SIT305

2.1P Question 3

Llama 2 Report:

Llama(Large Language Model Meta AI) 2 is an LLM that can be used by developers everywhere to help them program and develop Android apps. Llama 2 is open source and is free for both research and commercial use, making it very accessible for not just developers but anybody looking to make use of its capabilities.

New developers could find Llama 2 very beneficial when it comes to programming an app as they may not have a lot of experience with coding but have experience with design. It can give them the capabilities to be able to code simple apps that will work with their designs, creating opportunities for more people to be able to create and share their ideas.

Experienced developers can also utilise Llama 2 to refine their code, running tests and debugging as well as searching for redundant sections and places where their code can be made more efficient. It could also be used to refine their notation and find sections of code that are not well explained or notated.

Llama 2 could be used to control the conversational AI used in a "Get Help" chat that assists users with issues and FAQs. Llama 2 excels at dialogue so it would be a good resource to make chatbots that sound more like people and are easier to talk to and discuss your issues with. This will make conversations with chatbots more natural which is something that consumers frequently have issues with and complain about.

It could also be used in the conversion of apps between languages, using it to make sure that large amounts of text are translated while maintaining the same feel to it, rather than coming out as a direct translation that doesn't feel real anymore. This could really open up the market for apps to be accessible in multiple countries, as well as letting people whose first language is not English create apps that can be used in English.

Due to AI's ability to continually generate ideas, it could be used as a means of generating puzzles, game levels or training scenarios in multiple types of apps. Apps that have an unending amount of levels that you can keep playing could utilise Llama 2 to generate that sort of thing as well as training apps for work places that need new training scenarios. The AI could act as a customer in a training segment that changes each time you do it so as to better prepare employees.

Llama 2 has a lot of different possible uses for helping developers create better and more functional mobile apps, and the more that people utilise LLMs like these, the more they will develop and grow to be able to provide us with even more capabilities.