

MUSLIMAH AVATAR APPLICATION PROTOTYPE

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MUSLIMAH AVATAR APPLICATION PROTOTYPE

NOOR MUNIRAH MARZUKI

This report is submitted in partial fulfillment of the requirement for the
Bachelor of Computer Science (Interactive Media)

FACULTY OF INFORMATION AND COMMUNICATION TECHNOLOGY
UNIVERSITI TEKNIKAL MALAYSIA MELAKA
2010

DECLARATION

I hereby declare that this project report entitled
MUSLIMAH AVATAR APPLICATION PROTOTYPE

is written by me and is my own effort and that no part has been plagiarized
without citations.

STUDENT :  DATE: 29 JUNE 2010
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DEDICATION

Special dedication to my beloved parents,
En. Marzuki Bin Abdullah and Pn. Wan Jamaliah Bt. Wan Abdul Majid

For my supervisor,
Pn. Farah Nadia Binti Azman

And lastly to my beloved friends who have given me encouragement,
guidance, and inspiration throughout my journey in education.

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ABSTRACT

Muslimah Avatar Application Prototype is an application which has been developed especially for young teenage girls from the age of 12 to 14 years old. The development of this avatar application is aimed to design Islamic fashion which has been accepted in the global market. The knowledge about Islamic fashion can be widened as well as teaching them the appropriate ways of dressing up. Furthermore, this avatar application provides users with the ability to choose their virtual look. They are able to print their avatar and save it to their personal computer. Towards the development process, Rapid Application Developments (RAD) is being used. This methodology is very helpful as iterates three times which make the process become much easier in order to deliver a good product. Finally, the end product is hoped to become a success.

ABSTRAK

Muslimah Avatar Prototaip Aplikasi adalah sebuah aplikasi yang telah dikembangkan terutama untuk gadis remaja muda dari usia 12 hingga 14 tahun. Pembangunan aplikasi ini bertujuan untuk menghasilkan sebuah avatar yang bercirikan fesyen muslimah. Sejak kebelakangan ini, fesyen ini telah diterima di pasaran global. Pengetahuan tentang fesyen Islam boleh melebar serta mengajar mereka cara yang tepat untuk berpakaian. Selain itu, aplikasi ini bertujuan untuk menyediakan pengguna dengan kemampuan untuk memilih visual mereka mengikut keinginan masing-masing. Mereka mampu mencetak avatar mereka dan menyimpannya ke komputer peribadi. Semasa proses pembangunan, Rapid Application Developments (RAD) digunakan. Metodologi ini sangat membantu kerana berlaku kitaran sebanyak tiga kali yang membuat proses menjadi lebih mudah untuk memberikan produk yang baik. Akhirnya, produk akhir diharapkan berjaya mencapai objektif asal.

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CHAPTER I

INTRODUCTION

1.1 Project Background

Avatar application or most commonly known as dress up application are usually played by children. It was built in the mid-to-late 1990s. Users can drag and drop clothes, handbags, jewelry, shoes, jeans, skirts and others to their virtual dolls. This application represents someone or characters in a virtual world. In the past, this application required papers to make a paper doll avatar. As the technology becomes more enhancing and engaging, this application becomes the latest trends of dressing up virtual dolls online. All folks of life can freely enjoy playing this application for fun and explore the world of fashion. Nowadays, there are many types of avatar in the internet. Developers tend to build avatars for celebrity, fairy tales, makeover games, and many others. Although there are many types of avatars are available on the worldwide web, Muslimah avatar is rarely built.

Today Dress up application has a wide variety of clothing and it is made more fun because of its features. Model, actress, singers and idols are now online and

people could change their image and fashion with just a click or drag on the keyboard. But that's not all; dress up application is more improving every day. Wedding, birthday, summer, autumn, spring, winter, and dating outfits are only some of the types of dress up application. There are a hundreds and more website to choose which are cool and fun. This is also for all ages and gender.

In a LibraryStream blog written by Steve Campion (2009), he stated that, “Avatar comes from a Sanskrit word. In Hindu philosophy, a supreme being normally exists in a form incomprehensible to us. When that being descends to earth, it appears as an avatar so we mortals can better relate. The concept is similar with us and our avatars of the cyberworld.” They are many styles of avatar. These include a simple cartoon-like drawing, photographs, and three dimensional animated figures. Each kind of avatars will represent us in a virtual world or online application. Another name of avatar is “buddy icon” which can be used as avatar itself. As mentioned earlier, avatar will represent us in a virtual world. This means that our friend will recognize us just by looking at our virtual look. Sometimes, it is hard to recognize the real people behind the avatar but, people will slowly begin to know the real person. Even if the avatar is an animal, people will become familiar with it.

The lack of Muslimah avatar has been an inspired of designing this application and come up with the new idea by making it widely known by our local citizen especially for young teenagers. This avatar will come up with the latest trendy muslimah fashion as the majority of our local citizens are muslim. This avatar is going to be building in a standalone application like CD. Users will be able to save their chosen avatar and print it out. It will be built in an interactive ways where users can click on the clothes and the outfit will appears.

1.1.1 Current Scenario

One of the popular avatar applications is Yahoo! Avatar. This application provides users with the ability to change outfits, backgrounds, face expression and accessories for their avatar. Users can also save their admired avatar and print it out. Besides, they are able to use it in a chat room like Yahoo! Messenger to place their real looks. The other avatar applications available are FaceYourManga, Alice in Wonderland, HighSchool Cheerleader and many others. The comparisons of the other types of avatar application will be discussed in chapter 2.

1.1.2 Problem in Current System

Each of the applications has different approach and ways of using it. Even though the same approach is to change outfits, they are several weaknesses occurs in all types of avatar application. These include:

- i.** Lack of Muslimah fashion design in avatar application as it is not famous among other races.
- ii.** Difficult to use due to the unfamiliar functions inside the applications.
- iii.** Some of the application does not provide users with background music.
- iv.** Different usage of language will make it difficult for users from another country to use the application.

1.2 Problem Statement

Avatar has become one of the most popular applications in the worldwide web. People nowadays choose to use this type of application in order to fill their free time. Although this avatar is popular among children, this does not mean that it cannot be played by adults. Usually, the developer will fix their scope to young children but, the development of Muslimah Avatar Application Prototype has widened the scope to teenagers. The existing avatar has lack of Muslimah fashion design. As Muslimah fashion has become one of the latest trend in our country, this application will help people to dress up properly. Most of the applications are based on the fairy tale fashion, Hollywood styles and restricted only for certain occasions.

Most of the avatar applications nowadays are a web based application. Some of the people in Malaysia may have difficulties in accessing internet due to their poorness to have internet access at home or having trouble to go to the nearest cybercafé. So, the development of Muslimah Avatar Application Prototype in a form of standalone CD will give them the ease of using this application. Without internet access, they can also use this application at any time.

1.3 Objective

The project objectives are:

This Muslimah Avatar Application Prototype is developed to fulfill the following objectives:

i. To develop an interactive application for Muslimah

In this application, users will be able to select the clothes provided in the panel. They can easily click on the button and choose different types of outfits, handbags and scarf. After their mission of choosing the outfits are completed, they are able to save their images and at the same time, print it out to use it as a bookmark and others.

Besides, the interface drawn is easy to handle because of the familiarity. The buttons are all arranged in an appropriate way and user will easily recognize which button to be used in order to change outfits, print or exit.

ii. To design Muslimah fashion inside avatar application

As this application is aimed to promote Muslimah fashion, it consists of many trendy Muslimah items such as shawls, jackets, clothes, jeans, skirts, and handbags. All the items are suitable for Muslimah based on the design.

iii. To test user acceptance

As Muslimah fashion is unfamiliar in avatar application, this project is aimed to test user acceptance towards it. It is important in order to get the feedback from them.

1.4.3 Deliverables

This application will be delivered in a form of CD where user can use it in a personal computer or a laptop as it is a standalone application.

1.5 Project Significance

The significance from the development of this Muslimah Avatar Application Prototype is for teenagers who love fashion. They will get more benefit from this application as it can guide them towards a better look of their daily life appearance. Besides, Muslimah fashion can be introduced to the teenagers and educate them on how to wear the right dress at the right place. Therefore, Muslimah fashion will become famous because other religions will also discover and learn about the best outfits for Muslimah.

1.6 Conclusion

Overall, this chapter explained more on the project background, problem statements, objectives, scope and the project significance of Muslimah Avatar Application Prototype. This application will make Muslimah fashion to be well known across the universe due to its domain which built in a worldwide web. As the worldwide web application become famous nowadays, Muslimah Avatar Application Prototype will move forward as the other applications. At the end of this project, the objectives are hoped to be achieved and the development of this application will become a huge success.