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MIS 2502: Optional Extra Credit Assignment

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Couchbase Database Company

The article I chose from *Reuters* is titled “NoSQL database company Couchbase confidentially files for IPO”. “Couchbase” which is an example of an open-source NoSQL database, has recently registered for a stock market debut. This is predicted to come in the first half of 2021 and is valued to be as much as \$3 billion. As this initial public offering remains confidential, there is not much that has been made public.

With that being said, Couchbase has achieved over \$100 million in annual revenue. The purpose Couchbase serves is to help corporate customers such as eBay and Comcast, manage databases through its NoSQL cloud database service. Whether it’s on the web or a mobile application, Couchbase thrived through the COVID-19 pandemic last year because of the demand for data storage and processing through virtual work.

Throughout MIS 2502, we studied what a NoSQL database was, and learned about Couchbase’s NoSQL database competitor, MongoDB. According to the article, MongoDB also filed for an IPO back in 2017. As we know MongoDB can be “easy” to learn because of how similar it is to SQL syntax, we can imagine the possible differences between the two. This is why the topic of “Couchbase” in today’s news relates to the material we covered in class. It’s important to expand your knowledge with different database engines, relational or NoSQL, and what they’ve done to become successful in the latest age of technology.

According to Silicon Angle, who had written a similar article based on Reuters, gives us some more insight on how Couchbase has applied its practices and the innovation of its syntax. “You know that language that you’ve been speaking the whole time, talking to your old database? Well, you can speak with that same language on your new database,” Stated from the Couchbase Chief executive, Matt Cain. In other words, Couchbase makes it easier for companies to adopt Couchbase’s platform “in a way that they’re comfortable with and is aligned to the skill sets they have.” (Deutscher, 2021). Since it is known that many organizations already have analysts familiar with SQL syntax.

Another fact includes Couchbase’s journey through the shift to the cloud. Silicon Angle reports that Couchbase “debuted a managed version of its database that runs on Amazon Web services and Microsoft Azure. What will they, or any other NoSQL database, accomplish next?