% of European citizens, causing stress and fatigue. PlasmadB reduces noise in home and work environments using a compact device that efficiently absorbs annoying sounds in a wide frequency range while enhancing acoustics.

Atlantemos

Atlantemos C is like any engine, but with higher efficiencies and no emissions, which can be used for boats, trucks, and buses, by providing 600-800 kW electricity. All optimization services of fuel cell and the battery can be found in Atlantemos app. Private consultancy for different required electricity lower than 600 kW and higher than 800 kW.
iKanJoy

Japanese is ranked among the top 3 most difficult languages to learn. The complexity of Japanese is fully encapsulated in their writing systems made of 92 phonetic characters and at least 2,000 main ideographs (kanji). To overcome this learning challenge for non-native learners, we have developed a video game smartphone application that promises to teach Kanji in a most adapted and fun way.

Sustainable Grub

We help sustainable restaurants communicate their "climate-friendly" meals to their customers, byquantifying and communicating the greenhouse gas (GHG) emissions of their dishes in a user-friendly way via our web app.

Modex Robot

Fitness machine for patients of hospitals and senior homes (SGH) that provides:
1. Optimize physical exercises with quantified data
2. Track recovery progress
3. Reduce hospitalisation recovery time

WAIR

Wildlife artificial intelligence reconnaissance. Our AI Computer Vision software helps fire brigades to detect fires at their early stages, and helps to predict future fire events by reducing the time between the fire start and the emergency and rescue teams setting and avoiding that large amount of land is affected.

PioTimeElectronics

We developed an electronic device which is able to measure lapses of time with high precision. High-precision devices are currently used in many cutting-edge technologies. The market will be ready for this precision our design provides in a few years time and we will be there to meet that appointment.

APPRIE

Diagnostics and Treatment Plans, are prone to human error, are costly and have a high level of guesswork. APPRIE offers an application that allows patients to track the evolution of their symptoms before and after treatment. This gives a fuller picture for the doctor of the patient's existing condition at a cheaper cost and provides a knowledge-base to look compass for further diagnostics.

GenSpace

Accessibility of DNA testing in Europe is problematic: takes 6-8 weeks to get results, compromises privacy to US-based companies and is expensive (higher shipping costs). Our solution is to make it more accessible, faster, cheaper and privacy-oriented.

EauRoot

There are currently some drawbacks to existing irrigation systems for trees and vines. The present inventive system introduces a new method that while it’s the most technical pan functions automatically, does not require any water or pressure pump and the required amount of water is poured directly into the root zone.

LakeWeed

Worst and in particular Siboney population is still directly不同程度 to GCD, and it is therefore far from carbon-neutrality. LakeWeed is offering local solutions for algae forms in Siboney islands.
50% of industrial energy is used to separate chemicals, industrial separation units such as distillation and drying require a great amount of energy input. Polymeric membranes on the market as alternatives are unable to withstand high temperatures and pressure, here we have developed a low-cost energy-efficient and eco-friendly inorganic membrane for high-temperature and pressure. HI separation.

**BIOFERTILIZER**

Various biofertilizers based on standard beneficial soil microorganisms exist now on the market. However, the use of foreign, and non-specific microorganisms that might become dominant in the microorganisms in the site of application could lead to unwanted consequences. To address this problem, Miyabi has developed customized and personalized biofertilizers developed locally on well-adapted and specific microorganisms. Mycorrhiza aid for optimal plant growth and yield.

**VeeOs**

Our ultra-fast, reconfigurable wireless battery, low-temperature sensor helps customers who are facing temperature tracking drawbacks. They will easily survive the temperature for less than 1 C/° and enjoy remotely sensor rooms in response when triggering values are reached. Compared to the other available solutions, the advantages of our offerings are the sanitizable remote capability around the temperatures of interest while keeping a safe distance from the tags.

**MINDGUIDE**

264 million suffer from depression worldwide and treatment of mental health is a significant expense. CHF 36 billion in Switzerland.

Traditional psych treatment is not completely reliable. Mindguide provides objective self-indicators through collecting live data with non-invasive wearable sensors. Mindguide records eye movements through eye-tracking glasses.

**Le Crux**

La grimpette est un sport qui nécessite force, technique et mental. Vos compétences jouent aussi un rôle important. C’est pourquoi le Crux vous propose une plateforme pour trouver les équipements idéaux ainsi que de nombreux cours pour que chaque grimpeur puisse progresser, prendre plus de plaisir dans leur pratique et atteindre de nouveaux sommets.

**LOQALIS**

Les consommateurs interrogés aiment, pour la plupart, acheter chez des producteurs locaux, mais ne le font pas principalement à cause des raisons de distance et de manque de temps. La solution? Un site interne d’accompagnement vendant des produits sélectionnés en gros auprès des producteurs locaux, en offrant la possibilité de livrer soit à domicile, soit dans un point de collecte. La promotion sera faite via des pop-up stores (un marché) !

**Study Help**

Avoir une communication rapide et trahie dans toutes les langues avec les professeurs, pouvoir s’organiser et communiquer avec ses camarades en tout temps en n’importe où est bien loin de l’époque du téléphone privé en dehors des heures de travail, voici ce que propose cette application.

**SNOWCAT**

Nous avons constaté que les démarches actuelles ne sont pas optimisées et effectuent des tâches surqualifiées. De ce fait, nous proposons un service de location ou la vente de petits diamants qui sera dans un premier temps télécommande puis automatique. Elle permettra aux stations de faire des économies financières et de temps.