Travelex: Augmented Reality using Google GeoFences

Mixed Reality Class
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***Abstract*—The tourism is a growing market and every company or local businessinvolved on this are looking for attracting more and more tourists to their destinations.**

This paper explains the use of Google Geofences for providing real-time notifications to tourists who holds a smartphone. The notifications provides information about the near places and some recomendations about the interesting places to visit. The Travelex mobile application is planned to improve the tourists' experience with the ability of knowing what are the most visited places and at the same time it will be providing a way for posting feedback and share with others.

I. Introduction

With the release of powerful smartphone devices, and more recently Googles project Glass, Augmented Reality (AR) quickly became the new buzz word. The technology allows combining seamlessly physical world and virtual information, but is still widely under-utilised in the field of Tourism.

This report presents 10 highly innovative AR experiences that showcase the potential of the technology to revolutionise the way we experience new destinations and services within the industry.

A. AR trends

Augmented Reality solutions on this

B. Related Projects

Related projects that do similar stuff

1) Research: Here's some research done for this project

C. Hardware Requirements

Here we're specifying Harware Requirements

1) Justification: Here is the Justification for Hardware Requirements

D. Programming Techniques

Here are the Programming Techniques

1) Justification: Here is the justification for Programming techniques

2) Comparison: Here is the comparison of multiple programming techniques

II. Our Work

This demo file is intended to serve as a "starter file" for IEEE conference papers produced under LaTeX using IEEEtran.cls version 1.7 and later.

A. Identifying places of Interest

Subsection text here.

B. Google Geofences Implementation

Subsection text here.

C. Project Schedule

Subsection text here.

1) Personnel Needs: Subsection text here.

D. Impact of the project

Subsection text here.

III. Conclusion

The conclusion goes here.

IV. Future Work

The Future Work goes here.

References

[1] H. Kopka and P. W. Daly, *A Guide to LaTeX*, 3rd ed. Harlow, England: Addison-Wesley, 1999.