Capturing Travel Experiences

Project Brief. The goal of the project is to allow groups of travelers (e.g., friends, families, backpackers) to capture their experiences digitally, allowing them to easily exchange their photos and memories with each other. With current tools the exchange of vacation photos often results in duplicates, unsorted folders on clod storage platforms, or heavily compressed items on social media. Furthermore, tracking travel routes, writing notes about special places, and visualizing the whole travel experience in an appealing way, cannot be achieved through a single application at the moment.

The users of this project are travelers who want to capture their experience of a journey while still being present in the moment. The goal is to facilitate the generation of the digital equivalent of a photobook, that includes curated moments but without required frequent interaction with the smartphone while traveling. The application should therefore automatically record information and allow manual filtering once returned home or at night when having arrived at the accommodation. The application could, for example, pick good photos from each member of a travel group and prompt them to make them available for everyone. Furthermore, the travel route could be automatically recorded, and the app could prompt users to annotate special places where they have spent most time. Add the end of the holiday, the app should allow users to export their experience in different formats, such as an interactive website, or sorted zip folder for archiving purposes.

Application requirements

- Allow the quick creation of travel groups to which multiple users can be added
- Enable the sharing of photos, videos, GPS tracks, notes, etc. with other members of the travel group and filter out duplicate content
- Represent the journey in a visually appealing way to review captured memories once returned home

The application may have

- Detect the best/most relevant data based on algorithms and machine learning (e.g., points where a lot of photos were taken might be of high relevance to the group)
- Export experience as an interactive website to allow sharing with friends
- Export to standard formats (e.g., ZIP archive)