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| **TakeHomeCase Case** | Description: LogoBINUS-University |
| *Web Design and Programming* |
| **Periode Berlaku** Semester Genap 2022/2023  ***Valid on*** *Even Year 2022/2023* | **Software Laboratory Center**  **Assistant Recruitment 23-2** |

## Materi

*Material*

* Material A
* Material B

## Soal

*Case*

**MisVord**

It all started with an idea. Kolin loves to talk to *'yap'* and realized the world needs a better, more chill place to do just that. After a flash of inspiration, the concept for **MisVord** was born. We're not just building another chat app, we're creating a go-to hangout for friends. We need a developer who can connect with this vision and build the MisVord website with passion and skill. Let's make something amazing together using **PHP**, **JS**, **CSS**, **HTML**, **AJAX**, **Web Socket** and **XAMPP.**

* **General Requirements**
* Always store API Keys and credentials in secure environment variables, not hardcoded in your code
* Don’t use inline CSS
* Pooling system is not allowed, use WebSocket for Realtime chat
* **General Components**
* **Server Side Section**
  + Display all the servers joined by the current user
  + Display ‘+’ button to add new server
  + Display Discover button to redirect to the **Explore Page**
* **Profile Detail Information Modal**
* Must be in modal state
* Display profile picture, username, joined to discord date
* **Landing Page**
* **Hero Section**
  + **Scramble Text**

Visual text animation effect where the characters appear randomly or "scrambled" before settling into their final, unscrambled form. Creating the illusion that the text is being decoded, decrypted, or reconstructed from digital noise.



* + **Scramble Text**
* **Authentication Page**
* **Login Section**
  + Email and password fields are required.
  + Email address must be unique to each account.
  + Implement a custom-built CAPTCHA.
  + The user must solve the CAPTCHA correctly to proceed.
  + Implements login via google authentication
* **Register Section**
  + Email and password fields are required.
  + Email address must be unique to each account.
  + Implement your own custom-built CAPTCHA system.
  + The user must solve the CAPTCHA correctly to proceed.
  + Implements register via google authentication
* **Forgotten Account Section**
* **Home Page**
* **Friend Section** 
  + Display 3 tabs (Online, All, Add Friend)
  + **Online Tab**

Display the current **online users** with its **current activity status**

* + **All Tab**

Display all users with their current activity status, for offline users display “offline” as their status

* + **Add Friend Tab**

Display a **form input** asking for a **MisVord username,** this action will store a request to targeted user as a friend request

* **Nitro Section**
  + Contains a welcome section that will include the **Subscribe** and **Gift Nitro** button
* **Direct Message Section** 
  + Display a chronologically sorted list of the current user's past conversations, with each entry redirecting to their respective **Direct Message Page**.
* **Direct Message Page**
* Display the target user chat profile such as **username**, **display name**, **pronouns**, **about me**, **member since, profile picture**
* If the user is not friends with the current user in chat, provide an **add friend** button, **block** button, and a **report spam** button
* Display the **mutual servers** and **mutual friends**
* Provide **invite to server** that **shows all the servers** that the target user chat **has not yet joined**
* Implements all the requirements in the **General Chat Feature**
* **General Chat Feature**
* User can send messages in **Realtime**
* Users can **reply to the message**
* Users that **sent the message** can **edit the message** and **delete the message**
* Users can **react** to the message with an **emoji**
* Users can send **GIF, Image, Video,** and **Files**
* Provide rich text, the **@** format will link to the respective tagged user’s page, and the **```{message}```** will give formatting to the text
* **Server Page**
* **Hero Section**
  + **Scramble Text**
* **Server Setting Page**
* **Hero Section**
  + **Scramble Text**
* **User Setting Page**
* **Hero Section**
  + **Scramble Text**
* **Explore Page**
* **Hero Section**
  + **Scramble Text**
* **Admin Page**
* **Hero Section**
  + **Scramble Text**
* **Explore Page**
* **Hero Section**
  + **Scramble Text**
* **Landing Page**
* **Hero Section**
  + **Scramble Text**
* **Easter Egg**
* **Hero Section**
  + **Scramble Text**

Please run the EXE file to see the sample program.

## Komponen Penilaian

*Scoring Component*

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| --- | --- | --- |
| No | Component | Weight |
| 1 | Component A | 50 |
| 2 | Component B | 50 |