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EC601 A2

User Stories to Application launch without humans

User Stories to Application Launch without Humans means that computers can create certain applications to solve particular questions, while all the codes can be written by computers themselves. So when we are talking about automatic processes, we are really talking about deep learning, databases and machine learning. Before computers are able to solve this kind of problem, they have to train from tremendous data sets. After training, when computers are confronted with user stories, they can know how to work out a particular problem.

Firebase, as the most extinguish tool of this technology, can help us know better. Although Firebase is close related to app developping, it is not only engineers are using it, people who are working as HR, marketing person, or financial officer also covers over 70 percent. And how does Firebase work? Imagine this, one day there is a brilliant idea pop in your head, and brfore you can actually launch this idea, you have to consider several problems: how to build a foundation frame, where should you store the data, have to build a server and so on. This is the process to accomplish the idea, and somehow just exband the energy and fund you have to pour into. But when we take Firebase into consideration, the sources have been mentioned before can be easily achieved by it, as a cloud PaaS which depended on Google Cloud Platform, all the information and service will be fullfilled by GCP.

There are bunches of functions can be achieved by Firebase or similar ones, but the most important technology is natural language processing, which combines computer language and human languages though logical and statistical ways. After learning, computers can understand the text and messages that human have sent to them and process to get certificate information-- uncover valuable insights from text in documents, customer support tickets, product reviews, emails social media feeds and more. After that, computers will simplify documents processing workflows by extracting text, key phrases, topics, and more, which can be gathered to be data sets and be learned by computers. After this, computers will differanriate the business by training a model to classify documents terms, and extracted data will be analyzed to identify what actions lead to the most positive customer outcomes. Finally, insights are applied to customer service training to improve the rate of positive outcomes in less time.

Nowadys there are many companies have applied this technology into real case. For example, for those companies which want to develop their service by analyzing comments sent back by customers, they can easily detect customer sentiment and find out customer interactions and then automatically categorize inbound support requests, extra insights from customers survey to improve products. Another example is PubNub, a leading provider of real-time APIs for building device control and rel-time mapping apps. PubNub has found that chat and collaborations have emerged as a dominant use case across customer base, and combined thiose activities with this technology help make chat apps smarter and furthermore make it easier for customers

to grow business internationally through high-performance and localized chat functionality. User Stories to Application Launch without Humans is a effective way to support companies from different areas and from diverse levels. Computers can do the exact orders in an more active way, which used to be a exhausting task to human programmers. Besides, it can improve the existing application. For example, it can add some common and regular functions to applications, or fix some frequent running mistakes before they break down the whole system. Almost every software company can be potential customers to this technology, engineers can be freed from managing campaign infrastructure and put their effort into more complex areas, furthermore, helping the team to perform better. Not only can this technology develop a specific function or help companies provide better service, but also can help ordinary people live better and more convient.

The links I have refered are shown below:

[1]https://www.outsystems.com/p/modern-development/

[2]https://www.crowdbotics.com/app-builder

[3]https://www.ibm.com/cloud/learn/natural-language-processing#toc-what-is-na-jLju4DjE

[4]https://machinelearningmastery.com/natural-language-processing/

[5]Chowdhary, K.R. (2020). Natural Language Processing. In: Fundamentals of Artificial Intelligence. Springer, New Delhi.
https://doi.org/10.1007/978-81-322-3972-7_19