Theranos Inc., a consumer healthcare technology startup, is a company which developed automated device through which blood tests can be performed rapidly with small amount of blood and claimed that it would revolutionize the blood-testing industry.Theranos used a machine which could test variety of diseases such as cholesterol,thyroid hormone etc. through only a few drops of blood from the finger.Theranos charged less than the half rates charged by Medicare and Medicaid in the US.

Nineteen-year-old Elizabeth Holmes founded Theranos with the aim to democratise the testing process so that anyone can get a test done and have it analyzed .A small device called nanotainer was used to study the drop of blood from patient’s fingertip and the **Edison**, a desktop-printer-sized blood tester was used to perform hundreds of scan quickly from the micro-dose of blood

In 2014, blood-testing startup Theranos was on top of the world.

Elizabeth Holmes was the world's youngest female self-made billionaire, and Theranos was one of Silicon Valley's unicorn startups, valued at an estimated $9 billion.  There was the obsessive secrecy of theranos and .nothing was done without her approval.

But then it all came crashing down. due to it’s fault and flaw Theranos machine used to produce fault reports. In October of 2015, when investigative reporter John Carreyrou of The Wall Street Journal asked the logic behind the theranus technology.the employs of that company used to say different story about the device.some said that the results of Edison was inaccurate some told that they did not test the blood in lab rather they used traditional system which were brought from ordinary supplier to test the blood. After his [**story was published by the Journal in October 2015**](https://www.wsj.com/articles/theranos-has-struggled-with-blood-tests-1444881901), the US financial regulator, the Securities and Exchange Commission, opened an investigation. The company soon found itself facing legal and commercial challenges from medical authorities and investors

The Centers for Medicare and Medicaid Services, which supervised blood testing laboratories, cancelled Theranos' licence. Within a year the company began shutting down its labs . the company was forced to shut down its lab and testing centers and was charged with the massive fraud.