A Novel Securing Images Using Intellectual Property Rights E-Recordation System

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ABSTRACT: The main aim of this is to provide copyright protection to images over the web. Generally, our website is probably the product of hundreds or thousands of hours of work and an investment of thousands of dollars. Any or all of our original content could easily be copied and displayed to overcome this type of problem, copyright protection is needed.

1. INTRODUCTION
1.1 Scope: We mainly concentrate on transmission of images safely through watermarking. Where the authorized user only can obtain the images without distortion. On the request of user we take the image and watermark image. We send it to the user where watermark can be retrieved and image can be viewed.

1.2 Purpose: Main purpose of this is to provide copyright protection to images over the web. Generally our website is probably the product of hundreds or thousands of hours of work and an investment of thousands of dollars. All of our original content could easily be copied and displayed to overcome this type of problem, copyright protection is needed.

1.3 Existing System & Disadvantages: The rapid evolution of the Internet technology makes the transmission of digital multimedia contents easier now a days than before. Copyrighted digital media such as images, music, etc., can be copied or distributed quickly and easily on the Internet. Media content owners are very concerned about the potential loss of revenue resulting from digital media piracy. Therefore, digital watermarking techniques have been proposed for copyright protection or ownership identification of digital media.

Watermark is a message which is embedded into digital content (audio, video, images or text) that can be detected or extracted later. Such messages mostly carry copyright information of the content. Watermarking has been revealed to be an efficient technique to cope with the problem of intellectual property rights (IPR) protection of multimedia data. This technology embeds into the data an unperceivable digital code, namely the watermark, carrying information about the copyright status of the work to be protected. There are two types of
watermarking based on visibility. Those are visible watermarking and non-visible watermarking.

Both visible and invisible watermarking involves "stamping" your image in such a way that it can be identified as your image. Using a combination of the two is a very good way to make sure everyone realizes that you own the rights to your images.

To our best Knowledge, up to now there is no research that addresses the issue of web application watermarking in this paper we propose a new watermarking scheme for web applications.

1.4 Proposed System & Advantages: We mainly concentrate on transmission of images safely through watermarking. Where the authorized user only can obtain the images without distortion. On the request of user we take the image and watermark image. We send it to the user where watermark can be checked and image can be viewed.

2. OVERVIEW OF THE SYSTEM: Digital Watermarks are potentially useful in many applications, including:

Modules:

1. Admin Module
2. Users Module
3. Image Water Marking Module
4. Security Authentication
5. Reports

2.1. Admin Module:
1. View registered users.
2. Delete registered users.
3. View Requested users.
4. Update status (or) Accept Requested users
5. View Inbox mails
7. View Outbox mails
8. View outboxes water mark images.

2.2. Users Modules:
1. Delete, read and download water mark images with private key.
2. Image Water marking with text.
3. Image water marking with another image.
5. Chatting Assistance with reaming users.

2.3. Image Watermarking:
Rich user interface developed in order to select the image and select the watermarking settings based on the application. It also helps to view the extracted watermark from those electronic commerce applications.

2.4. Security Authentication:
1. Registration
2. Login
3. View profile
4. Update Profiles
5. Change passwords
6. Logout

2.5. Reports:
In this Module the User and Administrator can generate the different types of Reports according to their access.
3. SYSTEM DESIGN:

3.1 Methodology Diagram

3.2 Admin Activity Diagram

3.3 User Activity Diagram

4. OUTPUT SCREEN SHOTS:

4.1 Home Page

4.2 User Home Page

4.3 Image Watermarking Page

4.4 File Decryption Page
5. CONCLUSION AND FUTURE ENHANCEMENTS:

The “A Novel Securing Images Using Intellectual Property Rights E-Recordationsystem’’ was successfully designed and is tested for accuracy and quality.

During this project we have accomplished all the objectives and this project meets the needs of the organization. The developed will be used in searching, retrieving and generating information for the concerned requests.

6. REFERENCES:


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