Digital_Mahder: A Web-Based File Storage and Management Solution

Introduction

Digital_Mahder is a web-based file storage and management software platform that enables users to create, store, manage and share their files. It also allows users to generate QR codes for each file with ease. It is a powerful tool that can help individuals, organizations and businesses to organize and manage their files more effectively.

Problem

In today's digital world, organizations and businesses are generating more and more documents or files. These files can include contracts, invoices, receipts, images, and other important files. It can be difficult to keep track of all of these files, and it can be even more difficult to find the ones they need when they need them.

Solution

Digital_Mahder solves this problem by providing a central repository for all of their files. Users can easily scan their hard copy documents and upload them to Digital_Mahder, where they can manage and organize them efficiently.They can access their files from anywhere, at any time. Digital_Mahder also makes it easy to search for their files, and they can even generate QR codes for each file so that they can share them easily.

Features

Digital_Mahder offers a wide range of features that make it a powerful file storage and management solution:

- **Cloud-Based Storage:** Users files are stored securely in the cloud, so they can access them from anywhere.

- **Easy File Sharing:** The users can easily share their files with others by generating QR codes or sending them via email or by creating a shareable link.

- **Powerful Search Capabilities:** Users can easily search for their files by file name, date, file id or content. Our search engine features autocomplete and auto suggest capabilities.

- **Robust Security:** Digital_Mahder prioritizes the security of your documents, implementing multiple layers of protection. Users files are stored securely in the cloud, and they are protected by industry-standard security measures.

- **QR Code Generation:** Users can generate QR codes for each file, which can be used to quickly and easily access the file.

- **File Tree View:** Documents or files will be categorized, making it easier to view them in organized categories. Creating file categories will help users arrange and access their files more efficiently. Categorizing files makes files easier to access.

- **e-Signature:** Digital_Mahder includes a fully integrated eSignature module, allowing users to securely sign documents directly within the platform — no third-party tools required.

    What can you do with eSignature?

    - ☐ Sign documents securely inside the platform
    - ☐ Update and manage your signatures in real time
    - ☐ Apply document-specific signatures for authenticity
    - ☐ Enjoy a smooth and intuitive signing experience

    With eSignature, you can sign documents for approval and send them directly to the respective bodies. Document approvals are now digital, verifiable, and efficient — boosting both security and trust.

- **Labeling:** Documents or files can be labeled as important or not important depending on the file importance. Labeling documents by importance is a core principle of file organization. Here's why it's useful:

    ❖ **Easy Retrieval:** By marking important files, users can quickly find them when needed. This saves time and frustration, especially when dealing with large volumes of documents.

❖ **Improves Efficiency:** Users won't waste time sifting through unimportant files.

❖ **Prioritization:** It allows users to prioritize tasks and focus on the most critical documents first.

❖ **Better Space Management:** With designated labels for unimportant files, users can determine what can be archived, deleted, or stored differently to free up space for truly essential documents.

- **Pinning and Unpinning:** Pinning and Unpinning is a feature that helps you organize and prioritize your documents.

  Pinning: Keeps important documents at the top of your list, making them easier to find and access quickly.

  Unpinning: works the opposite way. If a document was previously pinned, you can unpin it to return it to its original place in the list. This is useful when you no longer need such quick access to a document but still want to keep it within Digital_Mahder.

- **Two-Factor Authentication (2FA):** Digital_Mahder has implemented Two-Factor Authentication (2FA) as an enhanced security feature. 2FA is an improved security measure that requires two forms of identification: your password and a generated security code. When 2FA is enabled, users will receive a one-time password (OTP) via email that you must enter along with your password to log in.

  Here's how it works:

  1. To configure 2FA, you will enter your email in the input field on the 2FA settings page and submit it.

  2. A one-time password (OTP) will be generated and sent to your email.

  3. You must then enter the OTP in the input field on the 2FA verification page for validation.

  4. If the OTP is valid, 2FA will be successfully configured. If it is invalid, an error message will appear, and if the OTP has expired, you will need to request a new one.

Once 2FA is configured, each time you log in, you will be redirected to a page for OTP verification. The OTP must be entered within 10 minutes; otherwise, it will expire, and you will need to request a new one to complete the login process.

- **Time zone:** Digital_Mahder added a time zone modification feature to the settings page. This allows users to adjust or change their preferred time zone. As part of this update, we set the default time zone to GMT (Greenwich Mean Time) as a neutral starting point for users worldwide and developed a function to generate and retrieve a list of time zones available worldwide. This ensures that all activities, including document uploading will be in accordance with the user's preferred time zone.

- **And much more**

How does the password encryption function work?

Our password encryption function utilizes the Blowfish algorithm with a strong hashing format to enhance the security of user passwords. Here's an overview of the process:

1. One-way Hashing Function: This is a mathematical process that transforms your password into a unique string of characters. This string cannot be reversed back into your original password.

2. Blowfish Hashing: The function employs the Blowfish hashing algorithm, a widely recognized and robust cryptographic method.

3. Salt Generation: A unique and random salt is generated using a combination of SHA1 hashing, unique IDs and base64 encoding. The salt adds an additional layer of security by ensuring that identical passwords yield different hash values and making them much harder to crack.

4. Hashing Process: The Blowfish hashing format, along with the generated salt, is combined and used to cryptographically hash the user's password. The resulting hash is a secure representation of the password.

5. Algorithm Strength: The Blowfish algorithm is a fast and efficient encryption algorithm that uses a fixed number of rounds to achieve a high level of security, making your password computationally intensive and extremely difficult to crack through brute force attacks.

Rest assured, the user's encrypted password is significantly longer (60 characters long) than what they originally entered. This complex string of characters cannot be decoded back into the actual password, no matter how sophisticated the attempt.

By employing these techniques, we aim to provide robust password security for our users, reducing the risk of unauthorized access to their accounts

Benefits

Digital_Mahder offers a number of benefits for organizations and businesses, including:

- **Increased Productivity:** Digital_Mahder can help users to save time and improve their productivity by making it easy to find and access their files.

- **Improved Organization:** Digital_Mahder can help the users to keep their files organized and easy to find.

- **Increased Security:** Their files are stored securely in the cloud, so they can be confident that they are safe.

- **Cost-Effective Solution:** Reduce costs associated with physical document storage and management. Eliminate the need for physical storage space and reduce costs associated with paper and printing.

- **Enhanced Collaboration:** Users can easily share files with others, which can improve collaboration and productivity. The platform is designed for easy navigation, allowing users to quickly find and manage documents.

- **User-Friendly Interface:** Digital_Mahder offers an intuitive and user-friendly interface, making it accessible to users of all technical levels.

- **Improved Accessibility:** Access your documents anytime, anywhere with Digital_Mahder's cloud-based platform. Offline Access: Download documents for offline access, ensuring you can work even without an internet connection.

Conclusion

Digital_Mahder is a powerful web-based file storage and management solution that can help organizations and businesses to organize and manage their files more effectively.

Call to action

If you are looking for a powerful and affordable file storage and management solution, then Digital_Mahder is the right choice for you.

Sign up for a free trial today and see how Digital_Mahder can help you to organize and manage your files including scanned documents more effectively.

Digital_Mahder: Go paperless!: https://digitalmahder.com

QR codes for everything: https://qrcode.askwala.com

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