作业一：去中□心化博客
https://app.sigle.io/login

1. 关键json

a.登陆编辑blog首页时:

https://gaia.blockstack.org/hub/13EDdPp4eqimu18V315V33xQ96fUMRFiAT/stories.json

{"iv":"48a1776dc07dc27cd139c8961ce0394c","ephemeralPK":"0352b2dd6c5d355f1577602df19fdbcc2939
fdcc30662d4c226305583e5acca600","cipherText":"41b9a339d9ebb4e6f2fb2b9a79030a7dc43025aabe57
0f6c1229868c1c2c3d617b783a2f27b57bed8ce08134e2fcd6c8de208999fd4bced739d475eb63a818c4e03
c07a7fcfc3ea241018e64c85d816e3643174e97137e0d2fbede77f32a33b835cafa780c204ae8ede6c1aa9b
9bc736933705c8c8bb05674646f960cb4b0d2efa4211efeb96df6a42593f09d6c5e1c6333384c3eb1d6fda1d
1be652b7b56dfc3044ede1061a1197170342ec6766b6cdb61d166d7c31301385d185c47046f3e4037af8b8
60ce52892ae843d36f5ea1863e13e64c7464cd657ed796bb34f4b45ceaa130e8c6c9c357a7e9b5301cf581
018723599e35081f01cba56950e3e361aab7cabf4b9e8b33b04a9e2833b8fb6bfc6326df05f3ad5f5647df53
26cec5bb4f","mac":"c260b729659b2761b41f1ec2827506bb64dc08a499f2cf144228d0257db73448","was
String":true}

b. create new story时：

（尚未publish）

{"iv":"0b524412fc28cf177bd218de5ec5661f","ephemeralPK":"031ec5f0e313a44701357ba74e8fc1582b2ec374ae7f91bdc6a82bf68019d94a07","cipherText":"a3b27ebcd5cf8ffe5858c528b3aa4a1027270a8a9d124b690a7d2963147be2198397ba6872885cc0bc464c0f4a2b4771f1f20afd452e1972554c8421132ce5fdc2a8dd08d797fd030634e7e5d8e69428613bb9cc2713d7daa23ca07ed9222ffb5c5368ab1c5345a560fb8ddaff51dfcc","mac":"dde9e416c377dcd4c1b4d02e07575ebac05314f29e8cfd709eab209bfb32b680","wasString":true}

c.publish story时：

https://hub.blockstack.org/store/13EDdPp4eqimu18V315V33xQ96fUMRFiAT/publicStories.json

{"publicURL":"https://gaia.blockstack.org/hub/13EDdPp4eqimu18V315V33xQ96fUMRFiAT/publicStories.json","etag":"0x8D7D3B526C37F62"}（此file似乎没什么用处）

每篇文章对应一网址与json file：

https://app.sigle.io/kuoyehshen.id.blockstack/O7ZLZpey68pHsPTgmGOBv

https://gaia.blockstack.org/hub/13EDdPp4eqimu18V315V33xQ96fUMRFiAT/O7ZLZpey68pHsPTgmGOBv.json

{"id":"O7ZLZpey68pHsPTgmGOBv","type":"public","title":"test","createdAt":1585466645920,"updatedAt":1585466732648,"metaTitle":"test meta","metaDescription":"test meta description","coverImage":"https://gaia.blockstack.org/hub/13EDdPp4eqimu18V315V33xQ96fUMRFiAT/photos/O7ZLZpey68pHsPTgmGOBv/1585466730889-IMG_5795.JPG","content":{"object":"value","document":{"object":"document","data":{},"nodes":[{"object":"block","type":"paragraph","data":{},"nodes":[{"object":"text","text":"test","marks":[]}]}]}}}

d. unpublished story(draft)时:

对应的网址会500error:

e.g.: https://app.sigle.io/kuoyehshen.id.blockstack/pDys-EHUZDBw5lNghrvdY

对应的json为密文:

https://gaia.blockstack.org/hub/13EDdPp4eqimu18V315V33xQ96fUMRFiAT/pDys-EHUZDBw5lNghrvdY.json

{"iv":"d7265afb76c73741ed3cb7c251bb039a","ephemeralPK":"02526840c606da64d0a3d31dfd4a8ea2673e8b0c9a9798c
c1d98e2cab6a70a1e13","cipherText":"1bdf35f13670467feba4fd0b720f74d91ff844aafdea17682ddd174c4f8de490ae3784
03effb1ee976cb5a4e44ddd0dd3bc82b5aee339a8ecd6d028b1c387388635534ebdf99a585255d92140b670741bc6b46ef4
fe9a31bd57f0fd4562f87004838c63aa950b8afcef4425a2ad3e22d44a161db17b9451b0e7a0940fdb4ce994b47e58b77fbc0
94ce07db71cf498d7a87d2be078f109556751a9aaab5cdd0b824a822d7074dd0b6ef3be7c380b237d0681cc16ca647b261
c00a93b04fd351d5ffd1f5825339679f84a8c8b984f2a45d2d60508ab845f7ad8b0fdec9a4552e651616230bfbb700de841a4
454071f9308379af83ff071de92b28604784afcd688f02aea965fa233d12a351763eb0d7e720ef331807387ecc84f86aca5c6
bfd803e0caf09fb8e0e4af18ff89fb9e9a7f80bf8a34cbe30c4d0d23c67fca8cea5cec0f51be48dff7972210fe4f2c46000467cd2
235fe1c5961a763330feb1eb8684fe1f75d608d09ed477ce4439ea042f81be1b4c39434b9fb95008ef9dee281bfcc170c0170
f816f71555d3d51a2b13c347a2382af878185f441210d9c5bc7bb457fd92b8e4f052a1235ab5e97b7fa56fa68ffd5fc354caf40
4d219a4d08bd980708a6cd73e95e146b8e0a48f1af5303dbc8a88d2e5f5ff58dcc7308fed340a6b18bfad9bba38247a9f2663
59aa6da5d498f879fd1e975c609cc42e7f633ba2fe95","mac":"0aef3999119e2352d8f3f1e94ab2a25d2556800e8a3223cdb
96160243d223569","wasString":true}

e.他人不需登陆看某人blog首页时：

e.g.:https://app.sigle.io/kuoyehshen.id.blockstack/

对应的json：

https://app.sigle.io/kuoyehshen.id.blockstack/O7ZLZpey68pHsPTgmGOBv

https://gaia.blockstack.org/hub/1EqwhtRqS9Emqvkzq79J6Vn6zubpkXhUMm/profile.json

可抓到

"https://app.sigle.io":
"https://gaia.blockstack.org/hub/13EDdPp4eqimu18V315V33xQ96fUMRFiAT/"

f.看某人的blog中某篇特定文章时：

e.g.:https://app.sigle.io/kuoyehshen.id.blockstack/O7ZLZpey68pHsPTgmGOBv

https://gaia.blockstack.org/hub/13EDdPp4eqimu18V315V33xQ96fUMRFiAT/settings.json

此处会request error：是bug

https://gaia.blockstack.org/hub/13EDdPp4eqimu18V315V33xQ96fUMRFiAT/O7ZLZpey68pHsPTgmGOBv.json

{"id":"O7ZLZpey68pHsPTgmGOBv","type":"public","title":"test","createdAt":1585466645920,"updatedAt":1585466732648,"metaTitle":"test meta","metaDescription":"test meta description","coverImage":"https://gaia.blockstack.org/hub/13EDdPp4eqimu18V315V33xQ96fUMRFiAT/photos/O7ZLZpey68pHsPTgmGOBv/1585466730889-IMG_5795.JPG","content":{"object":"value","document":{"object":"document","data":{},"nodes":[{"object":"block","type":"paragraph","data":{},"nodes":[{"object":"text","text":"test","marks":[]}]}]}}}
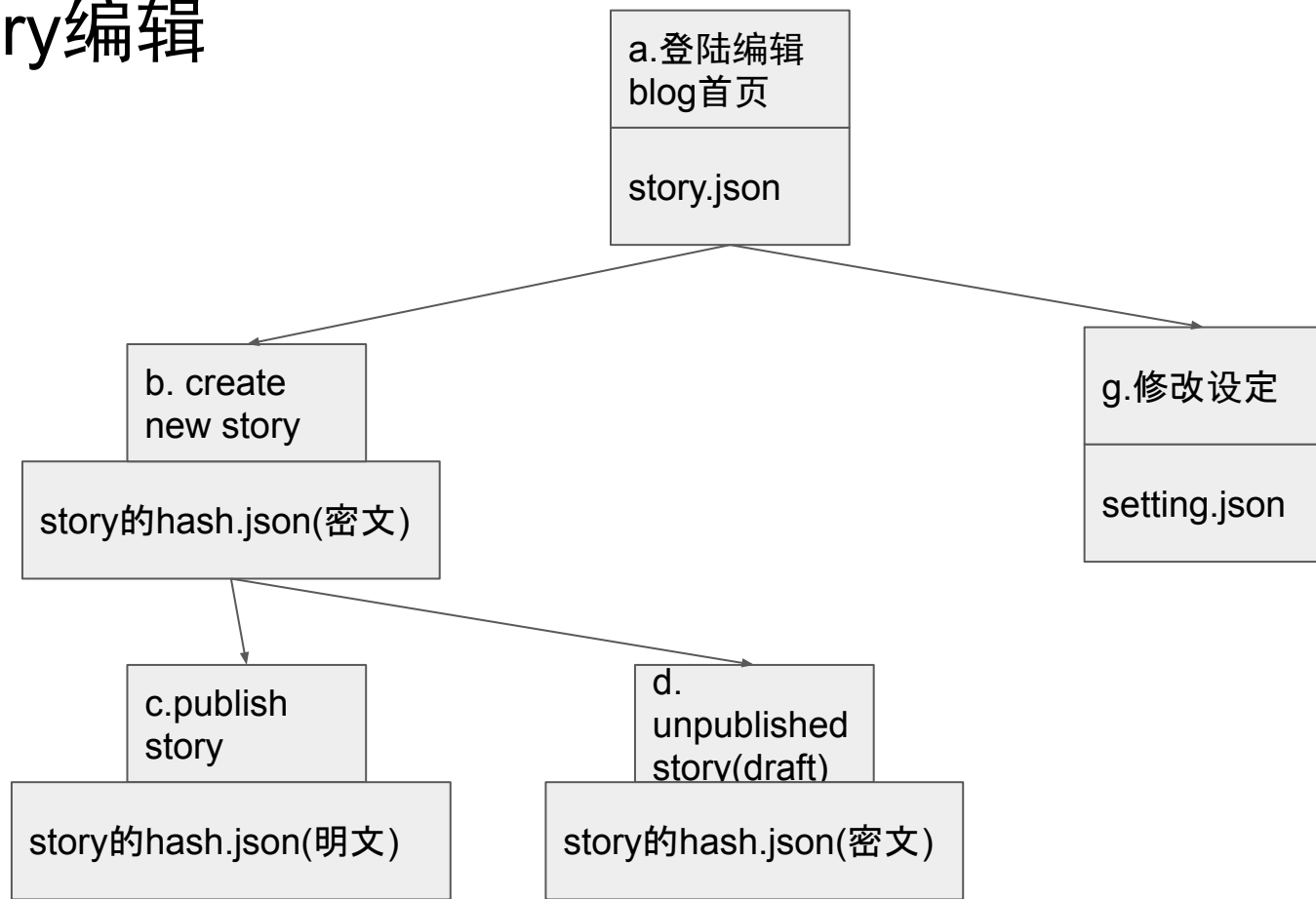
g.修改设定

出现

https://gaia.blockstack.org/hub/13EDdPp4eqimu18V315V33xQ96fUMRFiAT/settings.json

2.业务流程图

story编辑

```
a.登陆编辑
blog首页

story.json
```

```
b. create
new story

story的hash.json(密文)
```

```
g.修改设定

setting.json
```

```
c.publish
story

story的hash.json(明文)
```

```
d.
unpublished
story(draft)

story的hash.json(密文)
```

不需登陆看某人blog时

https://app.sigle.io/kuoyehshen.id.blockstack/

e.他人不需登陆看某人blog首页时
profile.json

可抓到此app中此用户的gaia folder

"https://app.sigle.io":
"https://gaia.blockstack.org/hub/13EDdPp4eqimu18V315V33xQ96fUMRFiAT/"

f.看某人的blog中某篇特定文章
story的hash.json(明文)

3.分析概況

分析概况

似乎是将一个名 为"Julia"(https://genieframework.com/)的blog framework改版为blockstack版本

可由未发布(draft)的story中看到
, e.g.:https://app.sigle.io/kuoyehshen.id.blockstack/pDys-EHUZDBw5INghrvdY

此app设计是将user的blockstack id作为blog网域：e.g.https://app.sigle.io/kuoyehshen.id.blockstack/

story分为已发布(published)与未发布(Draft)，每个story有其对应的hash，组成story link与其story的json

e.g.:https://app.sigle.io/kuoyehshen.id.blockstack/O7ZLZpey68pHsPTgmGOBv

https://gaia.blockstack.org/hub/13EDdPp4eqimu18V315V33xQ96fUMRFiAT/O7ZLZpey68pHsPTgmGOBv
.json

若是story是published则对应的json为明文，内容包含story中的图文等资讯

若是story是draft则对应的json为密文

Bug report

观看blog文章时不需要出现setting.json, 此处会有此档案request error的情况

https://gaia.blockstack.org/hub/13EDdPp4eqimu18V315V33xQ96fUMRFiAT/settings.json

作业2

1.你选择的产品如何解决了行业痛点？（行业痛点是什么，它是如何解决它的？）
以往的blog都是中心化服务，加上内容由政府监管，此服务为去中心化blog，用blockstack体系来达成去中心化blog

2.如果你是这个产品的开发团队，你认为这个产品在中国的商业模式是什么？你认为应该如何改变或添加产品的模块来扩大整个商业模式呢？

在国内由于言论隐私性，未来可搭配付费订阅制，订阅者才能看到明文

3.你认为这个产品相比较中心化产品有哪些不足？不足的点应该怎样改进，可以用技术流程图补充的方式来说明你的观点。

速度还是稍微有点慢，似乎是gaia或是core.blockstack的连线带宽不够，未来可自己架设自己的gaia hub

4.未来如果推出智能合约，整个产品的技术流程图你认为会有怎样的变化？

如第二点所描述，未来可以是推荐他人订阅成功后可以分利润，或是未来可以搭配广告投放，文章点阅后可以分到广告费......