Tell us what your idea is.

Many tourists prefer to take guided tourist tours around the locations they visit in order to get a deeper understanding of their present and their history. However, tight schedules, tiredness, different preferences among a group of travellers and other hindrances might prevent this. So we propose an app that works as a local tourist guide and enables the user to tailor their experiences according to their preferences. Users can find interesting locations nearby by enabling GPS on their phones or by entering a location manually, even from the sofa at home. The highlighted tourist destinations on the map will provide an audio story scene. When the user reaches an activity area of a scene, the interface alarms the user via vibration and sound effect. While in the area of the scene, a text box in the bottom gives information about the scene and a play button for entering the scene. All scenes have a dialog in the selected language and relevant photos / videos / other modern media. The attachments of this proposal include an example what a local audio experience might look and sound like. We hope to cooperate with Google Local Guides and their photos/stories + local residents and organizations with stories to tell and information to share around the world to include more location-based content in the app for people to explore. Users can choose the type of stories they prefer: informational, artistic, etc.

Tell us how you plan on bringing it to life.

Google App Maker will be used to create the app by May 1, 2020. The initial version will likely be the local implementation presented in the Location_based_storytelling_Tampere file, not a global one since the latter requires cooperation between local content creators and the deadline is probably too tight for that. Automatic information gathering system can address partly the need for fast content creation but more refined storytelling requires a more organized approach. The app could include a recommender system and utilize Live Transcribe and Live Captions, as well as Cloud Vision, Natural Language, and Translation

APIs, ARCore and ML Kit. The app could also be extended to the Google Assistant with a deep link to specific app activities with App Actions.

It is not totally clear what kind of support can be expected from Google but to list the minimum:
-Suggestions on how to optimize the use of Google services in the app.
-Mentoring (e.g. someone to ask for technical assistance if=when faced with technical challenges during implementation)
-Expertise and development support
-Exposure and street cred
-Communication to Local Guides to inform them of this option once the implementation is far enough

Tell us about you.

The team includes few computer science students and a professional sound engineer, all studying Human Computer Interaction. The team has some experience/studies in machine learning, statistical learning, GCP and programming.