HD Task 8.2 - Implementation and Presentation of Proposed App

Task Description

Following the completion of your app development proposal, continue working very closely with your tutor, the next step is to bring your concept to life. You are required to develop a functioning prototype of your proposed app using Android Studio and Java, integrating Llama 2 features as outlined in your proposal. Weekly progress updates and discussions with the tutor is mandatory. Upon completion, you will prepare and record a 10-minute presentation detailing your development process, the app's functionalities and innovations, and how it addresses the goals set forth in your proposal.

- Develop a working prototype of your app in Android Studio, using Java as the primary programming language. Python may also be used.
- Ensure the app incorporates the key features and functionalities described in your proposal, with a particular focus on the integration of Llama 2.
- The app should have a user-friendly interface, following Android's design principles.

Presentation Guidelines:

- Introduction (1-2 minutes):

  Briefly reintroduce your app concept and its objectives.

- Development Process (2-3 minutes):

  Outline the development methodology you followed. Discuss any challenges you faced during development and how you overcame them.

- App Demonstration (3-4 minutes):

  Provide a live demonstration of your app, showcasing its key functionalities. Highlight the integration and benefits of Llama 2 within your app.

- Conclusion and Future Work (1-2 minutes)

Submission Details:

1. You must ensure that all your project files used for this task sit in a directory called "Task 8.2".
2. All files are required to be uploaded and a link to the "Task 8.2" directory submitted to OnTrack.
3. Please make sure that unit chair and tutor have access to the folder.

4. Links to the presentation video and demo video of your app running must be submitted by using the task submission page to OnTrack.
5. Submit your GitHub link and your MainActivity file to Ontrack.
6. It would be great if you could submit the screenshot of the main app screen.

Criteria	Lower High Distinction (Lower HD)	Higher High Distinction (Higher HD)
Functionality	App functions smoothly with all key features, including Llama 2 integration, implemented correctly. Minor bugs may be present but do not significantly impact usability.	App functions flawlessly with seamless Llama 2 integration. Features not only work correctly but also demonstrate advanced use of the technology.
User Interface	Interface is well-designed, making good use of Android design principles. Navigation is clear and mostly intuitive.	Interface is exceptionally designed with outstanding attention to detail. Navigation is intuitive, and the design enhances user engagement.
Technical Proficiency	Good use of Android Studio and Java is evident. Code is well-structured and commented, demonstrating a solid understanding of the tools.	Exceptional use of Android Studio and Java, showcasing advanced coding techniques and optimizations. Code is exemplary in structure and readability.
Presentation Skills	Presentation is clear and structured, with a good flow of information. The speaker communicates effectively, though minor improvements in engagement could be made.	Presentation is compelling and highly engaging, with excellent clarity and a natural flow. The speaker demonstrates outstanding communication skills, making complex information accessible.
Innovation and Creativity	The app shows creativity in its concept and use of technology, offering a novel approach to the identified problem.	The app is highly innovative, pushing the boundaries of what's expected. Creativity is evident in every aspect, from concept to technology use.
Future Work and Scalability	Demonstrates a thoughtful consideration of future enhancements and scalability, with realistic and achievable ideas.	Provides insightful and forward-thinking ideas for future work, demonstrating a deep understanding of potential scalability and evolution of the app.