

BOOGIE

NCCU: SHADOWS OF THE UNKNOWN

109405229 新聞五 王苡謙
110305075 企管四 繆孟珊
110308035 風管四 曾惠瑜
112208077 經濟二 邱晨綠



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PROJECT MOTIVATION

A perfect search engine for Faint-hearted



Many intriguing ghost stories circulate in historical campuses. However, for timid individuals, these stories may cause discomfort.

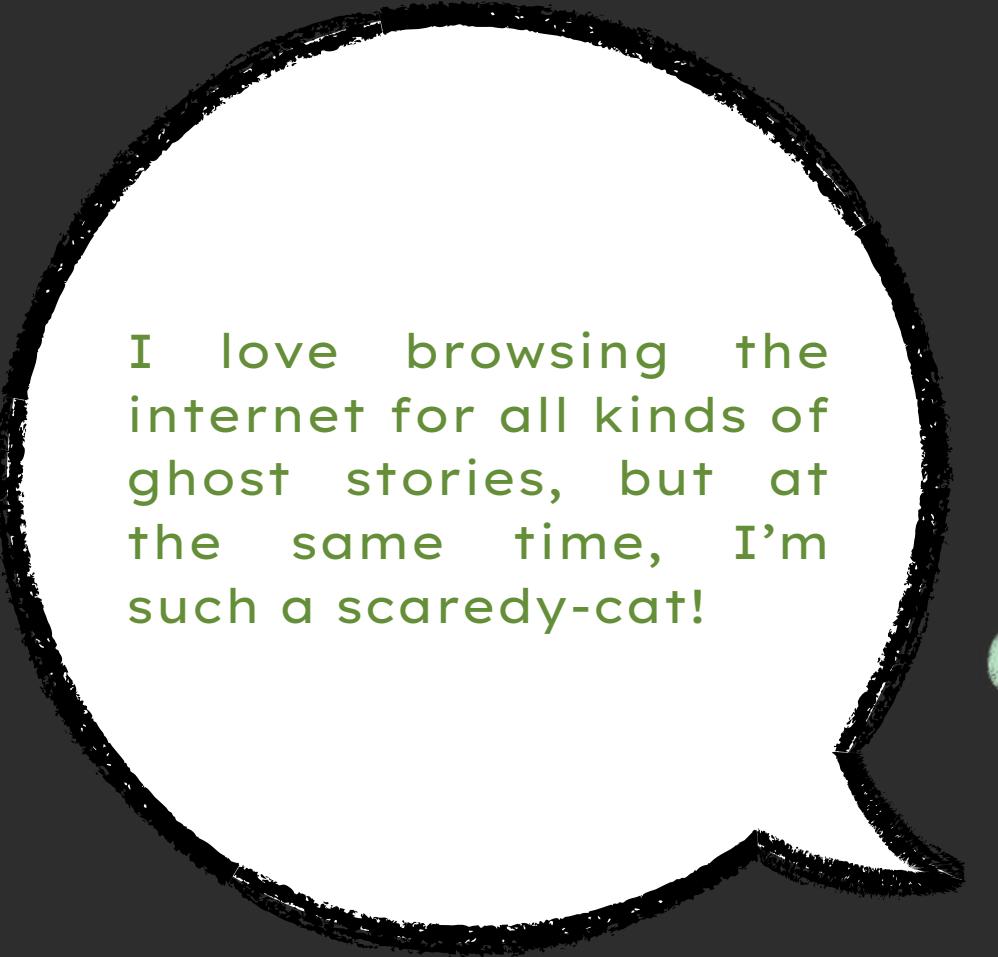


Through a fun and light-hearted approach, users can safely explore ghost stories on the NCCU campus while enabling data collection and classification, allowing more people to gradually search for scary content.

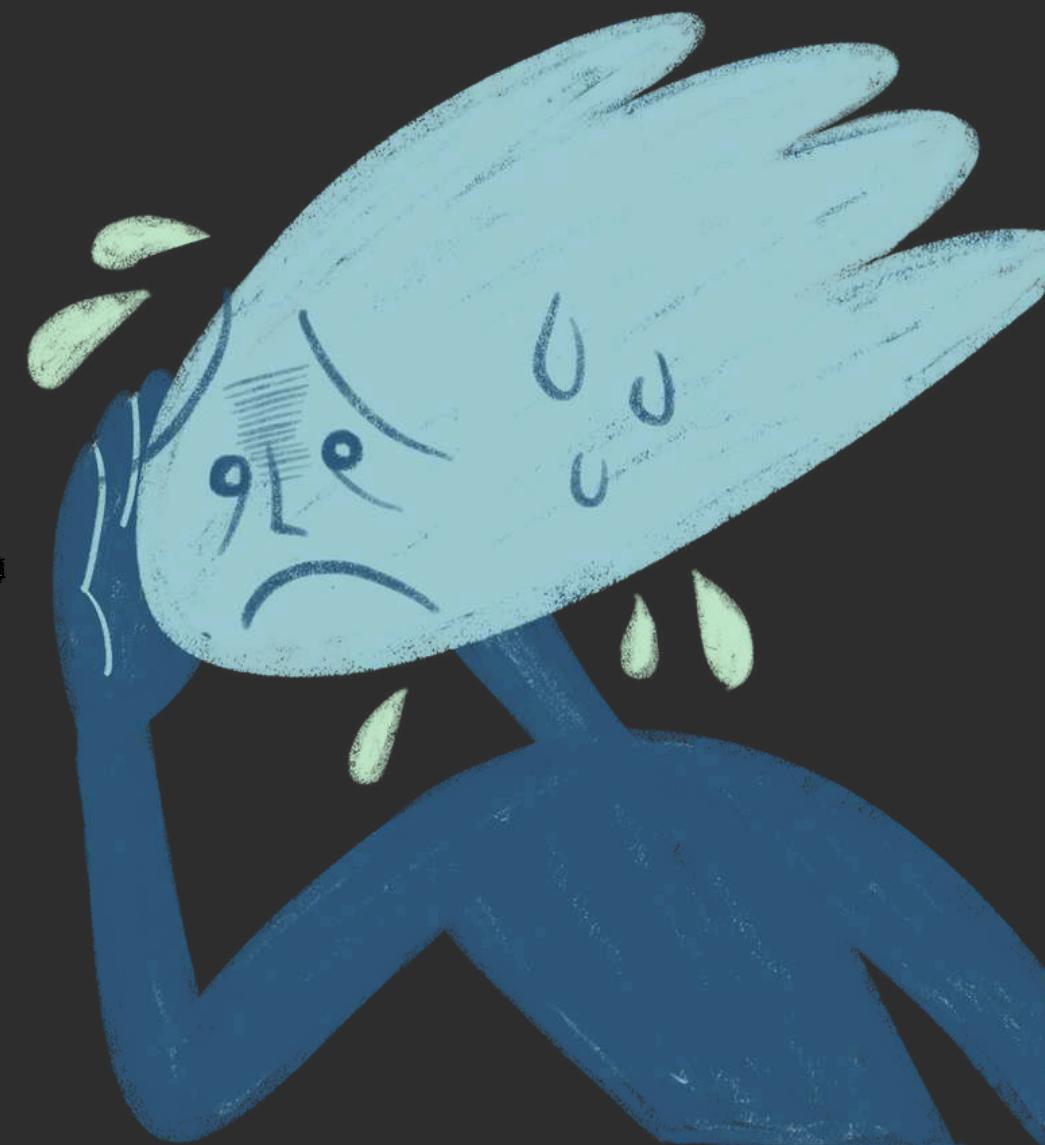
USER NEEDS AND PAIN POINTS

Target Users:
Timid individuals who are curious but hesitant to explore

We assign weights to the search results based on their level of scariness, placing less frightening content first. This allows timid users to browse the content gradually and at their own pace.

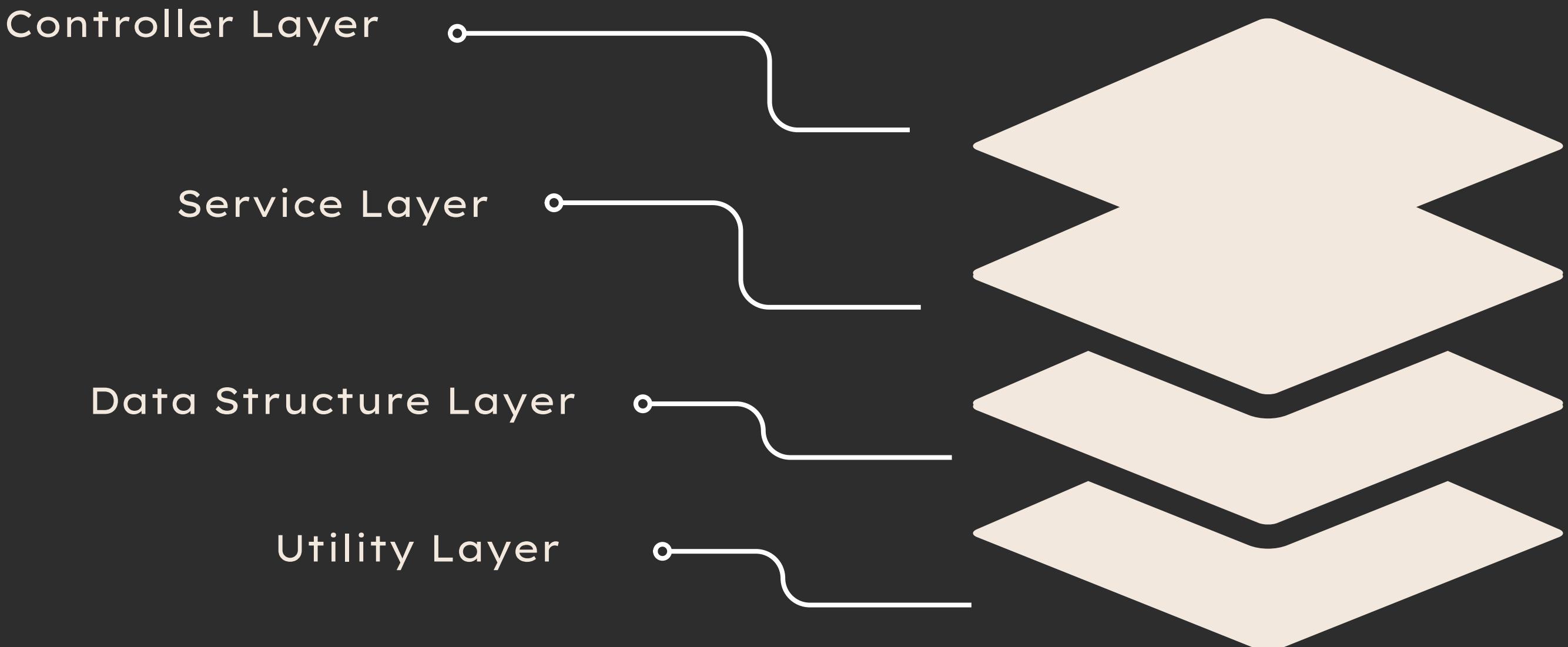


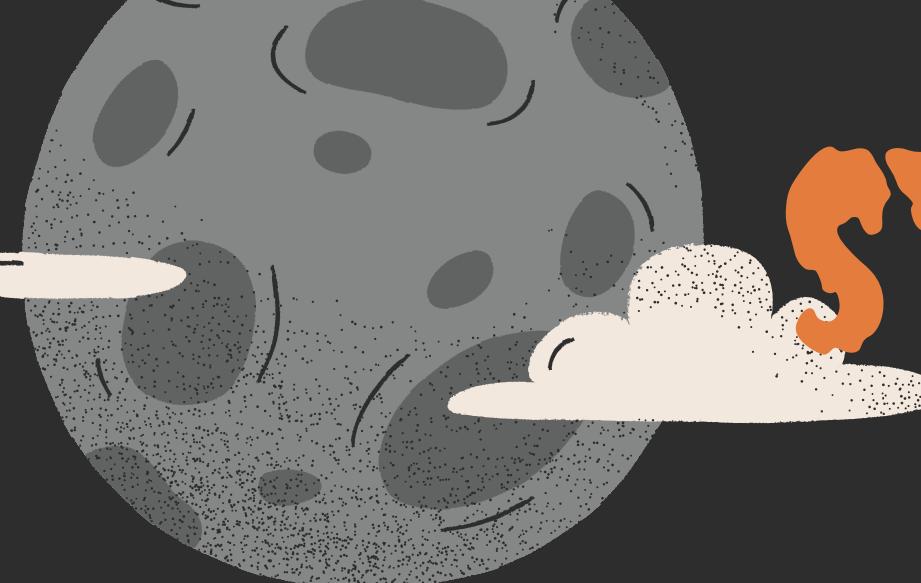
I love browsing the internet for all kinds of ghost stories, but at the same time, I'm such a scaredy-cat!





SYSTEM ARCHITECTURE

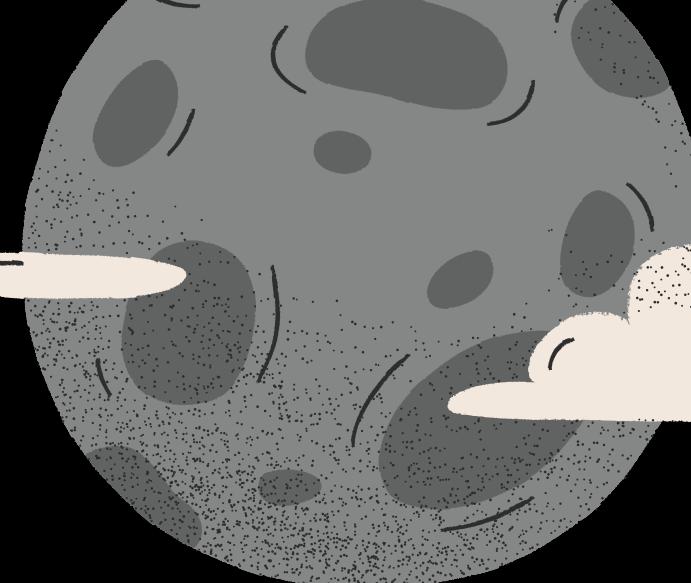




SYSTEM ARCHITECTURE

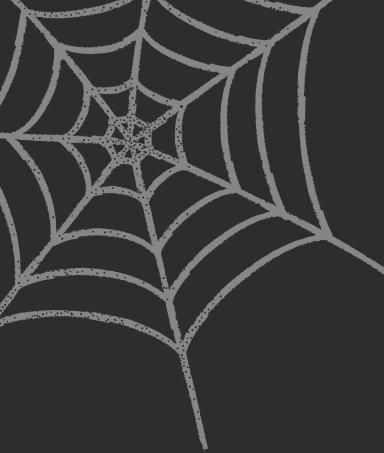
```
@GetMapping("/")
public String index() {
    return "index";
}

@PostMapping("/search")
public String search(@RequestParam("query") String query, Model model) {
    try {
        HashMap<String, String> results = queryService.query(query);
        List<WebNode> sortedResults = queryService.sortResults(results);
        model.addAttribute("results", sortedResults); // 添加查詢結果到模型中
    } catch (IOException e) {
        e.printStackTrace();
        model.addAttribute("error", "查詢過程中出現錯誤");
    }
    return "result"; // 返回結果頁面
}
```



SYSTEM ARCHITECTURE WORKFLOW





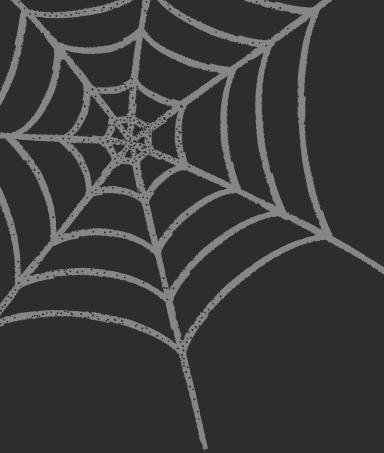
KEY IDEAS

KEYWORD WEIGHT CONFIGURATION



By assigning different weights to keywords, we give higher weights (e.g., 1.0) to those closely related to the topic, like "NCCU" and "paranormal," while keywords related to specific details (e.g., "Bagua Building") receive moderate or lower weights (e.g., 0.5), ensuring topic relevance and optimizing search rankings.

```
// 設定查詢關鍵字的權重
keywordWeights.put(key:"政大", value:1.0);
keywordWeights.put(key:"nccu", value:1.0);
keywordWeights.put(key:"NCCU", value:1.0);
keywordWeights.put(key:"鬼故事", value:1.0);
keywordWeights.put(key:"靈異", value:1.0);
keywordWeights.put(key:"校園", value:1.0);
```



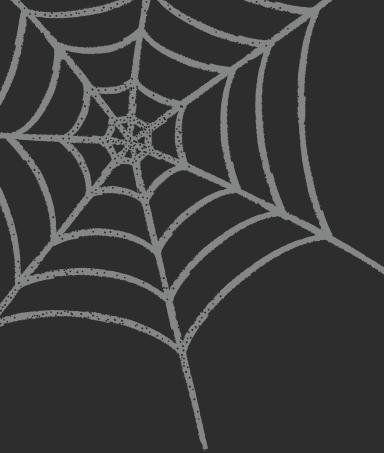
KEY IDEAS

HIDDEN WEIGHT SETTINGS



Define indirectly related keywords, such as "horror," "thriller," "creepy," etc., and assign them moderate weight to ensure the priority of the primary keywords while avoiding overlooking potentially related content, providing more comprehensive search results.

```
// 設定隱藏式字典關鍵字的權重
keywordWeights.put(key:"恐怖", value:0.5);
keywordWeights.put(key:"陰森", value:0.5);
keywordWeights.put(key:"驚悚", value:0.5);
keywordWeights.put(key:"嚇人", value:0.5);
keywordWeights.put(key:"屍水", value:1.0);
```



KEY IDEAS

EFFICIENT SEARCH RESULT SORTING AND FILTERING

Our system uses **Min-Heap** and **Max-Heap** structures to manage high and low-scoring search results, ensuring an efficient sorting process. This approach not only guarantees accurate result ranking but also maintains logical clarity throughout, further enhancing the overall search efficiency and precision.

```
public void addWebNode(WebNode node) {  
    if (node.getNodeScore() >= 2.8) {  
        minHeap.add(node);  
    } else {  
        maxHeap.add(node);  
    }  
}
```



ACHIEVEMENT

Google 搜尋結果顯示了多個與政大鬼故事相關的網站和論壇帖子。

- thenewslens.com**: 謝宜安《必修！台灣校園鬼故事考》：「屍水宿舍」傳說傳播力 ...
2024年4月4日 - 作者說這是「從學長那邊聽來男生宿舍的鬼故事」，可知這版本在政大的流傳也早於一九九七年。政大的宿舍鬼故事，傳說，政大老舊的自強五舍到自強八舍之中， ...
- Dcard**: 想問問政大校園內的鬼故事- 政治大學板
2020年3月7日 - 跟其他學校的朋友聊天，發現其他學校都有不少鬼故事，但政大我聽到的不多。只有文學院後面的池塘，或是綜院的電梯，不知道是不是我太過緣，所以沒人跟我 ...
- ptt.cc**: [經驗] 深夜政大怪談1 - 看板marvel - 批踢踢實業坊
2020年7月4日 - 大學，尤其是創校已有歲月的學校，往往孕育無盡的怪談，創校九十年的母校政大，自然也流傳不少的故事。但是像我一般的麻瓜，在此求學時有幸躲過了各種 ...
Re: [見聞] 綜合院館的電梯- 看板marvel 6則貼文 2014年6月26日
[經驗] 政大女宿怪談倒立鬼 ... 100則貼文 2016年3月3日
Re: [校園] 政大鬼故事- 看板NCCU - 批踢踢實業坊 8則貼文 2011年10月28日
[轉貼] 政大的校園宿舍鬼故事：大家開心就好 1則貼文 2005年10月5日
www.ptt.cc 的其他相關資訊
- 影片**:
 - 【校園傳說】詭異的寢室鬼來電？！三個政大的靈異傳說 | 下水道先生
 - YouTube - 下水道先生
2022年1月3日
 - 【政大鬼故事特輯】聽說.....那裡有.....你是否有在學校哪個...
 - Facebook - 大學新創平台 Maker In College

Boogle 搜尋模擬結果展示了多個與政大鬼故事相關的網址。

- 前濕滑時期的政大，兩則記憶中的溫腥小故事 - 關鍵評論網
- [經驗] 深夜政大怪談1 - 看板marvel - 批踢踢實業坊
- 皮肉黏死床板上！政大僑生寒假猝死宿舍無人知室友開門「屍水流滿 ...
- 政治大學自強六舍不為人知的鬼故事慎入！！ - YouTube
- 宿舍鬼故事背後的真實故事 - Readmoo閱讀最前線
- 104人力銀行大學生|「ㄟ好像有人耶...」2023鬼月已過半，不知道你 ...
- 政大鬼故事。 - Threads
- 台灣校園鬼故事桌遊- 【政大- 自強屍水宿舍事件】政大男宿傳出 ...
- 政大鬼故事-屍水宿舍- 政治大學板 - Dcard
- 【政大鬼故事特輯】聽說.....那裡有.....你是否有在學校哪個地方 ...
- 大學新創平台Maker In College | 【政大鬼故事特輯】聽 ... - Instagram
- 想問問政大校園內的鬼故事- 政治大學板 - Dcard
- 今天來個政大的鬼故事。 - Threads
- 【校園傳說】詭異的寢室鬼來電？！三個政大的靈異傳說 | 下水道先生
- 校園生活總是少不了鬼故事！農曆七月，這些大學的傳說好像也更 ...
- 老Z撞鬼！在政大附近看到的一整排詭異白影... 【#鬼錯字49】 @台灣大 ...
- 謝宜安《必修！台灣校園鬼故事考》：「屍水宿舍」傳說傳播力驚人

FUTURE IMPROVEMENT DIRECTIONS



1. Dynamic Keyword Adjustment

Incorporate learning algorithms to dynamically adjust keyword weights based on user behavior.

2. Multi-language Support

Expand support for searching in multiple languages to enhance user experience.