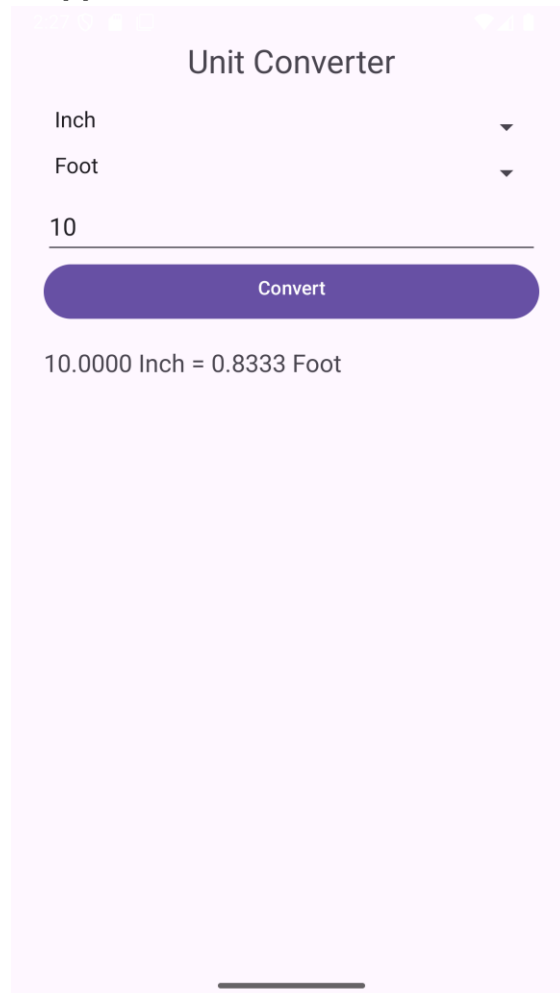


SIT708 – MOBILE APP DEVELOPMENT

RUBALPREET SINGH

TASK 2.1

1) Screenshot of main app screen



2) Video link showing the app is working

https://youtu.be/sjE5hY9TF_0?si=vL4nLe87woOhcDw

3) Report

Llama2 is a powerful Large Language Model made by Meta (formerly Facebook). Llama2 can be used by anyone in research or business, so both developers and companies can add powerful language functionality to projects such as mobile apps on Android.

Five Ways Llama2 Works in Android Mobile Apps:

- a) Sharing ideas is a simple process with virtual assistants.
Llama2 helps build advanced virtual assistants into Android applications.
Unlike the simple bots I mentioned earlier, an assistant built with Llama2 can

reply to hard-to-understand requests, keep up with each request and behave just like a human. An Llama2-powered assistant in a healthcare app can help users set up appointments, remind them about their meds, answer simple health questions or identify serious symptoms and suggest help. As a result, users get better help, companies need less human effort and people have access to support round the clock on their phones.

b) Teachers Use Personalized Learning Methods

Apps using Llama2 technology can give students unique tutoring experiences. With the model in place, users can take quizzes online, receive support for difficult topics, get instant grades on their work and receive adaptive explanations. Have a language learning app use Llama2 to set up personal chats, correct any mistakes and add the right new words that learners need. Through looking at how a student answers and learns, the app can make changes to the content to keep the learning unique.

c) Writing Content Summary Versions and Learning To Take Notes

The ability of Llama2 to understand language well means Android apps can now summarize articles, documents and meeting notes in a condensed version. Using such apps, lectures and business talks can be summarized, so the information becomes easier to look over and distribute. Some news apps let you read the main points without having to read the whole article. As a result, users save time and remember more information while they are productive.

d) Effective Management of Content and Safety

Safety online is very important for both social media and messaging apps. Llama2 makes it possible to catch and remove harmful material such as hate speech, bullying or spam on your device before you see or send it. Algorithms used in the model check messages, images accompanied by captions and comments for rule violations more efficiently than the traditional systems. With local operations, Llama2 is able to control content immediately, protect user privacy and reduce its dependence on cloud moderation services.

e) Using voice commands and searching with regular language

Efficiency in voice-enabled Android apps can be boosted by using Llama2's accurate and suitable interpretation of what a user says. Users can ask these apps to do things such as flip on the living room lights after sunset or remind them to call mom every Friday around afternoon. With Llama2, search tools in note organizers, file managers and e-commerce platforms gain additional

strength by understanding what users actually mean. It leads to apps that are easier and more pleasant to use.

4) Error handling

This video shows that the app does not crash while the input is invalid, it does not allow other inputs apart from numeric input, the app does not allow the source unit and destination unit to be same, this makes it error free and crash free.

The link to the video is provided below:

<https://youtube.com/shorts/e2tNKw9A7Yw?si=drZq99rGGK0K3RWM>