

모바일 클라우드 최신기술

추천 인디 중간 평가

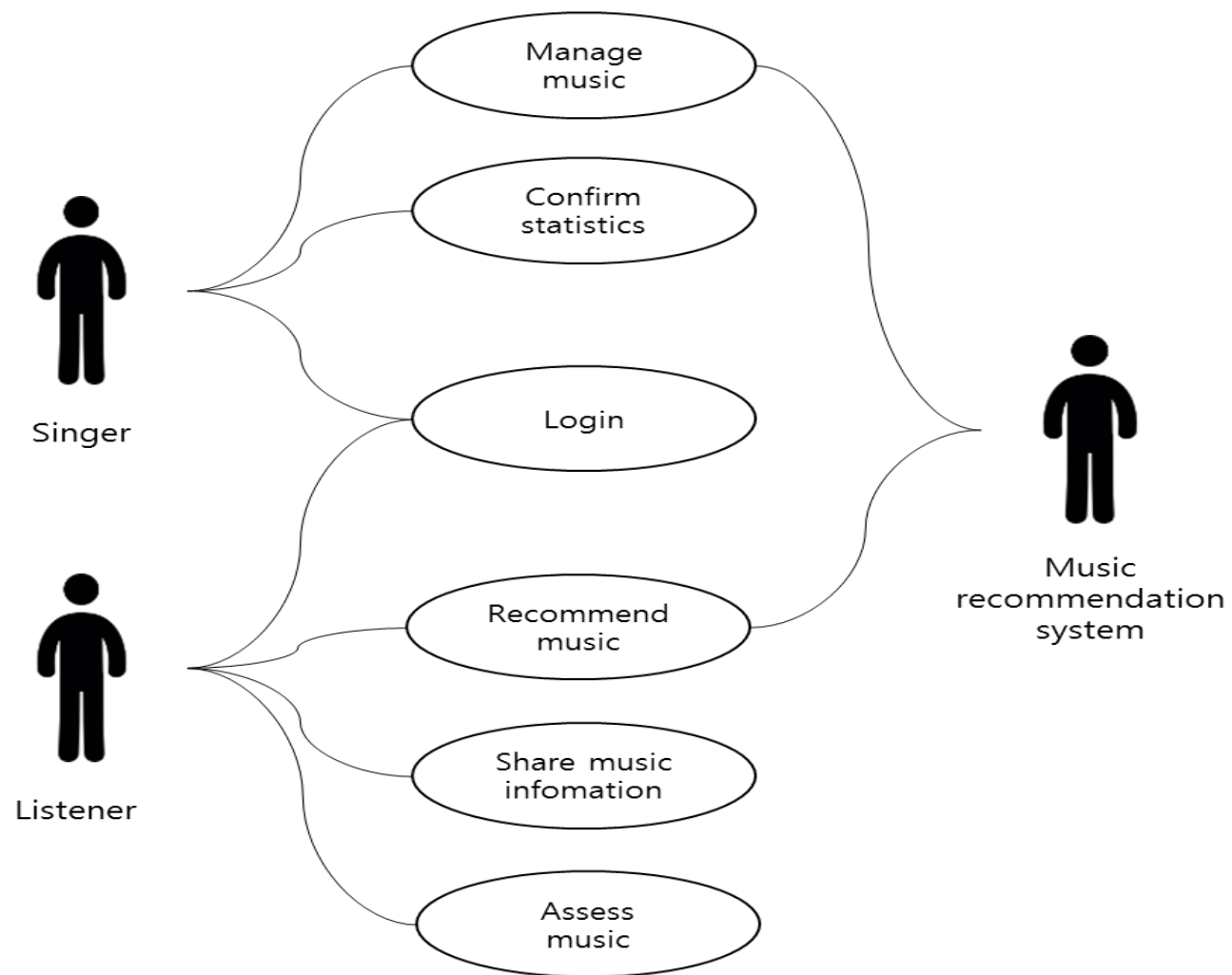
20103378 임종호

누구나 자신의 음악을

누구나 성향에 맞는 음악을

인디 음악 시장의 활성화

유즈케이스 다이어그램



시스템 구조도

추천 인디



Mobile
(android App)



Application
Server(EC2)



Amazon S3

Bonacell

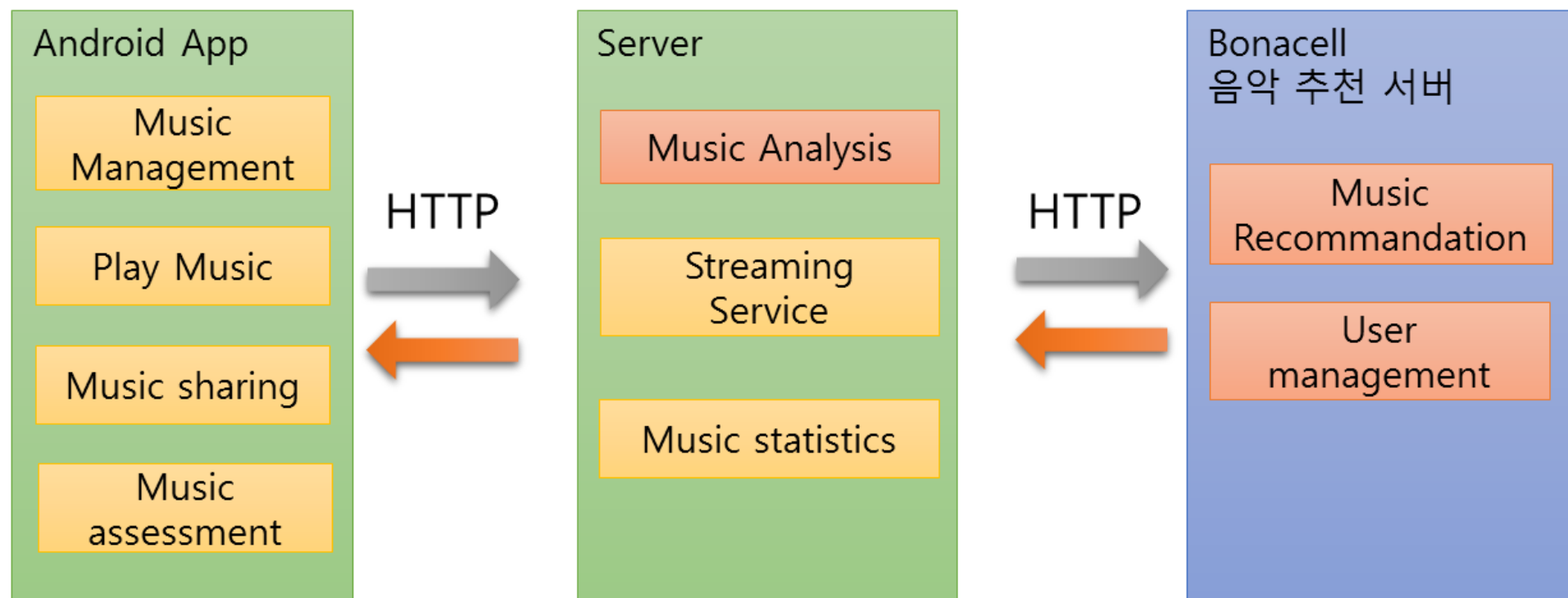


music recommendation
server

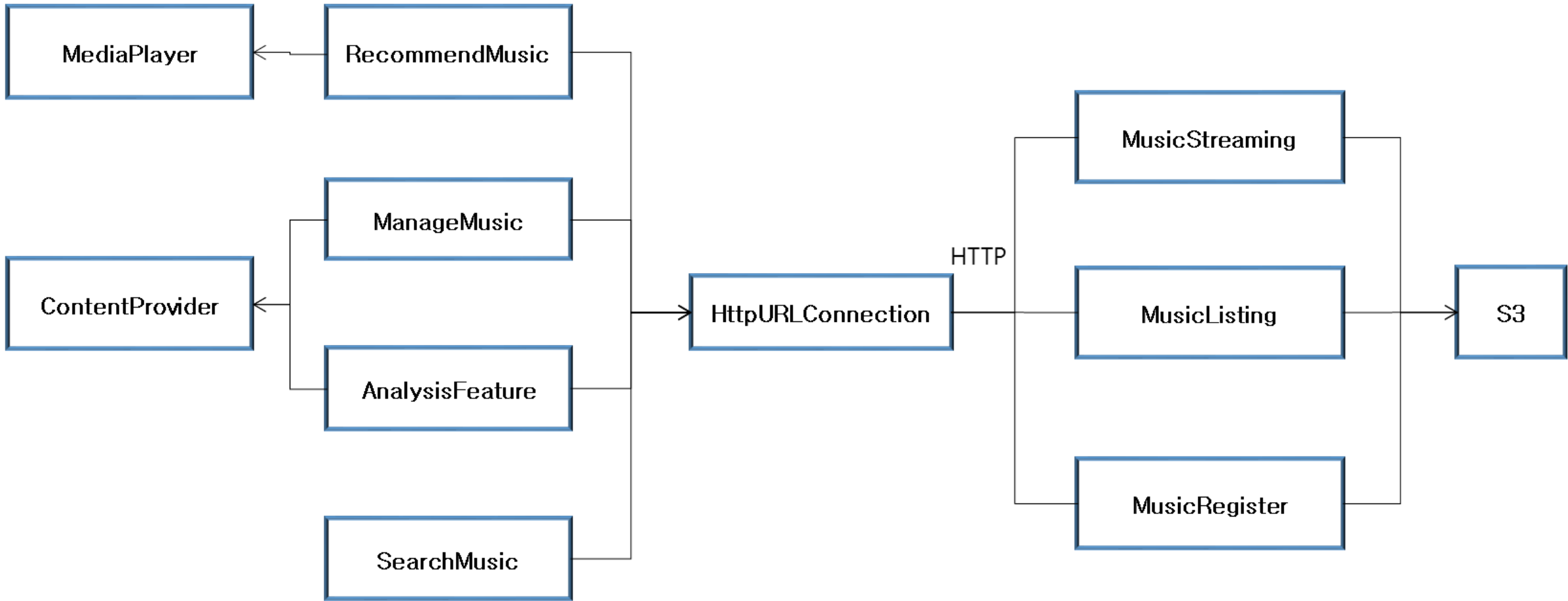


유사곡 Database

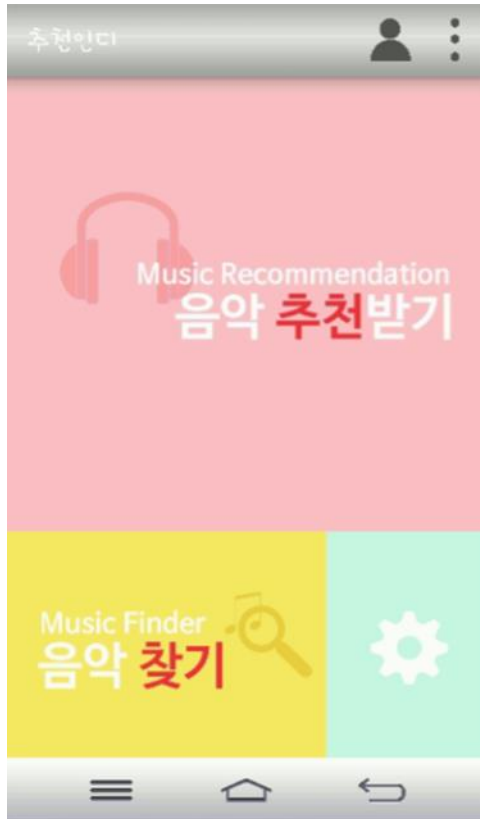
시스템 구조도



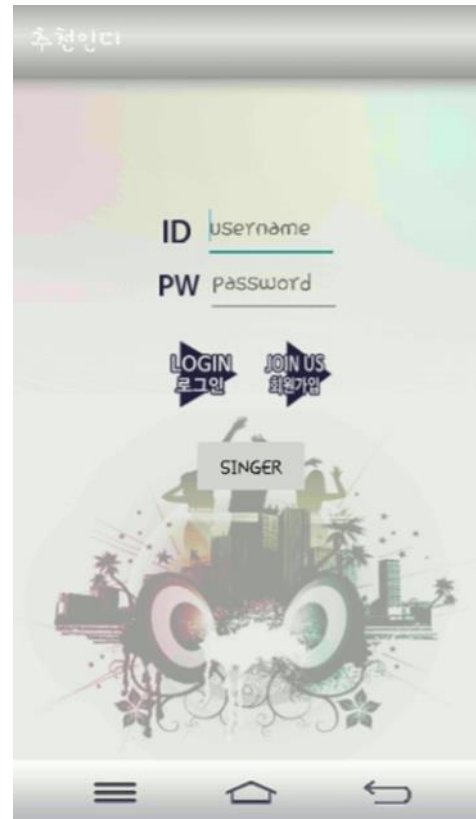
클래스 다이어그램



UI



listener main 화면 (default)



Login 화면



singer main 화면

UI



추천 음악 감상 화면



Search 화면



음악 등록 화면

SERVER



Amazon EC2



Amazon S3

SERVER

```
listening on 19918
-----
recommendation function
play music 안 부 .mp3
-----
recommendation function
play music 안 부 .mp3
-----
::ffff:1.209.175.118 - GET /recommendation HTTP/1.1 200 - - 206.003 ms "Player/LG
Player 1.0 for Android 4.4.2 (stagefright alternative) (SKT-HLS; SKT-LG-p.0.1; LG-F320S)"
::ffff:1.209.175.118 - GET /recommendation HTTP/1.1 200 - - 7732.118 ms "Player/L
G Player 1.0 for Android 4.4.2 (stagefright alternative) (SKT-HLS; SKT-LG-p.0.1;
LG-F320S)"
-----
recommendation function
play music 재 회 .mp3
-----
recommendation function
play music 재 회 .mp3
-----
::ffff:1.209.175.118 - GET /recommendation HTTP/1.1 200 - - 189.613 ms "Player/LG
Player 1.0 for Android 4.4.2 (stagefright alternative) (SKT-HLS; SKT-LG-p.0.1; LG-F320S)"
::ffff:1.209.175.118 - GET /recommendation HTTP/1.1 200 - - 6050.415 ms "Player/L
G Player 1.0 for Android 4.4.2 (stagefright alternative) (SKT-HLS; SKT-LG-p.0.1;
LG-F320S)"
```

Recommendation 요청

```
listening on 19918
-----
list function
-----
::ffff:1.209.175.118 - GET /music HTTP/1.1 200 178 - 506.669 ms "Dalvik/1.6.0 (Linux; U; Android 4.4.2; LG-F320S Build/KOT49I.F320S21u)"
```

Finder 에서 list 요청

```
register function
-----
::ffff:1.209.175.118 - POST / HTTP/1.1 200 2 - 2.495 ms "Dalvik/1.6.0 (Linux; U; Android 4.4.2; LG-F320S Build/KOT49I.F320S21u)"
exist: { AcceptRanges: 'bytes',
  LastModified: 'Tue, 28 Apr 2015 13:28:37 GMT',
  ContentLength: '5932642',
  ETag: '"801adf2e9e8e19ff3519db62c4efa009-2"',
  ContentType: 'application/octet-stream',
  Metadata: {} }
```

음악 register 요청

```
play function
{ title: '안 부 (Duet With 나 운 권)', artist: '별 ', album: '별 2집 ' }
-----
::ffff:1.209.175.118 - POST /play HTTP/1.1 200 2 - 1.255 ms "Dalvik/1.6.0 (Linux; U; Android 4.4.2; LG-F320S Build/KOT49I.F320S21u)"
```

음악 play 등록 (성향 파악을 위한)

감사합니다

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