

Outcome of Extracting the relevant data from Case Collection B

1. AOptix Technologies

AOptix Technologies is a commercial developer of Adaptive Optics (AO) technology. Through the combination of iris recognition and other biometrics techniques, the company's identity solutions deliver fast, easy and accurate identification and verification for a wide range of applications including automated boarding and immigration at airports and international borders. Its communications solutions deliver reliable, long-range, ultra-high bandwidth wireless communications to alleviate mobile back-haul congestion and other network chokepoints. Its solutions are derived from the company's optical technologies originally developed for scientific research and further developed with DARPA for advanced defense applications [?].

Founded Year: 2000

Stage: Dead

Total Raised: \$113.64M

Location: 695 Campbell Technology Parkway, Campbell, California, 95008, tel: 408-558-3303, U.S.A.

2. Angel Sensor

Angel Sensor is a flexible wristband that can be worn 24/7. Angel Sensor is the only wearable designed as an open platform for mobile health. Angel Sensor tracks heart rate, blood oxygen, skin temperature, steps, sleep quality, calories, acceleration, and orientation [?].

Founded: 2013

Stage: Dead

Total Raised: \$460K

Web: www.angelsensor.com

Location: U.S.A.

3. Aquion Energy

Aquion Energy is the manufacturer of proprietary Aqueous Hybrid Ion (AHI) batteries and battery systems for long-duration stationary energy storage applications. AHI batteries are optimized for daily deep cycling for residential solar, green architecture, off-grid and microgrid, energy management, and grid-scale applications. Aquion's high-performance, safe, sustainable and cost-effective batteries deliver reliability and value for customers. The company's battery systems provide flexible, modular energy storage that enables broad adoption of renewable energy technologies such as wind and solar, reduced reliance on fossil fuels, and optimization of existing grid-tied generation assets [?].

Founded Year: 2008

Stage: Acquired— Acquired

Total Raised: \$196.63M

Valuation: \$0000

Location: 32 39th Street, Pittsburgh, Pennsylvania, 15201, U.S.A., 412-904-6400

4. **Anki**

Anki is harnessing robotics and artificial intelligence (AI) to bring to life consumer products with intellect and interactive capabilities [?].

Founded Year: 2010

Stage: Asset Sale — Assets Purchased

Total Raised: \$205.26M

Location: 695 Campbell Technology Parkway, Campbell, California, 95008, U.S.A. , 408-558-3303

5. **Berg**

Berg manufactures a complete range of beverage and liquor control systems for liquor, beer, wine, and other beverages [?].

Website: bergliquorcontrols.com

Location: 2160 Industrial Drive, Monona, Wisconsin, 53713, United States

6. **Calxeda**

Calxeda, formerly Smooth-Stone, brings new performance density to the datacenter on an attractive power foot print by leveraging ultra-low power processors as used on mobile phones as a foundation for its technology. Calxeda will make it possible for datacenter managers to increase the density of computer resources while reducing the need for power, space and cooling [?].

Founded Year: 2008

Stage: Dead

Total Raised: \$104.75M

Location: 7000 North Mopac Expressway Suite 250, Austin, Texas, 78731, U.S.A.

7. **Electroloom**

Electroloom is a 3D printer for clothes capable of creating nonwoven fabrics on unique and complex structures. The Electroloom makes the design and manufacturing of clothing more accessible through a desktop device [?].

Stage: Dead

Total Raised: \$90K

Location: San Francisco, California, U.S.A.

8. **Essential Products**

Essential Products is a company focused on creating consumer technology products for the 21st century. Founded by Andy Rubin, co-founder of Android, Essential Products is headquartered in Palo Alto, California [?].

Founded Year: 2015

Stage: Asset Sale — Assets Purchased

Total Raised: \$330M

Location: 380 Portage Avenue, Palo Alto, California, 94306, U.S.A. ,
650-300-0000

9. **Inq Moblie**

Inq Moblie is a smartphone-maker, creating a range of devices that included two 'Facebook phones' in 2011 [?].

Founded Year: 1999

Stage: Dead

Location: 30501 Agoura Road Suite 203, Agoura Hills, California, 91301, U.S.A.

10. **Kolos**

KOLOS was iPad racing wheel project after an unsuccessful run on Kickstarter [?].

Stage: Dead

11. **Lily Robotics**

Lily, founded in 2013, is a technology company that makes flying cameras. The company's flagship product, the Lily Camera, is the first autonomous, throw-and-shoot imaging device in the world. It is a camera on a small quadcopter that autonomously follows owners and shoots pictures and videos. The company had also raised \$34 million for pre-orders in January 2016 on its website and not via Kickstarter or Indiegogo [?].

Stage: Dead

Total Raised: \$15M

Location: 216 Park Lane, Atherton, California, 94027, U.S.A.

12. **Liquavista**

Liquavista, a spin-out from Dutch electronics Philips, developed and patented an electro-wetting technology for use in electronic display screens. Its unique IP allowed it to create full colour, 'paper-like' displays, capable of displaying video, while consuming less than one third the power of a traditional LCD. Liquavista's technology could address all the display markets currently dominated by LCDs, including mobile and fixed applications [?].

Founded Year: 2006

Stage: Dead Dead

Total Raised: \$35.6M

Location: 400, Kastanjelaan, Eindhoven, 5616 LZ, Netherlands

13. **Nebula**

Nebula is dedicated to enabling all businesses to easily, securely, and inexpensively deploy large private cloud computing infrastructures. The company has developed a hardware appliance that allows any business to easily build a massive private computing cloud from hundreds or thousands of inexpensive computers. Nebula's goal is to ignite a new era of global innovation by making big data and large scale computing accessible to every business in the world. We believe that the proliferation of data will fuel

an information revolution across all industries, and will be enabled by democratizing web-scale cloud technology [?].

Founded Year: 2011

Stage: Dead

Total Raised: \$28.5M

Location: 215 Castro Street 3rd Floor, Mountain View, California, 94041, U.S.A. , 650-593-9900

14. **Nirvanix**

Nirvanix is a provider of enterprise-class cloud storage services designed specifically for customers with expectations of extreme security, reliability and redundancy. Under its CloudComplete portfolio, Nirvanix offers fully managed public, hybrid and private cloud storage services with usage-based pricing. The company's second generation technology is utilized by IT OEMs and is fully integrated with third-party backup and archiving software products and appliances, enabling One Click to the Cloud. In September 2013, Nirvanix shut down notifying users they needed to migrate their data [?].

Founded Year: 1998

Stage: Dead

Total Raised: \$70M

Location: 9191 Towne Centre Drive Suite 510, San Diego, California, 92122, United States, 619-764-5650

15. **Pearl Automation**

Pearl Automation is focused on advancing the underlying technologies in the autonomous vehicle to improve the experience for every driver on the road today. The Company's first product, RearVision, is an advanced automotive backup camera that connects to a driver's smartphone via wi-fi. RearVision installs in minutes, provides obstacle alerts and updates automatically to deliver ongoing feature enhancements [?].

Founded Year: 2014

Stage: Dead

Total Raised: \$50M

Location: 100 Enterprise Way Suite A101, Scotts Valley, California, 95066, United States, 844-877-3275

16. **QBotix**

QBotix employs distributed robotics to significantly increase the economics and improve the capabilities of the solar industry. The SolBot R-225, a mobile robot for positioning solar panels and collecting data that is at the heart of RTS, builds upon the technical innovations of the SolBot R-200. The SolBot R-225 can manage 340 kilowatts of solar panels, a 13 percent improvement over the SolBot R-200. The SolBot R-225 is also smaller, lighter and requires fewer components than its predecessor, which increases reliability and allows the SolBot to operate in a wider variety of extreme environmental conditions. Additionally, the tracking rail for

the SolBot R-225 consists of two preassembled pieces rather than multiple parts so it can be quickly snapped together on site [?].

Stage: Dead

Total Raised: \$24.47M

Location: 1080 O'Brien Drive, Menlo Park, California, 94025, United States

17. **SCHAFT**

SCHAFT was born in 2012 as a spin-out company from the JSK Laboratory of the University of Tokyo, Graduate School of Information Science and Technology, providing high-power humanoid robots for dirty dangerous and difficult work, and for research purpose [?].

Founded Year: 2012

Stage: Dead

Location: Tokyo, Japan

18. **Seven Dreamers Laboratories**

seven dreamers laboratories specializes in the development of AI, robotics, and healthcare devices. The company's products include Laundroid, a fully automatic laundry-folding robot, and Shaft, an original 3D measurement system to manufacture totally order-made carbon golf shafts [?].

Founded Year: 2011

Stage: Dead — Dead

Total Raised: \$104.02M

Location: Mita Kokusai Building 17F 1-4-28, Mita, Minato-ku, Tokyo, Japan, +81-3-6453-7018

19. **Stratolaunch**

Stratolaunch is developing an air-launch platform to make access to space more convenient, reliable, and routine. The company uses an air-launch approach to deliver payloads to multiple orbits and inclinations in a single flight, which means better access to space [?].

Founded Year: 2011

Stage: Dead

Location: 505 Fifth Avenue South Suite 550, Seattle, Washington, 98104, United States

20. **Vinaya**

Vinaya, previously known as Kovert Designs, is a research and design house that creates lifestyle-enhancing technology products. The company offers, Altrius, a collection of Bluetooth-enabled rings, bracelets and jewelry. When paired with the iOS app, the collection allows users to prioritize e-mails, messages and calls [?].

Stage: Dead

Total Raised: \$3M

Location: 68 Hanbury Street Shoreditch, London, England, E1 5JL, United Kingdom, 0044 0203 2818 3258

21. **Zano (drone)**

The Zano was a failed Kickstarter project created by Torquing Group to create a remote-control quadcopter drone with a high-definition camera. After receiving over three million dollars from crowdfunding on Kickstarter, the team was unable to create a product that matched their original description, and eventually filed for bankruptcy after delivering around 600 partially functional drones. Noted as one of the first high-profile Kickstarter failures, the collapse of the Zano prompted Kickstarter to hire an investigative reporter to evaluate why the project failed [?].

Stage: Dead

22. **Zeebo**

The Zeebo is a 3G-enabled entertainment and education system from Zeebo Inc. It enabled users to play video games, and also connect to the Internet, communicate online and run educational applications. The Zeebo was targeted at developing markets such as Brazil and Mexico. Zeebo Inc. described the Zeebo as bringing "the fun and excitement of interactive entertainment and education to those who—until now—have had little or no access to such technology."

Zeebo was founded by Reinaldo Normand in 2008, based on a working prototype developed by Dave Durnil and business plan by Mike Yuen at Qualcomm. The company's stated intention was to create an affordable console with inexpensive games and educational content delivered via wireless digital distribution to circumvent piracy. The Zeebo doesn't use DVDs or cartridges; games and other content are downloaded wirelessly over broadband cellular networks. In addition to games, the Zeebo system also provides Internet connectivity, enabling users to access educational and information content, communicate via e-mail and do social networking (this capability was supported in Brazil and Mexico). Before its discontinuation, Zeebo had attracted content from companies such as Activision, Capcom, Digital Chocolate, Disney Interactive Studios, Electronic Arts, Fishlabs, Flying Tiger, Gamevil, G-Mode, Glu, id Software, Limbic Software, Namco, Polarbit, Popcap, Twelve Interactive and Vega Mobile [?].

Manufacturer: Zeebo Inc.

Developer: Zeebo Inc., Tectoy

Product family: Zeebo

Type: Home video game console

Generation: Seventh generation era

Release date: Brazil: May 25, 2009, MEX: November 14, 2009

Competitors: PlayStation 3, Xbox 360, Wii

Lifespan: 2009–2011

Media: Digital distribution

CPU: ARM11 clocked at 528Mhz

Storage: 1 GB NAND flash

Graphics: ATI Imageon

Controller input: 6-button dual analog gamepad
Connectivity: 1 SD card slot, 3 USB 2.0 ports, 3G HSUPA 2.5G EDGE, 2G GPRS
Online services: ZeeboNet on Claro 3G (Brazil) Telcel (Mexico)

23. **ZionEyez**

ZionEyez embeds a 720p HD video camera within a pair of eyeglasses designed to record live video data and take pictures. The recorded data can be stored on the 8GB of flash memory within the Eyez glasses, transferred via Wifi/Bluetooth or Micro USB to a computer, or wirelessly transferred to most iPhone or Android devices. After a one-time download of the Eyez smartphone and tablet app, users can wirelessly broadcast the video in real time to their preferred social networking website [?].

Stage: Dead

24. **Pebble (watch)**

Pebble is a discontinued smartwatch developed by Pebble Technology Corporation. Funding was conducted through a Kickstarter campaign running from April 11, 2012, to May 18, 2012, which raised \$10.3 million; it was the most funded project in Kickstarter history, at the time. Pebble began shipping watches to Kickstarter backers in January 2013. Pebble watches can be connected to Android and iOS devices to show notifications and messages. An online app store distributes Pebble-compatible apps from many developers including ESPN, Uber, Runkeeper, and GoPro [?].

Founded Year: January 23, 2013

Units sold: 2,000,000+ as of December 2017

Stage: Dead December 7, 2016

Total Raised: \$10.3 million

Developer: Pebble Technology, Corp., Pebble Devices, Corp in California

Location: Manufacturer: Foxlink Group in Taiwan

25. **Pirate 3D**

3d printing startup Pirate3D made headlines when it raised US\$1.5 million on Kickstarter. It was the highest-ever crowdfunding campaign from a Singapore company. Then came the warning signs: its 3d printers were not delivered on time, and angry customers demanded refunds, which were again delayed [?].

Total Raised: US\$1.5 million

Stage: Dead

Location: Singapor

26. **Njoy**

NJOY develops electronic cigarettes. The company offers a variety of rechargeable and non-rechargeable electronic cigarette products made for adult smokers. These products provide nicotine and rich tobacco and menthol flavor without smoke or odor, and cost less than traditional cigarettes to use [?].

Founded Year: 2006
Stage: Unattributed - Alive
Total Raised: \$578.14M
Last Raised: \$4.99M — 1 yr ago(2021)
Location: 155 6th Avenue 2nd Floor, New York, New York, 10013, United States, 833-275-6569

27. **Novelsys**

Reinventing the Mobile Charging Experience. Industries Consumer Electronics Electronics iOS [?].

Founded Year: 2014

Stage: Dead

Location: Singapore, Central Region, Singapore

28. **Jibo**

On July 16, 2014, Cynthia Breazeal is an American roboticist and entrepreneur launched an Indiegogo campaign to crowdfund the development of Jibo, a personal assistant robot widely marketed as the world's first family robot. She served as chief scientist and chief experience officer. Jibo reached its initial fund-raising goal and was due to launch in 2015, then later pushed to 2016, before finally being released in November 2017. The robot was created with the goal of creating more engaging social experiences, including storytelling and other forms of entertainment [?].

Founded Year: 2017 by Cynthia Breazeal

Capital: Raised more than \$70 million

Stage: Dead

Location: United States

29. **Juicero**

Juicero was an American company that designed and manufactured the Juicero Press, a fruit and vegetable juicer. The Juicero Press was a Wi-Fi connected juicer that used proprietary, single-serving packets of pre-juiced fruits and vegetables that were sold exclusively by the company by subscription. From 2014 to 2017, the San Francisco-based firm received \$120 million in startup venture capital from investors. The company attracted significant negative media attention when consumers and journalists discovered that its juice packets could be squeezed just as easily by hand as by the company's expensive machine. On September 1, 2017, the company announced that it was suspending sales of the juicer and the packets, repurchasing the juicer from its customers and searching for a buyer for the company and its intellectual property. After its demise, the company was described in the press as a symbol of a dysfunctional Silicon Valley culture. The Guardian wrote that Juicero was an example of "the absurd Silicon Valley startup industry that raises huge sums of money for solutions to non-problems [?]."

Capital: \$120 million From 2014 to 2017 received from investors

Stage: Dead

Location: San Francisco, California, United States.

30. **Fuhu**

Fuhu was a company that made the Nabi series of tablet computers. The company filed for bankruptcy, eventually leading to the company's closure on January 9, 2016. Mattel later acquired and continued the brand with the Nabi SE for a few years until the Nabi line was quietly discontinued in 2019[?].

Type: Private

Founders: Robb Fujioka, John Hui, & Steve Hui

Founded: 2008

Defunct: January 19, 2016

Fate: Filed for bankruptcy; assets sold to Mattel & product line subsequently discontinued

Revenue: \$70 million (2014)

Location: El Segundo, California, United States

31. **Airware Dorne**

Airware (incorporated as Unmanned Innovation, Inc.) was an American venture-funded startup that provided commercial unmanned aerial vehicles for enterprises. The company ceased operations on September 14, 2018. Airware was founded in 2011 in Newport Beach, California, by Jonathan Downey. The company relocated to San Francisco in January 2014. The company produced enterprise drones which combine hardware, on-aircraft and mobile software, & cloud services. Downey has stated the company is focused on building systems for drones for commercial uses, including anti-poaching efforts, infrastructure inspections, and precision agriculture [?].

Industry: UAV Systems

Founded: 2011

Capital: March 2016, \$30 million

Key people: Jonathan Downey (Founder), Yvonne Wassenaar (CEO)

Website: Airware.com

Location: San Francisco, California, United States

32. **Better Place**

Better Place was a venture-backed international company that developed and sold battery charging and battery switching services for electric cars. It was formally based in Palo Alto, California, but the bulk of its planning and operations were steered from Israel, where both its founder Shai Agassi and its chief investors resided.

The company opened its first functional charging station the first week of December 2008 at Cinema City in Pi-Glilot near Tel Aviv, Israel. The first customer deliveries of Renault Fluence Z.E. electric cars enabled with battery switching technology began in Israel in the second quarter of 2012, and at peak in mid September 2012, there were 21 operational battery-

swap stations open to the public in Israel.

Better Place filed for bankruptcy in Israel in May 2013. The company's financial difficulties were caused by mismanagement, wasteful efforts to establish footholds and run pilots in too many countries, the high investment required to develop the charging and swapping infrastructure, and a market penetration far lower than originally predicted by Shai Agassi. Fewer than 1,000 Fluence Z.E. cars were deployed in Israel and around 400 units in Denmark, after spending about US\$850 million in private capital. After two failed post-bankruptcy acquisition attempts, the bankruptcy receivers sold off the remaining assets in November 2013 to Gnrgy for only \$450,000.[?]

Private Capital: US\$850 million

Type: Venture backed private

Industry: Transport

Founded: 2007

Founder: Shai Agassi

Defunct: 2013

Fate: Bankrupt, liquidated in 2013

Headquarters: Palo Alto, California, United States

Key people: Idan Ofer (Chairman), Dan Cohen (Chief Executive Officer)

Products: Subscription-based electric car charging points & battery-switching stations. Retail deliveries since 2Q 2012 in Israel

Website: 'www.BetterPlace.com' URL is Archived

33. **Coolest Cooler**

The Coolest Cooler was a multi-function cooler that was initially funded through the crowdfunding website Kickstarter. In the summer of 2014, Ryan Grepper raised over \$13 million, making it the most funded Kickstarter campaign of 2014. Crowdfunders were offered the product at a discounted rate but eventually due to corporate failure not all backers received a product.

In December 2019, CEO and founder Ryan Grepper announced that the company was closing, having never delivered coolers to an estimated 20,000 of the original backers. This makes Coolest Coolers one of the most disastrous campaigns ever on Kickstarter [?].

Capital: Raised over \$13 million, making it the most funded Kickstarter campaign of 2014

Developer: Ryan Grepper

Release date: 24 July 2015

Discontinued: 06 December 2019

Sound: Bluetooth water-resistant speaker

Input: 2x USB charging port — (5 volts, 1 amp & 2.1 amp)

Power: 20V Rechargeable lithium ion battery

34. **One Laptop Per Child**

One Laptop per Child (OLPC) was a non-profit initiative established with

the goal of transforming education for children around the world; this goal was to be achieved by creating and distributing educational devices for the developing world, and by creating software and content for those devices. After disappointing sales, the foundation shut down in 2014.

The goal was to transform education, by enabling children in low-income countries to have access to content, media and computer-programming environments. When the program launched, the typical retail price for a laptop was considerably in excess of \$1,000 (US), so achieving this objective required bringing a low-cost machine to production. This became the OLPC XO Laptop, a low-cost and low-power laptop computer designed by Yves Béhar with Continuum, now EPAM Continuum. The project was originally funded by member organizations such as AMD, eBay, Google, Marvell Technology Group, News Corporation, Nortel. Chi Mei Corporation, Red Hat, and Quanta provided in-kind support.

The OLPC project was the subject of much discussion. It was praised for pioneering low-cost, low-power laptops and inspiring later variants such as Eee PCs and Chromebooks; for assuring consensus at ministerial level in many countries that computer literacy is a mainstream part of education; for creating interfaces that worked without literacy in any language, and particularly without literacy in English. It was criticized from many sides regarding its US-centric focus ignoring bigger problems, high total costs, low focus on maintainability and training and its limited success. The OLPC project is critically reviewed in a 2019 MIT Press book titled *The Charisma Machine: The Life, Death, and Legacy of One Laptop per Child* [?].

Capital: \$12M/y budget from 2006-2008, & a \$5M/y budget from 2008-2014

Formation: January 28, 2005

Type: Non-profit

Official language: Multilingual

Founder: Nicholas Negroponte

Key people: Seymour Papert, Mary Lou Jepsen, Alan Kay, Mitch Bradley, & Rodrigo Arboleda Halaby

Website: one.laptop.org

Location: Miami, Florida, U.S.A.

35. **Theranos**

Theranos was an American privately held corporation that was touted as a breakthrough health technology company. The company claimed that it devised blood tests that required very small amounts of blood and could be performed rapidly, thanks to the small automated devices the company had developed. However, these claims were later proven to be false [?].

Formerly: Real-Time Cures

Type: Privately held corporation

Industry: Health care

Founded: 2003

Founder: Elizabeth Holmes

Defunct: September 4, 2018

Fate: Dissolved and liquidated; founder convicted of wire fraud and conspiracy

Location: Theranos was headquartered in Palo Alto, California. It previously had laboratories in Newark, California and Scottsdale, Arizona.

Key people: Elizabeth Holmes (chairwoman and CEO), Ramesh Balwani (president and COO), George Shultz (board member)

Products: Blood tests

Services: Medical tests

Website: theranos.com at the Wayback Machine (archived by FBI August 28, 2018)

Valuation:

Theranos raised millions of dollars in its first years. 2004, raised more than \$6 million from investors at a valuation of \$30 million. 2006, \$45 million total fundraising after Series B and Series C funding. 2010; raised an additional \$45 million at a valuation of \$1 billion. 2014; raised more than \$400 million with an estimated value of \$9 billion. 2016, Forbes revised the estimated net worth of the company to \$800 million taking into account the \$724 million of capital raised. In May 2018 John Carreyrou reported that American business and government leaders lost more than \$600 million by privately investing in Theranos. Major investments had been made by the Walton family (\$150 million), Rupert Murdoch (\$121 million), Betsy DeVos (\$100 million), and the Cox family (of Cox Media Group) (\$100 million). The final liquidation of the company in September 2018 rendered these investments worthless.

36. **Jawbone**

Jawbone was an American privately held wearable technology company headquartered in San Francisco, California. Since June 19, 2017, it has been undergoing liquidation via an assignment for the benefit of creditors. It developed and sold wristbands and portable audio devices and Bluetooth headsets. Jawbone marketed its wearable products as part of the Internet of things [?].

Industry: Consumer electronics

Founded: December 1, 1999 (As Aliph)

Founder: Alexander Asseily, & Hosain Rahman

Stage-Fate: Undergoing liquidation

Location: San Francisco, California, U.S.A.

37. **Lumos**

Lumos has developed a technology that can turn backpacks or briefcases to a mobile charger. The solar backpack can house a laptop and other gadgets, and uses an innovative solar fabric to charge devices. The backpack has an in-built battery that can store the solar energy and can charge smartphones and other USB-based devices like MP3 players, Bluetooth headsets, etc. The backpack comes with a wide range of mobile phone

connectors for different models[?].

Founded Year: 2012

Stage: Dead

Total Raised: \$410K

Location: CA Site No:1. JSS Institution Campus HAL 3rd Stage, Behind Hotel Leela Palace, Kodihalli, 560 008, India, +91-99801-61617

38. **Hello**

Hello is the developer of Sense, a smart sleep sensor. Sense is a sleep tracking device that measures temperature, humidity and ambient light [?].

Stage: Dead

Total Raised: \$52.92M

Location: 1660 17th Street, Daly City, California, 94017, United States, 415-937-2303