Dream Design

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Abstract

The purpose of this paper is to design a new user interface for the Instagram application by integrating timeline options similar to the ones employed by Facebook, as well as allowing the users more freedom in editing their posts. Implementing these features would require integrating other APIs, such as Google Maps, for its ability to create a travel history for the user, and Snapchat, for its ability to grant users the option to doodle on their captured photos. The goal of the interface is to present the user with the power to map out a story based on their travel destinations and posts. The five usability metrics that are, therefore, involved in the creation of this design idea are learnability, efficiency, and satisfaction.

Contents

1 Introduction

Social media applications have become a common tool in our society, especially to millennials. The ability to connect with both friends and strangers alike through the submission of "posts" onto the internet has become so widespread that it is rare to find a person that do not possess at least one social media account. Some people can even say that their hobbies involve sifting through countless blogs, tweets, videos, etc. of internet celebrities. Because of the easy access that social media applications provide us to peek through the various adventures in other people's lives, we have become incredibly immersed in them. However, even with the continuous appearance of various applications that aim to grab our everyday attention, design flaws can still exist.

Today's social media posts often involve clever quips, funny memes, or embarrassingly hilarious gifs or videos.

Therefore, in order to address the issues with respect to the interface design of Instagram.

2   System Description

Although there is a desktop client for Instagram, the main focus of this paper is to address the designs in the mobile application.

3   Top-Level Design

The design would incorporate the Google Maps API and the Instagram API into a conglomeration that allows for posts, as well as The application will employ Snapchat's feature that allows the user to draw on the images. Currently, Instagram only allows various filters other lighting adjustments
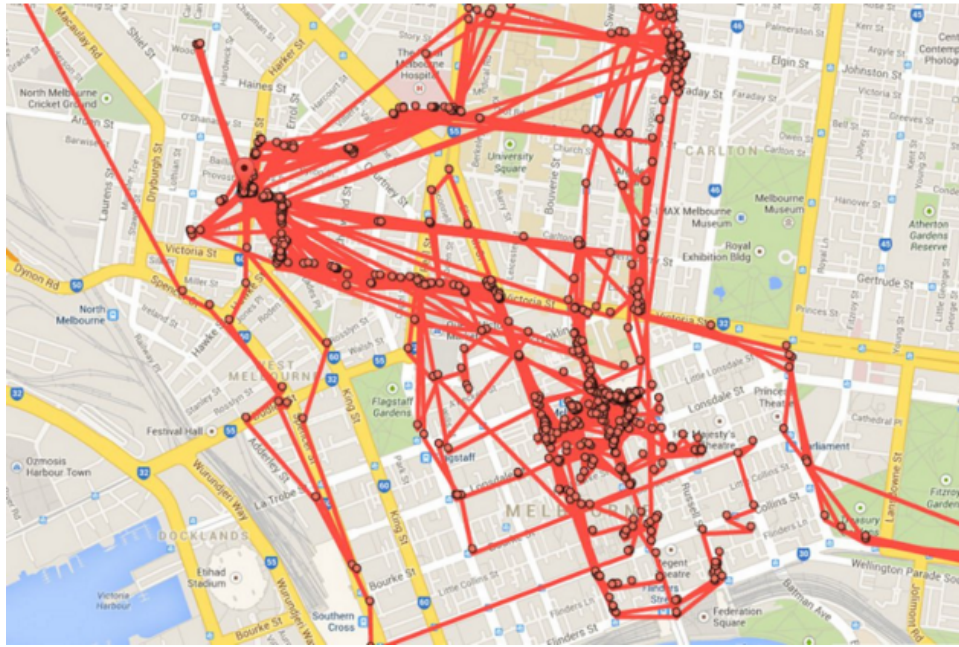

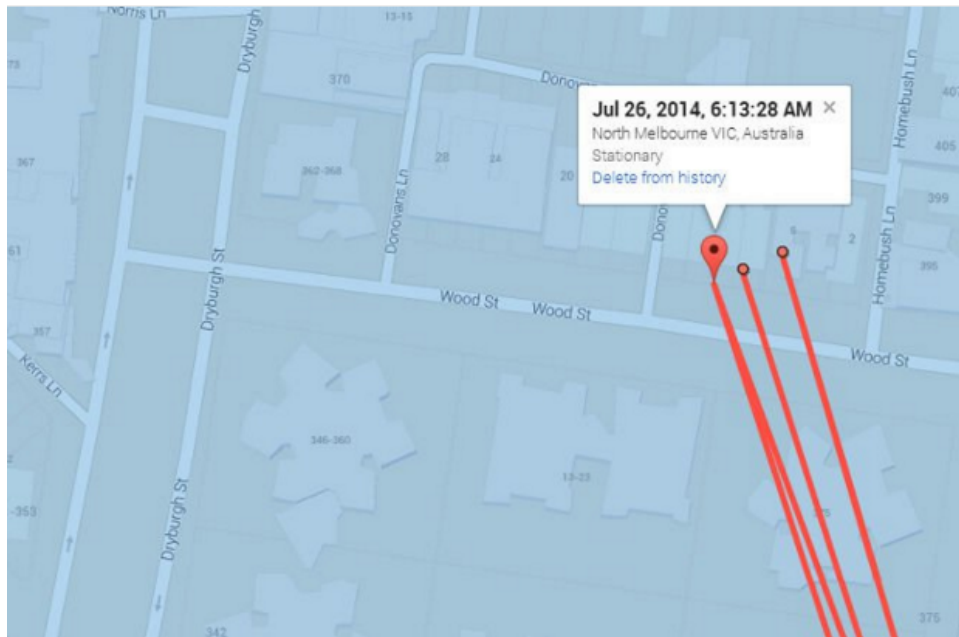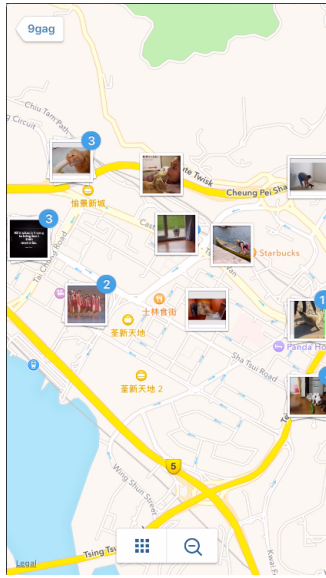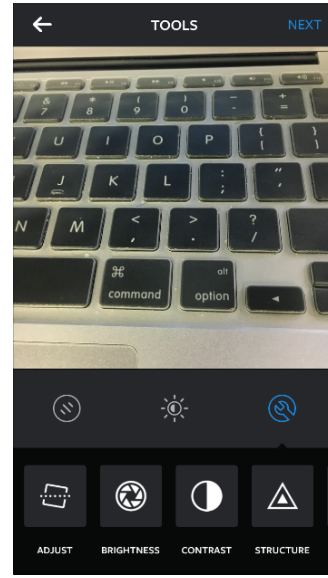Figure 1: Google Maps tracks users' travel history

Figure 2: The new interface would give the options to view information about the event or delete it.

4   Usage Scenarios

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(a) Instagram already allows users to group pictures based on where they were taken.

(b) Some tools that exist in Instagram's interface include brightness adjustments.

Figure 3: Original features in the Instagram interface
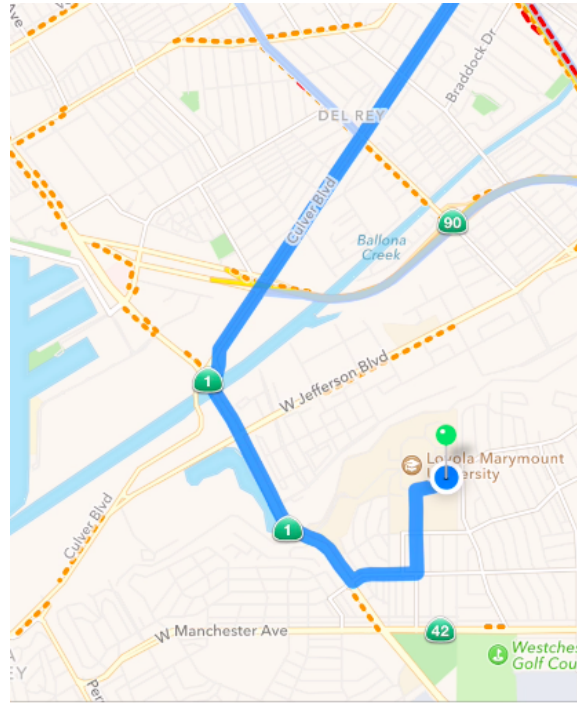
5 Rationale

The

Figure 4: Google Maps tracks users' travel history.

6 Usability Metric "Forecast"

Since the new design would integrate features that other APIs present, the usability metrics would have to be discussed. If the designs are successfully implemented and tested, given enough time, money, and manpower, the strongest metrics would have to be

Because of the added features, the number of errors would definitely increase since the user would have more options to tap a button they did not intend to select.

However, the strongest suit of the interface, in terms of the usability metrics discussed in class, would be satisfaction and efficiency. Because the purpose of the interface is to allow the users more freedom for their posts, consumer satisfaction is a necessary metric to fulfill. Additionally, since the interface would be implemented into a social media application, if it becomes widely used, then an expert user can easily navigate through the application's optional features.
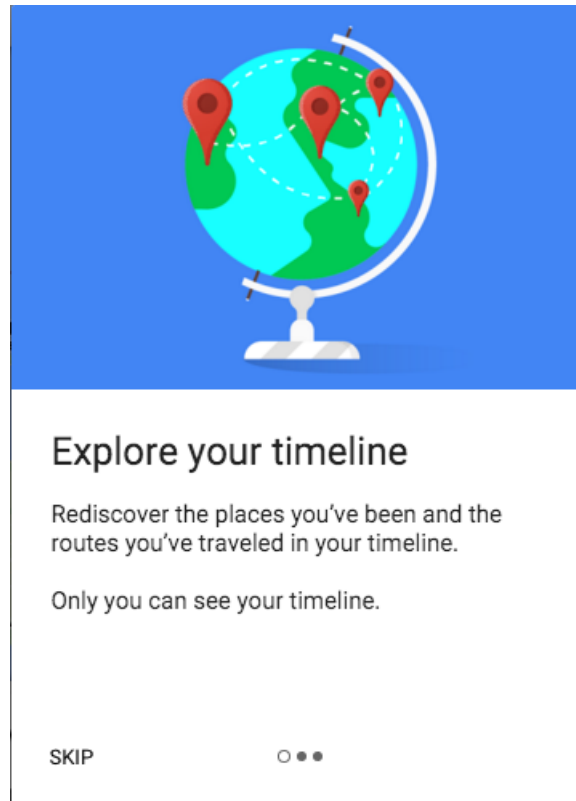
Figure 5: The new design would allow users to view where they have been, according to their posts' location.

Figure 6: An example of doodling on a picture. The flowers were hand-drawn
directly on the picture.