Specification of Final Year Project – Second Semester

Final Year Project Code: IK0902
Topic: iPhone Application
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Introduction

To have a better picture of the current market of iPhone application, we have been looking into the currently available top applications in the iTunes Apps Store, photography category in particular. Due to the craze of lomo camera, there have been already a lot of applications released that allow users to add different filters onto their photos so as to create photos that seem to be taken by lomo camera. After all, we found that the pool is already saturated with this kind of applications so we will not consider developing in this direction. Instead, we will try to focus on developing an application that can raise users' interest and bring new impact to the market.

We decided to develop "beauté", which is an application allow user to put makeup onto their faces. We are inspired by some applications that allow users to beautify their photos, like smoothing and brightening up the skin tone. Everyone loves to look pretty. This application can offer user a preview of how he/she looks like after putting on the makeup before they get that cosmetic in the store. User can therefore decide what he/she should buy. User can put on some cosmetics to the faces on the photos, like applying some eye shadow, brush, foundation…etc. All cosmetics used will be listed out to the user when finished. The preview photo can also be saved to the photo album on iPhone, shared with their friends through facebook or email.

Basic Features
- Save preview image to the photo album
- Allow redo and undo action
- Allow overlay image for applying the cosmetic
- Allow user to tune the brightness and contrast
- Share photo via facebook
- Send photo via email

Advanced Features
- Magic hand – tools / preview / Original
- Face detection can help to have a better control when putting on the makeup

Possible further development
- Cooperate with cosmetic brands to include their products in the application
- In-app purchase system for buying new cosmetic tools
- link to the online shopping website
- link to the beauty vlogger channel for watching the latest makeup tutorial