

## Investigating the Effectiveness of Applying Mobile Advergaming in Tourism Marketing - An Exploratory Study about Egypt

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**Abstract:** Traditional marketing communication techniques are of diminishing effectiveness and marketers have developed creative applications to attract consumers. The contemporary multiplatform environment, connecting many different devices, became a privileged ambient for advertising and marketing campaigns. In this context, it is also possible to cast a message for a brand, product or service using a ludic language through a gaming format (Silverstone, 2007). Therefore, Mobile Advergaming can be seen as an attractive and new marketing tool that increases product, brand and company awareness. The purpose of this study is to provide an understanding of the qualities and potentials of the Mobile advergaming as an advertising and marketing tool for the tourism industry in Egypt. Firstly, an overview about advergaming is provided, as well as a review of existing literature regarding its effectiveness. The study next examines the mobile Advergaming practices in the tourism industry. The results showed that the games were successful in branding, tourism marketing and city integration in a game.

**Keywords:** Mobile Advergaming, Tourism marketing, Tourist perception, Destination image, Egypt

### 1. INTRODUCTION

The image of tourist destinations is the product of all the experiences of an individual. It may be influenced by a series of information sources. All available instruments and tools should be utilized in the present super competitive environment for the maintaining the image of the destination one of these instruments “Mobile Advergaming”, Mobile advergaming can be faced as an effective tool to change the image of destinations and generate visit intentions (Mráek, 2012).

Since the 1970s and 80s, video games have been increasing their popularity over time as a form of entertainment. Firstly oriented towards a male audience, the video game industry has made big efforts to expand its market and reach more kinds of people, especially women and families. (Domínguez, 2013). New technologies such as social media, mobile technology, and gaming provide technological tools for developing such experiences. Indeed, the travel industry has always been one of the first ones to engage new initiatives. According to the World Travel Market Report gamification and Mobile Advergaming are major trends for the coming years in tourism. (Domínguez, 2013 ; Xu, 2012). Advergaming can be a powerful tool to build brand loyalty and collect crucial data about existing and potential customers. Advergaming are seen as conceptually new and an innovative channel of communication especially to reach well-defined target markets. (C, eltek, 2010)

The current use of gaming by the tourism industry can be divided into two types: **online/offline games** mainly used for brand awareness, to attract potential customers and to build up a destination image, **location based mobile games** mainly used to encourage more engagement on site and to enhance tourists on site experiences with the destination in a more fun and informative way. (Xu, 2012 ; Bughin, 2011). However, these game apps are not always successful. Some fail to engage travelers, as they lack of fun and hardly implement facts about tourist spots. Game developers who have a technical background are often not fully aware of tourists’ needs and motivation to play. Therefore, a user centered approach in game design is critical. A sufficient understanding of tourist players’ motives and gaming experiences will be helpful in designing these games. (Xu, 2012) This study is intended to investigate the use of mobile advergaming to improve destination image.

## **2. LITERATURE REVIEW**

### **2.1. Tourist Destination Image Formation**

Destination image has been one of the key areas of tourism research for more than four decades (Svetlana & Juline, 2010). Image is defined as “The people feelings of anything that they aware” (Boulding, 1956). Destination image is defined as “An expression of knowledge, impressions, prejudices, imaginations and emotional thoughts an individual has of a specific place” (Lawson & Bovy, 1977). Destination image also defined as “the overall perception of the destination that is formed by processing information from various sources over time” (Assael, 1984). Or “Ideas or perceptions held individually or collectively about a destination by people” (Embacher & Buttle, 1989). Another definition “Is an interactive system of thoughts, opinions, feelings, visualizations, and intentions toward a destination” (Tasci et al., 2007).

Destination image made up of two components of image, the components were organic images and induced images. Organic images formed by individuals themselves through past experiences with destinations and unbiased sources of information (news, reports, newspaper articles and movies). Induced images created through information received from external sources, including destination **advertising and promotion** (Gunn, 1972).

### **2.2. Advergaming**

Many companies have begun to use the internet as part of their marketing mix; the newest and ‘hottest’ mass media marketing strategy is advergaming, the emergent international industry of online games created solely to promote brands (Kretchmer, 2003). The term ‘advergame’ refers to games created by companies to promote their products or brand by combining ‘advertisement’, ‘computer games’ and ‘mobile phones’. So, Advergaming is the use of interactive gaming technology to deliver embedded advertising messages to consumers. Advergaming have been defined also as online games that incorporate marketing content (Guraşu, 2008 ; Gurău, 2002), Or is the use of interactive gaming technology to deliver embedded advertising messages to consumers. Advergaming incorporates branding directly into the gaming environment. (Winkler, 2006 ; Ayada, 2012 ; Marius, 2013).

Advergaming (advertising game) is a game established on the attributes of the brand. The game should aim at the target, which the brand manager wants to hand-over to the public. The brand is then becoming the hero of the game; however, the customer should entertain himself/herself at the same time. After the finishing of the game, the player should learn something about the brand/product (Pavel, 2013; Mucha, 2013 ; Wynn-Brown, 2007).

The use of games offers a variety of benefits for tourism marketing, can increase brand awareness and attract potential customers. Game design can be based on real environments, for example, tourist attractions. Therefore, it provides potential visitors an informing and entertaining setting. Games are usually presented with a virtual reality or Augmented Reality 3D technology providing an immersive and engaging experience with the virtual and real destination. Gaming provides a good opportunity to create and play in online communities as a sense of community-playing is often identified in gameplay (Xu, 2012 ; Baggio, 2014). The interest in advergaming has substantially increased in the last 5 years, because of their perceived advantages which are: (Guraşu, 2008) **low-cost marketing** in comparison with the traditional advertising channels, such as TV and radio. **A captured audience** that can transmit valuable personal information about their demographic profile, behavior, needs, attitudes and preferences. **Customer retention** the average time spent in an advergame is 7 to 30 minutes, which cannot be achieved in the case of a classical TV advertisement; and **viral marketing** 81% of the players will email their friends to try a good game. The goals of advergaming are to achieve higher levels of engagement, change behaviors and stimulate innovation. (Groot, 2012).

### **2.3. Types of Advergaming**

Chen and Ringel (2001) provided a typology based on brand integration and immersion in the game, according to which three types of advergaming exist: (Theodorou, 2010 ; Gurau, 2008 ; Buckner, 2010)

**Associative** – Associative advergaming “support brand awareness through lifestyle association”. Games such as these are frequently found and essentially mean putting your product or logo into a game that a consumer would play as a background or subtle ad within the game

**Demonstrative** – Demonstrative advergimes are very useful in allowing a consumer to try out a product on the Internet prior to purchasing; hopefully this type of advergime will be one of the final steps leading to a customer buying a product. One example they give in their article is Nike basketball shoe, which in the game is chosen by the consumer in the beginning of the advergime. Then throughout the game the consumer will be able to see the difference performance features of the shoe. (Svahn, 2005).

**Illustrative** –The function of the product directly in the game in such a way that the player directly cooperates with the product in some way. Illustrative advergimes are a form of sponsored promotion where the advertising messages, products or services are integrated in the games and feature during the game play. Most of the time the products are central to the game play for clear reinforcement of the brand message.

Some researcher divided advergimes as follow (advergaming, 2007 ; G. De Prato, 2010).

**ATL (above the line) advergimes:** In this form of advergimes a company provides interactive games on its website in the hope that potential customers will be drawn to the game and spends more time on the website, or simply become more products aware. The games may or may not be related to the product.

**BTL (Below the line) advergimes:** this form of advergimes is closer to the traditional, commercial video game developed and sold to be played on computers or game consoles, but the primary difference is that the games are developed with a specific purpose in mind. For example, United States uses advergimes in order to give information about army for motivating people for joining the US army.

**TTL (Through the line) advergimes:** this form of advergimes is a bit rare, it involves the use of URL hyperlinks within the game designed to induce the player to visit a webpage.

Other researchers agree on the classification of advergimes as follow (Tuten, 2008 ; Graaf, 2007 ; Okur, 2011).

**The Revenue-Generating Advergime:** The aim of some advergimes is just to make consumer play long hours of the game and make them spend hours on the website. Company makes an advergime to make costumers to pay more time on website more then they usually do. That way website becomes more crowded in terms of visitors. Company's objective is making players more aware of their product or make them more familiar with the logo or slogan.

**The Attention-Gathering Advergime:** This time company's intention is to make consumer more curious about advergime's subject. Beside the concern of revenue company wants player to get some information about the product which needs an explanation. During the advergime consumer learns about the subject and encouraged to investigate more. There is usually a message to give in this type of advergaming. Subjects can be very different. A very important example can be given as subject like environmental issues, global warming or unhealthy foods. Although this types aim is to give information, it does not have to be about serious topics, advergime can be just commercial which gives information about the product .

**The Stealth Advergime:** When you play an advergime, imagine that you are driving a Formula One car, which has a lot of stickers on it. Those stickers can be advertisements of the tire, motor, F1 sponsor's logo, or some fuel. Those advertisements hidden in the game.

## **2.4. Mobile Advergimes**

Since mobile phones are becoming more and more popular, and are mostly equipped with the latest technologies, then brand-owner will have a new TV-like audience who would like to pass some of his time behind his mobile phone. Actually cell phones have one big advantage over all other tech gadgets, which is that we carry them wherever we go! So approaching users through their small screens will prove to be efficient. (Advergaming, 2014)

Mobile advertising is no different than traditional advertising in regards to the need for brand awareness and loyalty in addition to product and service sales. One method is to use branded 'advergimes' to get your message across and to help consumers associate your brand with something

unique and fun. Companies are developing solutions that meld mobile entertainment and games with any client’s brand. Since they are usually provided free-of-charge, advergaming can be a great way to reach out to your potential audience while giving them something that’s fun to use, free, and worth their time. Every time they open and play the game, they are re-introduced to the brand, so the more unique the game, the more brand awareness received (C, eltek, 2010) Mobile Advergaming consists of one of the less intrusive varieties of advertising so that the user doesn’t feel annoyed about receiving advertising messages. In fact, advergaming gains a positive attitude from the target audience (Justin, 2008), as this one is voluntarily exposed to advertising, contributing to a higher fidelity level among the customers and the brand. (Picurelli, 2013) On the other hand, mobile games designed for advergaming make the users remember better the brand involved in the promotion process. Consequently, the companies are able to achieve their goals in a more effective way than their messages are remembered by the users and affect them. Moreover, this memorization may increase virility of the content so that the users will tend to recommend them to their friends and acquaintances, and share them via social networks. (Graaf, 2007) The attention that the users of mobile devices use to pay to the games they enjoy on their terminals (Picurelli, 2013), is an important base at the time of taking advantage of the benefits that advergaming provides to the companies. (Mucha, 2013).

Worldwide mobile advertising spending

|                                       | <i>Worldwide mobile advertising spending, by objective, 2006–2011 (millions)</i> |            |            |            |             |             |
|---------------------------------------|--|------------|------------|------------|-------------|-------------|
|                                       | 2006   | 2007       | 2008       | 2009       | 2010        | 2011        |
| Mobile brand ad spending*             | \$ 123.8   | \$ 277.3   | \$ 644.4   | \$ 1,120.5 | \$ 2,175.3  | \$ 3,569.2  |
| Mobile direct response ad spending ** | \$ 1,424.0   | \$ 2,495.8 | \$ 4,312.9 | \$ 6,349.8 | \$ 9,273.6  | \$ 12,654.3 |
| Total mobile ad spending              | \$ 1,547.8   | \$ 2,773.1 | \$ 4,957.3 | \$ 7,470.3 | \$ 11,448.9 | \$ 16,223.5 |

**Figure (1)**

Source: <http://searchenginewatch.com/>

**2.5. Advantages of Mobile Advergame**

**Non-annoying advertising** introduced within the content which customers are enjoying. It allows us to understand the preferences of the clients, which may at the same time, create a greater implication with the message and identification with the brand name. Advergaming is a form of **viral marketing** in which “word of mouse” rewards customers when they help with some of the heavy lifting that comes with releasing a new product or promoting an existing brand (C, eltek, 2010) **Databases** created from the advergame can be used for demographics research. **Targeted markets** can be reached by your advertising (when the game link is emailed). **Visitors** may spend more time on your site. (Ayada, 2013). **Easy and smart** social share integration in our games will increase the reach for your brand. **Undivided Attention** Mobile games are being played during lunch breaks, waiting on the bus, everywhere and any time someone feels like it. Gamers concentrate on a game and give it their undivided attention which is in turn undivided, uninterrupted attention for your brand or idea. **Bring your fans to the right place** having a game on your website additionally to having it available on mobile, is not only fun but it potentially drives much more traffic and potential fans and clients to a place where you want them to be. Be it ultimately to educate or to offer them specific products to buy or download. (advergame, 2013).

**2.6. Weaknesses of Mobile Advergame (Perez, 2009)**

The popularity of advergaming and games in general will see more companies and advertisers using this form in the coming years, which could potentially lead to over **saturation**. Advergaming still needs to be fun and well designed, many advergaming games focus too much on the **advertisement rather than the game**. Hiring a videogame developer or advergaming agency is almost a necessity to tackle this issue. Availability of game development skill-set and **lack of financial resources** for the game companies and advertiser companies. Advergaming could be **expensive** for playing because games need purchases and expensive technology devices. Most of the games had not **Multilanguage** application. (C, eltek, 2010). There are less **mobile advergame examples and applications** in tourism

industry and existing examples are not city, destination and country targeted advergaming. And most of the tourism advergaming are targeted the **young customers**.

### **2.7. The AIDA Model in Mobile Advergaming Context**

The AIDA Model (Strong, 1925) is in fact an acronym for attention, interest, desire and action and describes a cognitive journey of a consumer that travels through four main stages. This model can be approached as a tool to encourage action by stimulating the purchase of a certain product or service. It is a good way for advertisers to create efficient promotional campaigns. (D.Pop, 2013; Ghirvu, 2013)

**Attract the attention:** The advertiser has to promote the product in such way so the customer becomes aware of the existence of that particular service. Mobile Advergaming are a type of persuasive videogames, help in attracting and retain the players' attention and make them become aware of a specific brand, in a way that traditional media is unable to do. The use of Mobile advergaming can be approach for attract the public's attention over a new product. Measuring the impact of this can indicate the grade of acceptance from consumers of new products or services before they are actually available on the market.

**Raise interest:** Consumer interest appears when he actively expresses it in connection to a product or service that he knows about. Mobile Advergaming can produce interest by including special advertising insertions that allow the players to interact with the brand and learn about special features and characteristics of a product. In a Mobile advergaming, the message is blend within the game action, so the player understands the use and the particular elements of the advertised product by simply following the game rules or interacting with the product during a game session.

**Create desire:** Desire is considered the actual aspiration to a particular product, service or brand. Marketers can take use of Mobile advergaming for inducing desire for a certain product. To do this efficiently, they have to carefully choose those characteristics that are the most relevant for the product and could be adapted for the video game.

**Lead to action:** Action represents the final step of the buying process. Video games in particular create an environment where the player is in an active state of mind where he could be easily influenced into getting from desire to action. When dealing with Mobile advergaming, marketers can use different ways to motivate a consumer to take action and purchase the product. The most popular methods are the use of promotions, price discounts or vouchers which will invite the consumer to buy. This implies also different benefits for those consumers who played the Mobile advergaming when they will actually buy the product or the service advertised into the game.

### **2.8. Mobile Technology in Egypt**

The mobile market is one of the fastest-growing media segments in Egypt, the use of laptops and smartphones is widespread. In particular, smartphone adoption is rapidly increasing, nearing the levels of PCs and laptops, Egypt has surpassed more than 40 percent of users accessing the Internet every day on a smartphone. The smartphone is increasingly being adopted as a tether to home for travelers on the go for the focus markets, connecting them with friends and family and keeping them constantly in touch while on holiday. To a limited, but growing, extent, the smartphone is also an enabler, serving as an on-the-fly planning and booking device at their destination. Generally speaking, the tablet's place is 'on-resort', with respondents increasingly favoring the device as an entertainment center first and foremost, used most frequently to read books, read travel reviews/guides and play games (Booth, 2014).

Already, consumers are more likely to play games and access social networks on a mobile device. For other media activities, such as accessing news or browsing websites, levels of usage on smartphones are also fast approaching those on laptops or desktop computers. At the same time, marketers should consider integrating mobile into their advertising campaigns to enhance effectiveness, reach, and engagement (Baron-Cohen, 2010). According to study was carried out in 2014; it aims at evaluating the usage of technology in Middle East, the study showed the following.

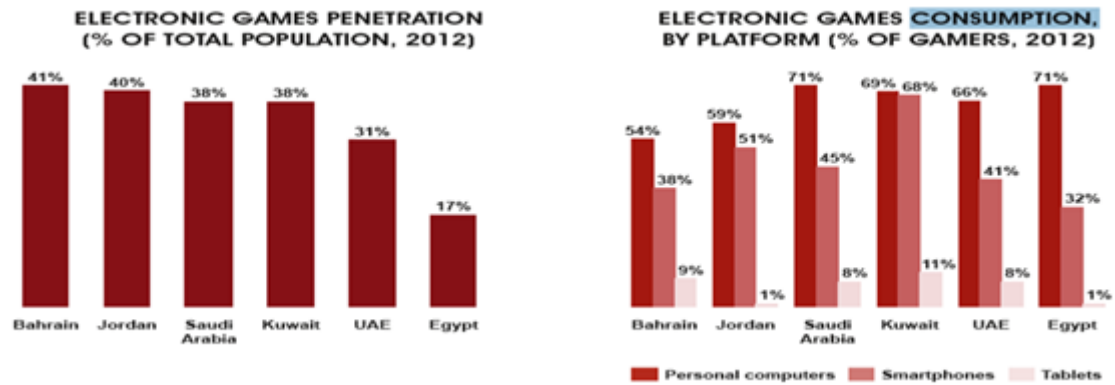


Figure (2)

Source: Strategy & analysis Abu Dhabi media, 2014.

Notes: electronic games perception in Egypt 17% of total population in 2012. Electronic games consumption by platform 71 % of gamers plays electronic games through personal computer, 32% through smart phones, and 1 % through tablets.

### 2.9. Examples of Best Mobile Advergaming

Mobile games are the fastest growing game segment almost doubling its revenue between 2013 and 2015 from \$13 to \$22 billion. These advancements of mobile technologies have motivated game designers to create innovative gameplay for diverse purposes and multiple contexts, such as travel and tourism. This point presents best practices, during and after traveling that pioneered the application of games, to create innovative products and services for the travel and tourism industry (Gaming and Gamification in Tourism, 2014)

### 2.10. Location-Based Augmented Reality Games (Creswell, 2014)

Playing on-site in the tourism destination with a smartphone will be one of the major developments in the next few years. Although already available in some cities such as London, Berlin, Barcelona and Stockholm, advances in mobile technologies enable game experiences out of the tourist's pocket with these little game apps. Location-based games take visitors on individual and interactive walks through the place being visited.



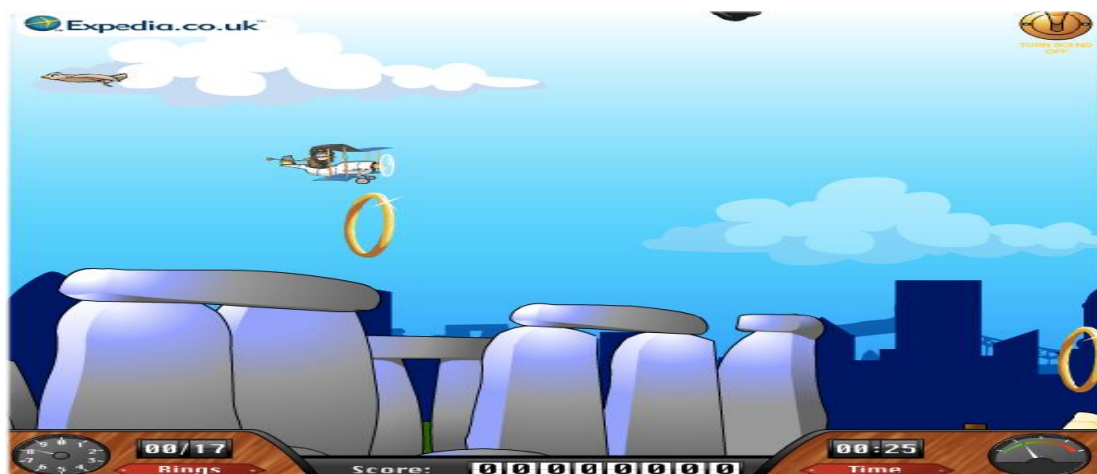
### 2.11. Application of Gamification in the Aviation Industry

Applying game elements in a context other than gaming roots in the travel industry. In the early 1980s, American Airlines introduced its frequently flyer program to increase brand loyalty. Airlines such as KLM or Virgin America brush up their longstanding loyalty program by integrating social networks. KLM launched the Meet & Seat feature for passengers to find out who else is on the flight and connect with them via their Facebook, Google+ or LinkedIn profiles. The value for the passengers in sharing their personal details with other customers is to find interesting people or passengers that attend the same event at the destination.



## 2.12. Gamified Virtual Travel Experience

Games for tourism applications are also available for those who want to experience the world from the secure distance of their couch, or are yet indecisive about where to go and would like to try out different travelling styles and destinations in advance. Expedia.com, the world's largest online travel agency, launched a travel Around the World in 100 Days game in June last year. The game was created to increase the awareness of Expedia's loyalty program and engage with customers. Players can earn real-world Expedia Reward points and redeem them on their travel bookings. Derived from the chosen travel persona from the online game, customers receive personalized travel offers and learn more about interesting destinations around the world (Expedia.com).



## 3. METHODOLOGY

The purpose of this study is to explore the role of creative communication media like Mobile advergAMES on tourists' attitude and their perceptions about destination image. The primary hypothesis of this study therefore posits:

H1: There is a stronger positive relationship between creative communication media like Mobile advergAMES on tourists' perceptions about destination image.

This study used both empirical and logical methods for the finding of our intentions. From the group of the empiric methods this study applied quantitative and qualitative research. The method used in this exploratory study adopted a questionnaire to elicit data from a sample of advergAME players. And a structured interview to identify the reasons of using Mobile advergAMES.

The questionnaire oriented to users of Mobile advergAMES, which aims at characterizing the profiles within a group of users of these kinds of platforms. The questionnaire was constructed using a specialized online tool (<http://www.google.com/forms/about/>). The use of this tool in research is justified because it allows quick access to the questionnaire and facilitates a faster response. It has also the advantage of analyzing the data obtained. This tool is already used by a considerable number of researchers. For example, Barry et al. (2008) used it in their research and several studies where it was also used. Evans et al. (2009) recommend the use of this service. The types of question fields used in the questionnaire included: multiple choice (one or More answers), and comment box (open response). And check list (Yes or no).

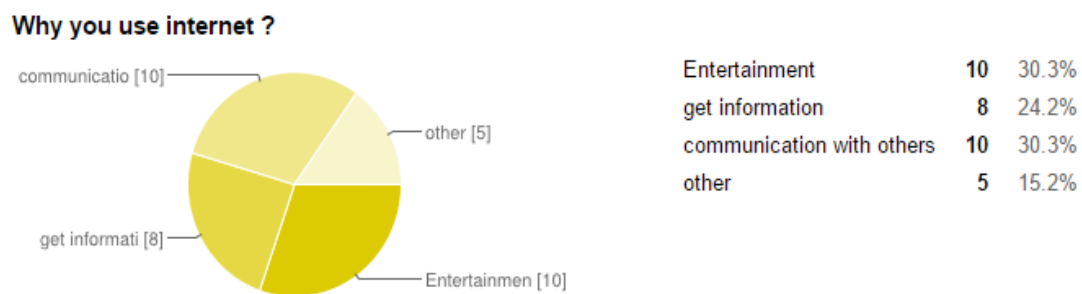
**4. RESULTS**

33 participation in this questionnaire. The information concerning the gender of the participants is provided in the study. 25.8 percent of the participants are female and 24.2 percent are male.

Majority of the participants their ages (45.5%) in the range of 21-30, (18.2%) in 31-40 and 41-50, (6.1%) more than 50.

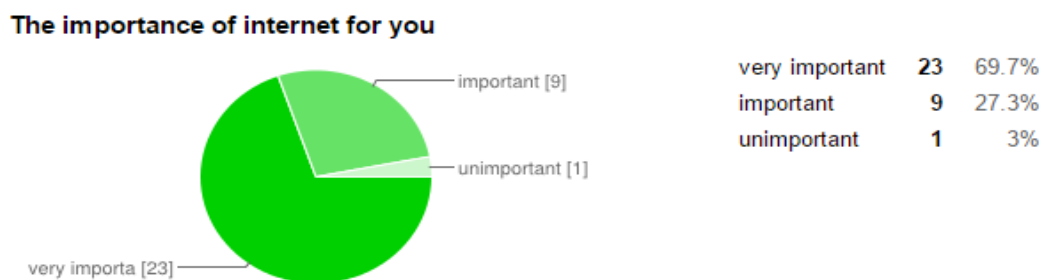
The information concerning the education of the participants is provided in the study 60.6 percent of the participants are university education. The data concerning their own income level of the participants are also indicated in the study 57.6 percent of the participants their income is average and 21.2 percent high income.

The most frequent purposes of using internet by the participants are indicated in the Figure 3. The participants use internet most frequently for the purposes of communicating with the others & Entertainment (30.3%), get information (24.2%), other purposes (15.2%)



**Figure (3)**

The data concerning how the participants identify the importance of internet is provided in the Figure (4), 97 % of the participants responded at the important and very important levels for the place of internet in their lives.



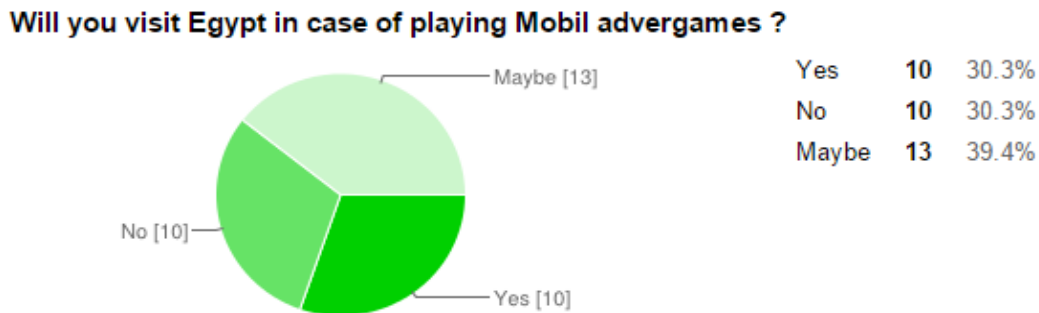
**Figure (4)**

According to the questionnaire, the following results are obtained based on the opinions of the participants:

- A large majority of the participants (90.9%) have information about mobile advergemes.
- About (% 93.9) follow at least one advergame until now.
- About (%75.8) agreed that When the game and the destination brand were thematically related, brand attracts more attention for you.
- Mobile Advergemes mean more destination awareness (%54.5).
- By Mobile advergaming you can be informed about destination’s attractiveness (%54.5).
- Mobile Advergemes can determine my destination choice (%48.5).
- Game quality led to positive attitude toward destination image (%81.8).
- You think that Mobile advergemes is the future of interactive advertising (%72.7).



- According to the Figure (5) Majority of the participants (39.4%) may be visit Egypt in case pf playing mobile advergaming



**Figure (5)**

**4.1. Questionnaire Discussion**

This questionnaire has three outcomes which are of relevance to marketing strategists:-

Firstly, the results suggest that players of mobile advergaming are receptive to the advertising message or at least to the destination that is displayed within the game.

Secondly, in the research, the participantssaid ‘when the game and destination brandwere thematically related, brand attract more attention for me with the proportion of 75, 5%. It can besaid that destination brand-related mobile advergaming might be more successive as a way of creating positive consumerattitudes towards a particular brand.

Finally, the research has suggested thatmobileadvergaming are more effective as a way of developing positive consumerattitudes towards a particular product. According to this, participants think that if the Game quality is good, led to positive attitude toward destination image, Its proportion is 81, 8 %.

On the other hand, it can be seen that participants do not magnify the effects of mobile advergaming. They think that mobile advergaming can determine their brand choice (48.5%) andmobile advergaming mean more brand awareness (54.5%). Theanalysis also reveals that participant think mobile advergaming are not the source of benefits and attractiveness about destinations. But participantssawmobileadvergamingcan be as a future interactive advertising.

These insights may assist marketing strategists in their efforts to determine howmobileadvergaming should be positioned in the context of a marketing campaign.

The outcomes of this study need to be considered within the context of its limitations. First, the number of respondents was relatively small (n=33) and with such a small sample it was seemed inappropriate to undertake statistical testing. Any future studies should recruit a larger and more representative sample so that more robust results and conclusions can be drawn.

**4.2. Interviews Discussion**

Five Structured interviews are conducted with web developer, game designer and developerin IT works & link Solution Company , These interviewshavemany outcomes which are of relevance to marketing strategists:-

First, All interviewees both found that mobile advergaming is a great opportunity for integrated marketing efforts. The facility of engaging users has led many destinations to develop games, which has increased not only the interaction level, but has also helped destinations increase their database.They seemobile advergaming very suitable for bigger brands, such as tourist destinations because it’s usually more expensive. they also see TV ads are expensive and engage the viewer for a limited time but advergaming typically engage players for 5 to 35 minutes and gamers often return to play more.These results are consistent with(Shliapnikov, 2014; C,eltek, 2010;Xu, 2012 ; Baggio, 2014).

Second, Interviewer A (Web developer) recognizes that a company should consider mobile advergaming in their marketing mix "using mobile advergaming in your marketing is something significantly different than your competitors do. In order to attract a lot of customers need to be distinctive and innovative. Games are considered one of the very distinctive ways." He has also added "The success of mobile advergaming is easily measured, because prospect data and contact information is gained from game registration, brands can easily track who is visiting the site, the total accumulated hours of game play, and the number of times a game was referred or e-mailed to a friend - all valuable information to marketers." These results are consistent with (Ayada, 2013).

Interviewer B (Game designer) admits that mobile advergaming is an effective tool in marketing because "Users choose to register to be eligible for prizes, which can help marketers collect customer data. Gamers may also invite their friends to participate, which could assist promotion by word of mouth or 'viral marketing'." These results are consistent with (C, eltek, 2010).

Third, All interviewees find that mobile advergaming is expensive on average, well around 20,000 or 55,000. This result is consistent with (C, eltek, 2010). Most of the companies did not want to design games for their products or brands but put their advertisements during famous games such as pop-up ads or show advertising messages during the game (Banner ads) or advertising appears in gaming sites and gaming pages. Most mobile advergaming focuses on a specific target group generally, 15-30 boys and girls. These results are consistent with the questionnaire and (Perez, 2009).

On the other hand, the researcher sees that interviewees do not magnify the future of mobile advergaming. Interviewer C (Web developer) sees "marketers believed there was a big opportunity in mobile advergaming. They thought it was a great way of direct communication. They believed that if they'd reach the customers by point of sale, they could quite easily influence the buying behavior. But that wasn't as easy as they thought it would be. The higher cost of building mobile games has for a long time discouraged brands. Compared to the means of social communication which are less expensive and the rates of click-through were minuscule and mobile advergaming still needs to be well designed, many mobile advergaming focus too much on the advertisement. This game lacks of the fun and excitement. The result companies feeling cheated and betrayed." The result of these matters they do not think it will be an important tool in the future.

But other interviewees see smart phones are growing very quickly. That means a huge success in the future because it's considered as a gaming platform.

## **5. CONCLUSION**

This paper illustrates that games are a media platform and a very important element from the contemporary culture. Mobile advergaming is also a great opportunity for integrated marketing efforts. The facility of engaging users has led many companies to develop games, which has increased not only the interaction level, but has also helped companies increase their database.

Advergaming also increases awareness and recall. If any consumer gets intrigued by the product, he or she can immediately check the website to get more information about the product and make informed decisions (Lopatina, 2005).

Therefore, tourism institutions just need to create a fun mobile advergaming about different destinations and attractions in Egypt, which can drive customers to purchase or trial, and establish a long-term relationship with them.

## **BIBLIOGRAPHY**

- [1] Adrián Domínguez, J. S.-d.-N.-M.-S. (2013). Gamifying learning experiences: Practical implications and outcomes. *Computers & Education*.
- [2] Ayada, W. M. (2012). Advergaming on Facebook a new approach to improve the Fashion. *International Design Journal*.
- [3] Ayada, W. M. (2013). Advergaming on Facebook a new approach to improve the Fashion. *International Design Journal*.
- [4] Baggio, R. (2014). *Information and Communication Technologies in Tourism*.

- [5] Buckner, T. W. (2010). RECEPTIVENESS OF GAMERS TO EMBEDDED BRAND MESSAGES IN. Journal of Interactive Advertising.
- [6] Bughin, J. (July 2011). The impact of Internet technologies.
- [7] Çeltek, E. (2010). Mobile advergaming in tourism marketing. Journal of Vacation Marketing.
- [8] Çeltek, E. (n.d.). Mobile advergaming in tourism marketing. 2010.
- [9] Creswell, J. W. (2014). Research Design: Qualitative, Quantitative and Mixed Methods Approaches (4 ed.). London: Sage Publications Ltd.
- [10] D.Pop, M. (2013). CONSUMER ATTITUDES TOWARDS ADVERTISING IN.
- [11] Eric Klopfer, S. O. (2012). moving learning games forward.
- [12] G. De Prato, C. F. (2010). ASSESSING THE FUTURE COMPETITIVENESS OF THE EU VIDEO GAMES SOFTWARE INDUSTRY.
- [13] Gaming and Gamification in Tourism. (2014). Retrieved from Gamification in Tourism Best Practice Report.
- [14] GHIRVU, A. I. (2013). THE AIDA MODEL FOR ADVERGAMES.
- [15] Graaf, S. v. (2007). Information Communication Technologies and Emerging Business Strategies.
- [16] Groot, R. d. (2012). IT-BASED RISKS IN ADVERGAME CAMPAIGNS.
- [17] GURAU, C. L. (2008). The Influence of Advergaming on Players. In C. L. GURAU, INTERNET MARKETING.
- [18] Kretchmer, S. B. (2003). The Emergent Advergaming Industry: Developments, Impact, and Direction.
- [19] Lizzy Bleumers, A. A. (2012). State of Play of Digital Games for Empowerment and Inclusion.
- [20] Marius, D. (2013). CONSUMER ATTITUDES TOWARDS ADVERTISING IN.
- [21] Mráček Pavel, M. M. (2013). Application of Knowledge in Advergaming.
- [22] Mucha, M. (2013). Advergaming: Application of Knowledge in the Process of the Competitive.
- [23] Pavel Mráček, M. M. (2012). Advergaming: Application of Knowledge in the Process of the Competitive. Trends economics and management.
- [24] Perez, A. C. (2009). Exploring the possibilities of Videogames as an advertising platform.
- [25] Przybylski. (2010). A motivational model of video game engagement. Review of General Psychology.
- [26] Rigby, R. (2006). The motivational pull of video games: a self-determination theory approach. Motivation and Emotion.
- [27] Shliapnikov, T. M. (2014). The use of advergaming in creating online.
- [28] Staalduinen, J.-P. V. (2012). Gamers on Games and Gaming.
- [29] Theodorou, L. (2010). Advergaming's Content Analysis: Applying a Methodological Toolkit based on Ludology Principles.
- [30] Tina Winkler, K. B. (2006). Receptiveness of Gamers to Embedded Brand Messages in Advergaming. UK.
- [31] Tuten, T. L. (2008). SOCIAL MEDIA MARKETING IN AWEB 2.0 WORLD.
- [32] Wynn-Brown, S. (2007). Product and Promotion: Creating and Communicating Value. In S. Wynn-Brown.
- [33] Xu, F. (2012). Marketing tourism via electronic games.
- [34] Advergaming today. (2006). Retrieved from <http://advergamingtoday.org/2006/03/types-of-advergaming.html>
- [35] Advergame. (2013). Retrieved from 7 reasons you need an advergame: <http://www.rockpocketgames.org/about-advergaming/>
- [36] Advergaming. (2007). Retrieved from [http://morgantrent.blogspot.eg/2007\\_12\\_01\\_archive.html](http://morgantrent.blogspot.eg/2007_12_01_archive.html)
- [37] Advergaming. (2014). Retrieved from <http://www.zgroup-mobile.org/advergaming.html>
- [38] Advertising in video games. (2008). Retrieved from [http://en.wikipedia.org/wiki/Advertising\\_in\\_video\\_games](http://en.wikipedia.org/wiki/Advertising_in_video_games)
- [39] Booth, S. (2014). Technology Drives Travel Spontaneity in Egypt, Saudi Arabia and the UAE. Retrieved from <http://research.mena.yougov.org/en/news/2014/09/24/technology-drives-travel-spontaneity-egypt-saudi-a/>
- [40] Baron-Cohen, S. (2010). HOW IS THE INTERNET CHANGING THE WAY YOU THINK? Retrieved from <https://edge.org/responses/how-is-the-internet-changing-the-way-you-think>
- [41] Justin. (2008). Branded Mobile Adver Gaming on the Rise? Retrieved from <http://www.mobilemarketingwatch.org/branded-mobile-advergaming-on-the-rise-943/>

- [42] Okur, G. (2011). advergamingg. Retrieved from <https://advergamingg.wordpress.com/advergaming-2/types-of-advergaming/>
- [43] Picurelli, L. (2013). Advergaming: the most addictive mobile marketing strategy. Retrieved from <http://en.Yee ply.eg/blog/advergaming-the-most-addictive-mobile-marketing-strategy/>

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