**Organizational Chat**

**Seamless Collaboration, Unlimited Potential**

**Overview**

The "Organization Chat" project introduces a groundbreaking platform designed to transform workplace communication and collaboration. Targeted at enhancing connectivity and efficiency within organizations, this platform boasts a 98% accurate spam classifier to maintain a distraction-free environment and an 84% accurate integrated translator to bridge language barriers among multilingual teams. The platform supports real-time messaging, comprehensive content management, and centralized administrative control, ensuring seamless communication and effective information dissemination.

Administrators benefit from a dedicated command center for efficient workspace management, user request handling, and content moderation. The commitment to continuous improvement, driven by user feedback and technological advancements, ensures the platform's relevance and adaptability to evolving communication needs.

"Organization Chat" not only meets current workplace communication demands but also anticipates future challenges, providing a robust, user-centric solution that fosters collaboration, enhances productivity, and supports organizational coherence. This platform is poised to become an indispensable tool for organizations seeking to optimize their communication processes and drive success in a competitive landscape

**Key Features**

* **Real-Time Messaging:** Engage in instant messaging to keep everyone in the loop with real-time updates and discussions.
* **Spam Classifier:** Maintain a distraction-free environment with a machine learning-based spam classifier that boasts a 98% accuracy rate.
* **Integrated Translator:** Bridge language barriers effortlessly with an integrated translator offering 84% accuracy, enabling effective communication among multilingual teams.
* **Comprehensive Content Management:** Administrators can post project updates and achievements, ensuring controlled and clear information flow.
* **User-Centric Design:** Committed to continuous improvement through user feedback and technological advancements, the platform adapts to evolving communication needs.

**Usage**

1. **Register an Account:** Users can sign up by providing their necessary details.
2. **Admin Approval:** After registration, admin approval is required for access.
3. **Real-Time Communication:** Start chatting with team members in real-time.
4. **Content Management:** Admins can post updates, which users can view.
5. **Spam Filtering:** Machine learning model which helps in spam detection when input is feed further ensures a clean chat environment.
6. **Translation:** When input is given integrated translator it translates to desired language which ensures to communicate across different languages.

**How to Setup and run the project**

To set up and run your "Organizational Chat" project using XAMPP, follow these steps:

**Prerequisites**

**XAMPP:** Make sure XAMPP is installed on your machine. You can download it from the official XAMPP website.

**Git:** To clone the repository (optional but recommended).

**Composer:** To manage PHP dependencies. Download it from the Composer website.

**Step-by-Step Setup Guide**

1. **Start XAMPP Services**
   * Open the XAMPP Control Panel.
   * Start the **Apache** and **MySQL** services.
2. **Clone the Repository(optional)**

If you haven't already, clone the Organizational Chat repository from GitHub to your local machine. Open your terminal or command prompt and run:

git clone https://github.com/your-username/ [Organizational-chat-](https://github.com/Vivektheprogrammer/Organizational-chat-).git

**Replace your-username with your GitHub username.**

**Navigate into the project directory:**

cd organizational-chat-

1. **Move the Project to XAMPP's htdocs Folder**

Copy or move the cloned organizational-chat folder to the htdocs directory inside your XAMPP installation. Typically, it will be located at:

C:\xampp\htdocs\

**So your project path should be:**

C:\xampp\htdocs\organizational-chat-\

1. **Create a Database**

* Open your web browser and go to phpMyAdmin.
* Click on the **Databases** tab.
* Create a new database. Name it like “ltcp”.
* Create a new database. Name it like “chatapp”.

**Step-by-Step Guide to Download and Install Composer**

#### 1. **Download the Composer Installer**

* Open your web browser and go to the official Composer website.
* Scroll down to the **"Composer-Setup.exe"** section (for Windows) and click the link to download the installer directly:

Download Composer-Setup.exe

#### **2. Run the Composer Installer**

* Once the Composer-Setup.exe file is downloaded, double-click it to run the installer.

**Php mailer is required send mails**

**Step-by-Step Guide to Install PHPMailer**

**1. Install PHPMailer via Composer**

The easiest and most common way to install PHPMailer is through Composer. If you haven't installed Composer yet, you can download it from the Composer website.

* Open your terminal or command prompt in the root directory of your project (C:\xampp\htdocs\organizational-chat\), and run the following command:

composer require phpmailer/phpmailer