



-



[■■■■■] (#■■■■■)

[■■■■■] (#■■■■■)

[■■■■] (#■■■■)

[■■■■■] (#■■■■■)

[Sitemap ■■] (#sitemap-■■)

[■■■■] (#■■■■)

[■■■■■] (#■■■■■)

[■■■■■] (#■■■■■)

[■■■■■] (#■■■■■)

[Twitter ■■] (#twitter-■■)

[Google ■■] (#google-■■)

[■■■■■■■■] (#■■■■■■■■)

[■■■■■] (#■■■■■)

[■■■■■] (#■■■■■)

[AI ■■] (#ai-■■)

[■■■■■] (#■■■■■)

[■■■■■] (#■■■■■)



[REDACTED]

- [REDACTED]
- [REDACTED] Sitemap [REDACTED]
- [REDACTED] AI [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]

[REDACTED]

- [REDACTED] Web [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

1. [REDACTED]

- **[REDACTED]** " [REDACTED]"
- **[REDACTED]** [REDACTED] [REDACTED]
- **[REDACTED]** [REDACTED]

2. [REDACTED]

- **[REDACTED]** "█████████████████████"
- **[REDACTED]** ██████████████████████

3. [REDACTED]

- **[REDACTED]** ████████
- **[REDACTED]** ██████████
- **[REDACTED]** *███████████
- **[REDACTED]** ██████████████████████
- **[REDACTED]** *███████████
- **[REDACTED]** `admin`
- ██████████`001` ~ `007`

4. [REDACTED]

- **[REDACTED]** ████████
- **[REDACTED]** █████████████████████████
- **[REDACTED]** *███████████
- **[REDACTED]** ██████████████████████
- **[REDACTED]** *███████████
- admin██`admin123`
- 001██`pass001`
- 002██`pass002`
- ...███████████

5. [REDACTED]

- **[REDACTED]** "████████"
- **[REDACTED]** ██████████
- **[REDACTED]** ██████████

- ** [REDACTED] ** [REDACTED]
 - [REDACTED]
 - [REDACTED] " [REDACTED] ... " [REDACTED]
 - [REDACTED]
 - [REDACTED]

10 of 10

5 of 5

4

A horizontal row of twelve black squares, likely representing a grayscale calibration strip or a visual representation of a digital signal.

10

- **[REDACTED] (admin)** [REDACTED]
 - **[REDACTED] (001-007)** [REDACTED]

1

10 of 10

— 1 —

1.  4 

- * * [REDACTED] *

- ** [REDACTED] "33 / 93" [REDACTED] / [REDACTED]
 - ** [REDACTED] " [REDACTED] / [REDACTED]"
 - ** [REDACTED]** [REDACTED]
 - ** [REDACTED]** [REDACTED]
 - ** [REDACTED]** [REDACTED] [REDACTED]
 - ** [REDACTED]** [REDACTED] "2033"
 - ** [REDACTED]** [REDACTED] : 921"
 - ** [REDACTED]** [REDACTED]
 - ** [REDACTED]** [REDACTED]
 - ** [REDACTED]** [REDACTED] [REDACTED]
 - ** [REDACTED]** [REDACTED] "0"
 - ** [REDACTED]** [REDACTED] "
 - ** [REDACTED]** [REDACTED] 10 [REDACTED]
 - ** [REDACTED]** [REDACTED]
 - ** [REDACTED]** [REDACTED]
 - ** [REDACTED]** [REDACTED] "0 B"
 - ** [REDACTED]** [REDACTED] "
 - ** [REDACTED]** [REDACTED]

2.

- ** [REDACTED] ** " [REDACTED] " [REDACTED]
 - ** [REDACTED] [REDACTED] ** [REDACTED]
 - [REDACTED] [REDACTED] [REDACTED]
 - [REDACTED] [REDACTED] [REDACTED]
 - [REDACTED] [REDACTED] [REDACTED]
 - ** [REDACTED] [REDACTED] ** [REDACTED]
 - " [REDACTED] [REDACTED] "
 - " [REDACTED] [REDACTED] "
 - " [REDACTED] [REDACTED] "

- **[REDACTED]** "2026/1/8 02:01:55"

- **[REDACTED]**

- **[REDACTED]**

- **24h [REDACTED]**

- [REDACTED]"24h [REDACTED]: 0%"

- [REDACTED]

- [REDACTED]20%[REDACTED]

- **[REDACTED]** [REDACTED]30 [REDACTED]

3. [REDACTED]

- **[REDACTED]** " [REDACTED]"

- **[REDACTED]**

[REDACTED]

- **[REDACTED]** "Auto-generated from www.kt.kz"

- **[REDACTED]** "748 [REDACTED]"

- **[REDACTED]**

- [REDACTED]

- [REDACTED]"[REDACTED]: 0%"

- **[REDACTED]**

4. [REDACTED]

- **[REDACTED]** " [REDACTED]"

- **[REDACTED]**

- **[REDACTED]**

- **[REDACTED]**

- **[REDACTED]**

5. [REDACTED]

- **[REDACTED]** /sources [REDACTED]
- **[REDACTED]** /articles [REDACTED]
- **[REDACTED]** /reports [REDACTED]
- **[REDACTED]** /search [REDACTED]

[REDACTED]

- **[REDACTED]**
- **[REDACTED]** 30 [REDACTED]
- **[REDACTED]** 7 [REDACTED]
- **[REDACTED]**

[REDACTED]

- **[REDACTED]**
- **[REDACTED]**
- **[REDACTED]**
- **[REDACTED]**

[REDACTED]

[REDACTED]

[REDACTED] Sitemap [REDACTED] Robots [REDACTED] / [REDACTED]

[REDACTED]

1. [REDACTED]

- **[REDACTED]** " [REDACTED]"
- **[REDACTED]** " [REDACTED] Sitemap ■ Robots [REDACTED]"
- **[REDACTED]**"
- [REDACTED]
- [REDACTED]" [REDACTED]"
- [REDACTED] [REDACTED] [REDACTED]
- [REDACTED] [REDACTED]
- **[REDACTED]**"
- [REDACTED]
- [REDACTED]" [REDACTED]"
- [REDACTED] [REDACTED] [REDACTED]
- [REDACTED] [REDACTED]

2. [REDACTED]

- **[REDACTED]**"
- **[REDACTED]**"
- [REDACTED]" [REDACTED] URL..."
- [REDACTED] [REDACTED]
- [REDACTED] [REDACTED] URL
- [REDACTED] [REDACTED]

3. [REDACTED]

- **[REDACTED]**" [REDACTED] (20)"
- **[REDACTED]**"

10 of 10

- [REDACTED]"zyhj.ylnu.edu.cn"
 - [REDACTED]

URL

- [REDACTED] "https://zyhj.ylnu.edu.cn"
 - [REDACTED]
 - [REDACTED]

1

- ** [REDACTED] ** [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]" [REDACTED]"
 - ** [REDACTED] ** [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]" [REDACTED]"

Robots ■ ■

- ** [REDACTED] **
 - [REDACTED] compliant
 - [REDACTED] restricted
 - [REDACTED] error
 - [REDACTED] pending
 - [REDACTED]
 - ** [REDACTED] **
 - [REDACTED] "Xs" [REDACTED] "3s" [REDACTED] 3 [REDACTED]
 - [REDACTED] "-" "

5 of 5

- [REDACTED] + [REDACTED]

- [REDACTED] 0 [REDACTED]

[REDACTED]

- **[REDACTED]** [REDACTED] / [REDACTED] × 100%

- **[REDACTED]** [REDACTED]

- ≥ 80% [REDACTED]

- < 80% [REDACTED]

- **[REDACTED]** [REDACTED]" -"

[REDACTED]

- **[REDACTED]** [REDACTED]

- **[REDACTED]** [REDACTED]" -"

- **[REDACTED]** [REDACTED]

[REDACTED] 4 [REDACTED]

[REDACTED]

- [REDACTED] [REDACTED]

- [REDACTED] [REDACTED]

- [REDACTED] [REDACTED]

■■■ Sitemap ■■■

- [REDACTED] [REDACTED]

- [REDACTED] [REDACTED] Sitemap [REDACTED]

- [REDACTED] [REDACTED]

■■■ Sitemap ■■■

- [REDACTED] [REDACTED]

- [REDACTED] [REDACTED] Sitemap

- [REDACTED] [REDACTED]

- [REDACTED] [REDACTED]

- [REDACTED] [REDACTED]

- [REDACTED]
 - [REDACTED]
- [REDACTED]
- [REDACTED] [REDACTED]
 - [REDACTED] [REDACTED] [REDACTED]
 - [REDACTED] [REDACTED] [REDACTED]
 - [REDACTED] [REDACTED]

4. [REDACTED]

- **[REDACTED]**
- [REDACTED]"[REDACTED]"
- [REDACTED] [REDACTED] [REDACTED]
- [REDACTED] [REDACTED] [REDACTED]
- **[REDACTED]**
- [REDACTED]"[REDACTED]" 1 / 5 "[REDACTED]"
- [REDACTED] [REDACTED] [REDACTED]
- **[REDACTED]**
- [REDACTED]"[REDACTED]"
- [REDACTED] [REDACTED]
- [REDACTED] [REDACTED] [REDACTED]

Robots [REDACTED]



██████████ "██████████ "██████████ "██████████ "██████████

10 of 10

- [REDACTED]

- URL

-

11

[Sitemap](#) [Robots](#)



10 of 10

— 1 —

10 of 10

- [REDACTED]

- ■ ■ ■ ■

- ■ ■ ■ ■

— 1 —

— 1 —



10 of 10

— 1 —

Black Box Testing

██████████



UPI

[REDACTED]



- **[REDACTED]** [REDACTED] 20 [REDACTED]
- **[REDACTED]** [REDACTED]
- **[REDACTED]** [REDACTED]

Sitemap ■■



Sitemap [REDACTED] Sitemap [REDACTED] Sitemap [REDACTED]
URL [REDACTED]



1. [REDACTED]

- **[REDACTED]** "Sitemap ■■"
- **[REDACTED]** "■■ Sitemap [REDACTED]"
- **[REDACTED]** ■■ ■■
- **[REDACTED]** "■■ Sitemap"
- **[REDACTED]** "■■ Sitemap [REDACTED]"
- **[REDACTED]** [REDACTED]

2. [REDACTED]

- **[REDACTED]** "■■■"

- **[REDACTED]** " [REDACTED]"
 - **[REDACTED]** [REDACTED]
 - [REDACTED] " [REDACTED]"
 - [REDACTED] " [REDACTED]" [REDACTED] (URL)"
 - [REDACTED] Sitemap [REDACTED]
 - **[REDACTED]** [REDACTED]
 - [REDACTED]
 - [REDACTED] " [REDACTED]"
 - [REDACTED] Sitemap [REDACTED] [REDACTED]

3. Tab

Sitemap ■■■ Tab ■■■

Tab

4. Sitemap

- ** [REDACTED] ** [REDACTED]
 - ** [REDACTED] ** [REDACTED]
 - [REDACTED]" [REDACTED] Sitemap URL..."
 - [REDACTED] Sitemap [REDACTED]

███████████

███████████

███████

- ██████████████████
- ██████████████████
- ██████████████████
- ██████████████████

URL ████

- ████████ Sitemap URL
- ██████████████████
- ██████████████████

█ ID ████

- ██████ ID
- ██████"2"█"62"

███████████

- ██████"2026-01-08 01:37:25"
- ██████████"-"

███████████

- ██████ Sitemap ██████████
- ██████"0"█"748"

███████

█████████████████████

- ██████ ██████
- ██████████ Sitemap ██████ URL ██████
- ██████████
- ██████32x32px

5 of 5

- [REDACTED]
 - [REDACTED] Sitemap [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED] 32x32px

5.

A horizontal row of ten solid black squares arranged side-by-side.

- ** [REDACTED]** [REDACTED] [REDACTED]
 - ** [REDACTED]** [REDACTED] [REDACTED] "pending" [REDACTED]
 - ** [REDACTED]** [REDACTED] [REDACTED] "completed" [REDACTED]
 - ** [REDACTED]** [REDACTED] [REDACTED] "failed" [REDACTED]
 - ** [REDACTED]** [REDACTED] [REDACTED] "abandoned" [REDACTED]

5

- ** [REDACTED]** [REDACTED]
 - [REDACTED] " [REDACTED]: [REDACTED]"
 - [REDACTED] " [REDACTED]" [REDACTED]
 - [REDACTED] " [REDACTED]" [REDACTED]
 - ** [REDACTED]** [REDACTED]
 - [REDACTED] " [REDACTED]:"
 - [REDACTED] 1-100
 - [REDACTED] 10
 - [REDACTED] " [REDACTED]: X \ [REDACTED]: X \ [REDACTED]: X"

10 of 10

1 / 1

- * * * * *

- [REDACTED]"[REDACTED] (10)"
- [REDACTED]"[REDACTED]"
- **[REDACTED]** [REDACTED]
- **[REDACTED]** [REDACTED]
- [REDACTED] [REDACTED]
- [REDACTED] [REDACTED]
- **[REDACTED]** [REDACTED]
- [REDACTED] [REDACTED]
- [REDACTED] [REDACTED]
- **[REDACTED]** [REDACTED]
- [REDACTED] [REDACTED]
- [REDACTED] [REDACTED]
- [REDACTED] [REDACTED]
- **[REDACTED]** [REDACTED] (X)"[REDACTED] X [REDACTED]
- **[REDACTED]** [REDACTED]
- **[REDACTED]** [REDACTED]
- **[REDACTED]** [REDACTED]
- **[REDACTED]** [REDACTED]

- [REDACTED]
- **[REDACTED]** [REDACTED]
 - **[REDACTED]** [REDACTED]

- [REDACTED]
- [REDACTED]
- [REDACTED] [REDACTED]
 - [REDACTED]"[REDACTED]" [REDACTED] " [REDACTED]"
 - [REDACTED]"|"
 - [REDACTED] [REDACTED]

[REDACTED]

- **██████████**█
- ██████████"█: X"
- ██████████"█: X"
- ██████████"█: X"
- ██████"█: X/Y"█X ██████████Y █████

• **██████████**█

- ██████████"█: X"
- ██████████"█: X"
- ██████"█: X/Y"

██████████

██████████

███████

- █ ██████pending█████
- █ ██████crawling█████
- █ ██████completed█████
- █ ██████failed█████
- █ ██████abandoned█████

███████

- **█████**█
- ██████████
- █████80█████
- ██████████████████
- █████"████"█████████
- **URL █**█
- █████ URL
- ██████████
- █████12px█████

• [REDACTED]

• [REDACTED]

[REDACTED] ID [REDACTED]

• [REDACTED] ID

• [REDACTED]"2" [REDACTED]"39"

[REDACTED]

• [REDACTED]

• [REDACTED]"2026/01/08 02:00"

[REDACTED]

[REDACTED] pending [REDACTED]

• [REDACTED] [REDACTED]

• [REDACTED]

• [REDACTED]

• [REDACTED]

[REDACTED]

• [REDACTED] [REDACTED]

• [REDACTED]

• [REDACTED]

• [REDACTED]

[REDACTED]

[REDACTED]

• [REDACTED]"[REDACTED] 1 - 50 [REDACTED] 200 [REDACTED]"

• [REDACTED]

[REDACTED]

• **[REDACTED]**

• [REDACTED]"[REDACTED]"

• [REDACTED]

6. ■■■■■■

A horizontal row of twelve solid black squares arranged in a single line.

- ** [REDACTED] " [REDACTED] - { [REDACTED] }"
 - * [REDACTED] *

■ robots.txt ■■ Sitemap ■■■

- [REDACTED]
 - [REDACTED] " [REDACTED] robots.txt [REDACTED] Sitemap"
 - [REDACTED] robots.txt [REDACTED] Sitemap URL
 - [REDACTED]

 Sitemap

- [REDACTED]
 - [REDACTED] " [REDACTED] Sitemap [REDACTED]"
 - [REDACTED] Sitemap [REDACTED]
 - [REDACTED]

7. ■■■ Sitemap ■■■

"Sitemap"

 Sitemap URL

5

Sitemap URL ■■■■

- "Sitemap URL"
- "https://example.com/sitemap.xml"
-
-

███████████

- " "███████████"
- " "███████████"
- ██████████████████
- ██████████████████
- ██████████████████

███████████

- **██████** ██████████
- **██████** █ Sitemap ██████████

████████████████████

██████████

████ 1 ██████████ Sitemap

████"████"█████████

█ "Sitemap"█████████

████"█ robots.txt █ Sitemap"

█████████████ Sitemap

████ 2 ██████████

████████"████"█

████████████"████"█

██████████ 10 █

████"█████"██

█████████████████

█████"████"█████

████ 3 ██████████

█████████████████

████"█████"██

█████████████████

█████████████

████ 4 ██████████ Sitemap

████"██ Sitemap"██

██ Sitemap URL

█████████████████

████"██"

██████████████ URL

██████

Sitemap ██ → 2. **██ URL** → 3. **██████████** → 4. **██████** → 5. **██████████**

██████

████████████████...█