

Universal Acceptance Testing Social Media

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The team



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Social Media Universal Acceptance Testing

- Project overview
- Project objectives
- Scope



Social media applications to be tested

| Social Media Site or App | Active Users (Millions) ¹ |
|--|--------------------------------------|
| Facebook | 1,712 |
| WhatsApp | 1,000 |
| Facebook Messenger | 1,000 |
| QQ  | 899 |
| WeChat  | 806 |
| QZone  | 652 |
| Tumblr | 555 |
| Instagram | 500 |
| Twitter | 313 |
| Baidu Tieba  | 300 |
| Skype | 300 |
| Sina Weibo  | 282 |
| Viber | 249 |
| RenRen  | 236 ² |
| Line   | 218 |
| Snapchat | 200 |
| YY | 122 |
| Linkedin | 106 |
| Vkontakte  | 100 |
| Pinterest | 100 |
| BBM | 100 |
| Telegram | 100 |
| Kakao Talk  ³ | |

Platforms to be tested

The latest versions of the following operating systems have been used

- Windows

- Osx

- IOS

- Android

- Linux

Sample use cases from UASG004

Domain Names: *Examples*

| ascii.ascii | | Registered | Working |
|-------------------|--------------------|------------|--|
| Ascii.new | ua-test.link | Yes | Yes |
| Ascii.long | ua-test.technology | Yes | Yes |
| Idn.ascii | 普遍接受-测试.top | Yes | Yes |
| Ascii.idn | ua-test.世界 | Yes | Yes |
| Idn.idn | 普遍接受-测试.世界 | Yes | Yes |
| Idn-open dot-idn* | 普遍接受-测试。世界 | No need | 普遍接受-测试。世界 should be automatically |

Sample use cases from UASG004

Path Cases (IRIs)

| | | |
|--------------------------|--|--|
| ascii.ascii/Unicode | | Working |
| Ascii.new/Unicode | ua-test.link/我的页面 | Yes |
| Ascii.long/Unicode | ua-test.technology/我的页面 | Yes |
| Idn.ascii/Unicode | 普遍接受-测试.top/我的页面 | Yes |
| Ascii.idn/Unicode | ua-test.世界/我的页面 | Yes |
| Idn.idn/Unicode | 普遍接受-测试.世界/我的页面 | Yes |
| Idn-open dot-idn/unicode | 普遍接受-测试.世界/我的页面 | 普遍接受-测试.世界/我的页面 will be automatically transformed into 普遍接受-测试.世界/我的页面 |
| Ascii.RTL/Unicode | | |
| RTL.ascii/Unicode | القبولالعالمي-ختبار.top/我的页面 | No |
| RTL.RTL/Unicode | شبكة.القبولالعالمي-اختبار | No |

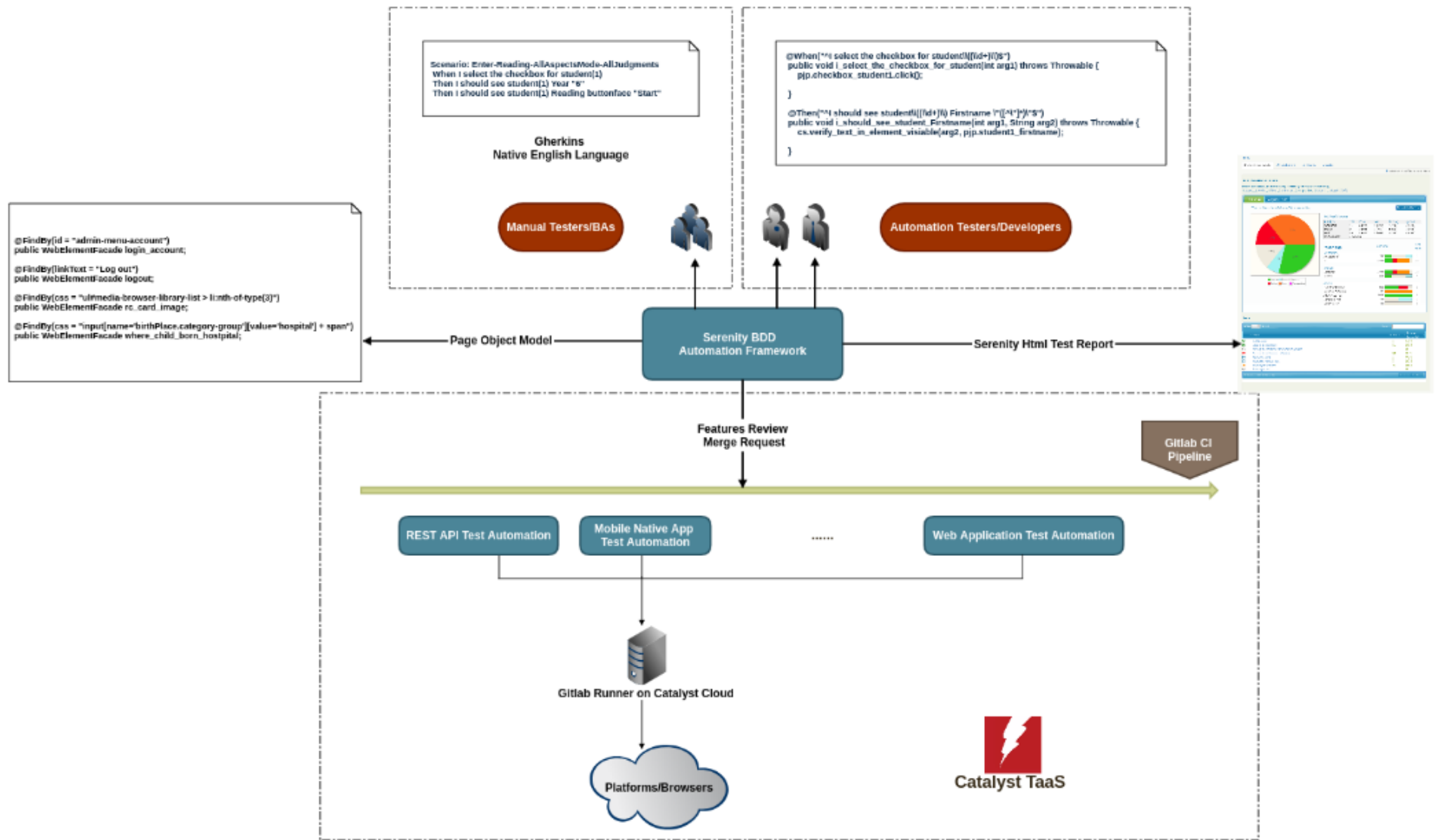
E-mail Addresses:

| | | |
|--|--|-----------------------|
| | | Host |
| ascii@ascii.ascii | | Coremail ² |
| ascii@ascii.new | Info1@ua-test.link | Coremail |
| ascii@Ascii.long | info2@ua-test.technology | Coremail |

Project approach

- Test automation
- Tools
- Manual testing components

Automated Testing - Architecture



Issues and Challenges

- Locator Id
- Manual authentication
- Rate limiting
- Region limitations

Observations

- UASG010 standard changes
- Punycode dash conversion
- Open dot
- No result errors

Preliminary Findings



Sample Report Section

3.1.1 Table 1: Desktop platform results

| Test ID | Test Data | Facebook | | | WhatsApp | | | Facebook Messenger | | | QQ | | |
|---|--|----------------|-----------------|------------|----------------|---------------|------------|--------------------|---------------|------------|----------------|---------------|------------|
| | | Windows / IE11 | Linux / Firefox | Mac/Safari | Windows / IE11 | Linux/Firefox | Mac/Safari | Windows / IE11 | Linux/Firefox | Mac/Safari | Windows / IE11 | Linux/Firefox | Mac/Safari |
| Usage004 Verification - Domain Names | | | | | | | | | | | | | |
| 1 | www.ua-test.link | | | | | | | | | | | | |
| 2 | www.ua-test.technology | | | | | | | | | | | | |
| 3 | www.普通接受-测试.top | | | | | | | | | | | | |
| 4 | www.ua-test.世界 | | | | | | | | | | | | |
| 5 | www.普通接受-测试.世界 | | | | | | | | | | | | |
| 6 | www.普通接受-测试.世界 | | | | | | | | | | | | |
| 7 | www.ua-test.xn--rhqv96g | | | | | | | | | | | | |
| 8 | www.xn----f38am99bqvcd5li1cxsg.top | | | | | | | | | | | | |
| 9 | www.xn----f38am99bqvcd5li1cxsg.xn--rhqv96g | | | | | | | | | | | | |
| 10 | www.اختبار-القبولاعلامي.top | | | | | | | | | | | | |
| 11 | www.اختبار-القبولاعلامي.شبكة | | | | | | | | | | | | |
| Usage004 Verification - Email Addresses | | | | | | | | | | | | | |
| 1 | info1@ua-test.link | | | | | | | | | | | | |
| 2 | info2@ua-test.technology | | | | | | | | | | | | |
| 3 | info3@普通接受-测试.top | | | | | | | | | | | | |
| 4 | info4@ua-test.世界 | | | | | | | | | | | | |
| 5 | info5@普通接受-测试.世界 | | | | | | | | | | | | |
| 6 | info5@普通接受-测试.世界 | | | | | | | | | | | | |
| 7 | info4@ua-test.xn--rhqv96g | | | | | | | | | | | | |
| 8 | info3@xn----f38am99bqvcd5li1cxsg.top | | | | | | | | | | | | |
| 9 | info5@xn----f38am99bqvcd5li1cxsg.xn--rhqv96g | | | | | | | | | | | | |
| 10 | info6@اختبار-القبولاعلامي.top | | | | | | | | | | | | |
| 11 | اختبار-القبولالعالمي.شبكة | | | | | | | | | | | | |
| 12 | رسل@saudi.net | | | | | | | | | | | | |
| 13 | 测试1@ua-test.link | | | | | | | | | | | | |
| 14 | 测试2@ua-test.technology | | | | | | | | | | | | |
| 15 | 测试3@普通接受-测试.top | | | | | | | | | | | | |
| 16 | 测试4@ua-test.世界 | | | | | | | | | | | | |
| 17 | 测试5@普通接受-测试.世界 | | | | | | | | | | | | |
| 18 | 测试5@普通接受-测试.世界 | | | | | | | | | | | | |
| 19 | 测试4@ua-test.xn--rhqv96g | | | | | | | | | | | | |
| 20 | 测试3@xn----f38am99bqvcd5li1cxsg.top | | | | | | | | | | | | |
| 21 | 测试5@xn----f38am99bqvcd5li1cxsg.xn--rhqv96g | | | | | | | | | | | | |
| 22 | 测试6@اختبار-القبولاعلامي.top | | | | | | | | | | | | |
| 23 | دون@رسل، السعودية | | | | | | | | | | | | |
| 24 | مستخدم@saudi.net | | | | | | | | | | | | |

Questions & Answers

