

IOS 期末專案

SOCIAL MEDIA
SHAKYA

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專案簡介



Instagram



實現功能

透過Google帳號登入 APP
發佈文章
文章可按讚留言檢舉
新增好友
與好友聊天
修改個人資料

FIRE BASE 資料

The screenshot shows the Firebase Realtime Database interface. On the left, the database structure is visible under the project 'iossocialapp-a493e'. A 'users' collection is selected, containing documents with IDs such as 'BIqmjLTHK2mqYHCkClih', 'GUkEDZx7HtphegovzXq', '008uafCIPzpWtIpGTd7D', 'Z77Ded6yCKT40LiTDdVg', and 'ip8GnfNSL9Aku8E9jSpu'. The document 'ip8GnfNSL9Aku8E9jSpu' is currently expanded, showing its fields: bio ('123'), date_created ('2022年6月25日 晚上11:10:50 [UTC+8]'), display_name ('Jimmyuwu'), email ('t108820011@ntut.org.tw'), provider ('google'), provider_id ('ZnS9hTJMCDXQdlPhfXX36Ro2zV92'), and user_id ('ip8GnfNSL9Aku8E9jSpu').

新增集合	新增文件	新增集合
posts	BIqmjLTHK2mqYHCkClih	friends
users >	GUkEDZx7HtphegovzXq	
	008uafCIPzpWtIpGTd7D	
	Z77Ded6yCKT40LiTDdVg	
	ip8GnfNSL9Aku8E9jSpu >	+ 新增欄位
	sbvhcYFw5ApRaHpdVNg9	bio: "123"
		date_created: 2022年6月25日 晚上11:10:50 [UTC+8]
		display_name: "Jimmyuwu"
		email: "t108820011@ntut.org.tw"
		provider: "google"
		provider_id: "ZnS9hTJMCDXQdlPhfXX36Ro2zV92"
		user_id: "ip8GnfNSL9Aku8E9jSpu"

FIRE BASE 資料

The screenshot shows the Firebase Realtime Database interface with two main data structures displayed side-by-side.

Left Structure:

- Root level: A document with ID `ip8GnfNSL9Aku8E9jSpu`.
 - Contains a child node `friends`.
- `friends` node:
 - Contains a child node with ID `Z77Ded6yCKT40LiTDdVg`.
 - Contains a child node `messages`.

Right Structure:

- Root level: A document with ID `Z77Ded6yCKT40LiTDdVg`.
 - Contains a child node `messages`.
- `messages` node:
 - Contains a child node with ID `addDate: 2022年6月27日 清晨5:38:32 [UTC+8]`.
 - Contains a child node `lastMessage: "Ok green"`.
 - Contains a child node `tag: "normal"`.
 - Contains a child node `userName: "I'm jimmm"`.

FIRE BASE 資料

The screenshot shows the Firebase Realtime Database interface. On the left, there's a sidebar with a user icon and a dropdown menu. The main area displays a tree structure of database nodes.

- Z77Ded6yCKT40LiTDdVg**:
 - + 新增集合
 - messages** > (highlighted)
 - + 新增欄位
 - addDate: 2022年6月27日 清晨 5:38:32 [UTC+8]
 - lastMessage: "Ok green"
 - tag: "normal"
 - userName: "I'm jimmmy"
- messages**:
 - + 新增文件
 - JjruuDiuFLr1KstTWfja
 - 0xSHb4AKmk0Yb8WFXDK1
 - SGa1qFMIIf8oLwIgQUaHK
 - U8nNs1GpQiUHg7gFgZed
 - UPpg7TzGAYJRzL5iX0gG
 - dRYJ8HeLbiwANq5sYRbj
 - hTXXoAaP0ykY0SUTGZX2
 - mATn5LexIsGpc0ot47v8** > (highlighted)
 - ttyJWaHRjuIfzRtAeves**
 - uEasJhv2XC0L0qLd0h0v**
 - wIo6byD0ZQnwrk1varRF**
 - wap2LaXf478pRN6DGc03**
 - xoZbNzm2Ew4SceIn3HHi**
 - yQJekARytMsJncQvgRNq**
- mATn5LexIsGpc0ot47v8**:
 - + 新增集合
 - + 新增欄位
 - id: "23A2FA51-62BB-492A-8D54-E699936A5743"
 - received: true
 - text: "Hi jimmmy"
 - timestamp: 2022年6月27日 清晨5:48:43 [UTC+8]

FIRE BASE 資料

The screenshot shows the Firebase Realtime Database interface. The path in the top navigation bar is: posts > GTCIA5mG3ZWi.

The left sidebar shows the database structure:

- posts (selected)
- users

The main area displays a single document under the posts collection:

GTCIA5mG3ZWiacyM6PgH

Fields and their values:

- caption: "This is my new pet LUL"
- data_created: 2022年6月25日 晚上11:11:19 [UTC+8]
- display_name: "Jimmyuwu"
- like_count: 2
- liked_by
 - 0 "ip8GnfNSL9Aku8E9jSpu"
 - 1 "sbvhcYFw5ApRaHpdVNg9"
- post_id: "GTCIA5mG3ZWiacyM6PgH"
- user_id: "ip8GnfNSL9Aku8E9jSpu"

FIRE BASE 資料

The screenshot shows the Firebase Realtime Database interface. The URL in the top navigation bar is `posts > GTCIA5mG3ZWiacyM6PgH > comments > 2JZUzKDgZPRa..`. The left sidebar shows a tree structure of posts and comments. The main area displays a post with ID `GTCIA5mG3ZWiacyM6PgH` and a comment with ID `2JZUzKDgZPRa8UHR4ugN`.

Post Data (GTCIA5mG3ZWiacyM6PgH):

- comments:** A collection containing one item with ID `2JZUzKDgZPRa8UHR4ugN`.
- caption:** "This is my new pet LUL"
- data_created:** 2022年6月25日 晚上 11:11:19 [UTC+8]
- display_name:** "Jimmyuwu"
- like_count:** 2
- liked_by:** A list containing two user IDs:
 - 0: "ip8GnfNSL9Aku8E9jSpu"
 - 1: "sbvhcYFw5ApRaHpdVNg9"
- post_id:** "GTCIA5mG3ZWiacyM6PgH"

Comment Data (2JZUzKDgZPRa8UHR4ugN):

- comment_id:** "2JZUzKDgZPRa8UHR4ugN"
- content:** "LUL no body here..."
- data_created:** 2022年6月25日 晚上 11:13:11 [UTC+8]
- display_name:** "Jimmy"
- user_id:** "ip8GnfNSL9Aku8E9jSpu"

FIRE BASE 資料

The screenshot shows the Firebase Control Panel interface on a Mac OS X desktop. The window title is "Firebase 控制台". The main navigation bar includes "Safari", "檔案", "編輯", "顯示方式", "瀏覽記錄", "書籤", "視窗", and "輔助說明". The date and time "6月27日 週一 上午 11:57" are also visible.

The left sidebar contains the following sections:

- 建構**
 - Authentication
 - App Check
 - Firestore Database
 - Realtime Database
 - Extensions
 - Storage**
 - Hosting
 - Functions
 - Machine Learning
- 發布及監控 (Deployment & Monitoring)
- 數據分析 (Analytics)
- 互動交流 (Engagement)
- Spark (Free tier)

The main content area is titled "Storage" and shows the "Files" tab selected. It displays a list of storage paths under "gs://iosshakya.appspot.com":

	名稱	大小	類型	上次修改時間
<input type="checkbox"/>	posts/	—	資料夾	—
<input type="checkbox"/>	users/	—	資料夾	—

There is a blue "上傳檔案" (Upload file) button at the top right of the list.

FIRE BASE 資料

The screenshot shows the Firebase Storage console interface. On the left, there's a sidebar with various services: Authentication, App Check, Firestore Database, Realtime Database, Extensions, Storage, Hosting, Functions, and Machine Learning. Below these are sections for '發布及監控' (Crashlytics, Performance, Test Lab...) and '數據分析' (Dashboard, Realtime, Events, Cloud Metrics). At the bottom, there's a 'Spark' plan section with a '升級' (Upgrade) button.

The main area is titled 'Storage' and has tabs for 'Files', 'Rules', and 'Usage'. It displays a list of files under the path `gs://iosshakya.appspot.com/users`. There are three empty folders listed:

名稱	大小	類型	上次修改時間
4hJ0eazTdpmmqDtP4WRZ/	—	資料夾	—
N0UpvuRCtxsrsLQhvmfa/	—	資料夾	—
a1CiWra8baHG9dDRFUJ4/	—	資料夾	—

At the top of the storage view, there's a note about protecting Storage resources from abuse, a '設定 App Check' (Set App Check) button, and a 'X' button. There are also buttons for '上傳檔案' (Upload file), '+', and '⋮'.

FIRE BASE 資料

Safari 檔案 編輯 顯示方式 瀏覽記錄 書籤 視窗 幫助說明 6月27日 週一 上午11:57

Firebase 控制台 gradingSheet_學... Meet - xwz-u... [Firebase] 北科大... console.firebaseio.google.com

Firebase iosShakya Storage 瀏覽說明文件 德易

專案總覽 建構

- Authentication
- App Check
- Firebase Database
- Realtime Database
- Extensions
- Storage
- Hosting
- Functions
- Machine Learning

gs://iosshakya.appspot.com > users > 4hJ0eazTdpmm... 上傳檔案

名稱	大小	類型	上次修改時間
profile	1.34 MB	image/jpeg	2022年6月27日

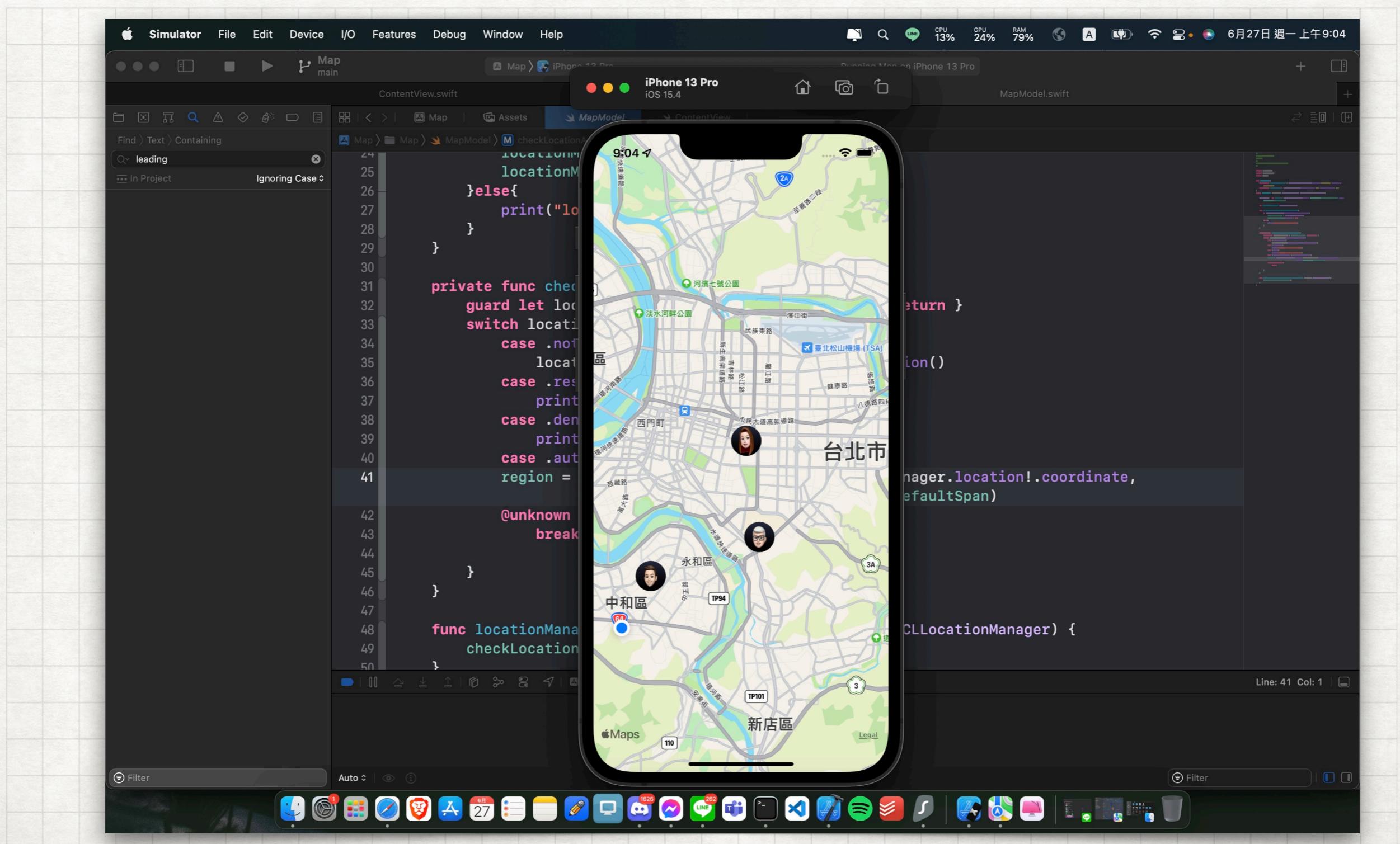
profile

名稱 profile
大小 1,407,557 個位元組
類型 image/jpeg
建立日期 2022年6月27日 清晨6:53:13
更新日期 2022年6月27日 清晨6:53:13
檔案位置
其他中繼資料

遇到的困難

The screenshot shows the Firebase console interface for the project "iosSocialApp". The left sidebar contains navigation links for various services: Authentication, App Check, Firestore Database, Realtime Database, Extensions, Storage, Hosting, Functions, and Machine Learning. The main content area is titled "Storage" and has tabs for "Files", "Rules", and "Usage". A prominent red error message at the top states: "⚠ 無法載入檔案，此專案的配額已超過上限" (The file cannot be uploaded, the project's quota has been exceeded). Below this, there is a blue button labeled "上傳檔案" (Upload file) and a "設定 App Check" (Set up App Check) link with a close button.

遇到的困難



專案DEMO

<https://youtu.be/ePPcezOipqE>

THANK YOU