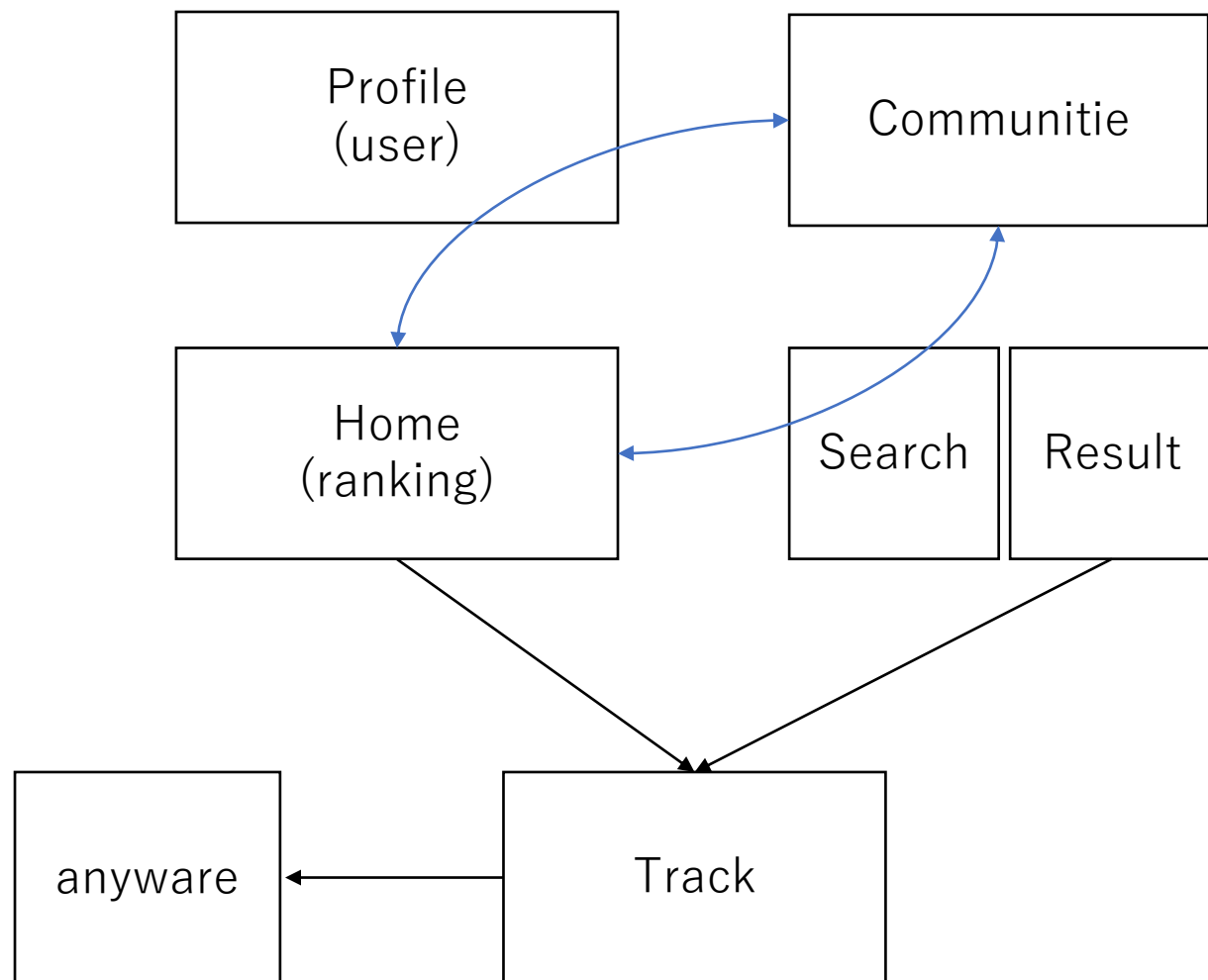# キョクログ

設計概要

プログラム構成

画面遷移図

Search -> Result

<Search page>

q : string from input form

api_request_search(q)
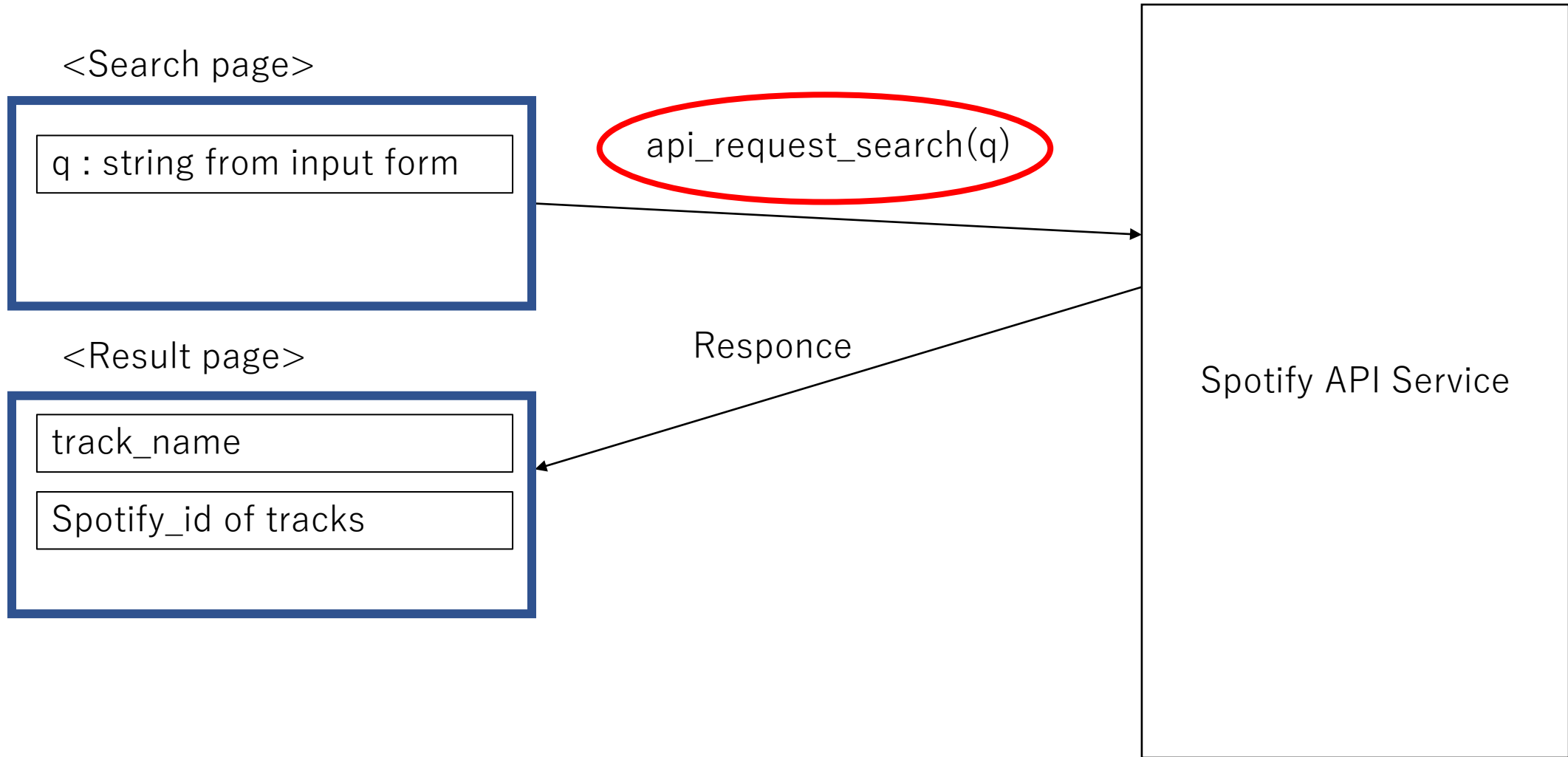
Spotify API Service

<Result page>

track_name

Spotify_id of tracks

Responce

Result -> track_detail

<Result page>

Spotify_id
Track title ...etc

api_request_get(spotify_id)

Responce

<Track_detail page>

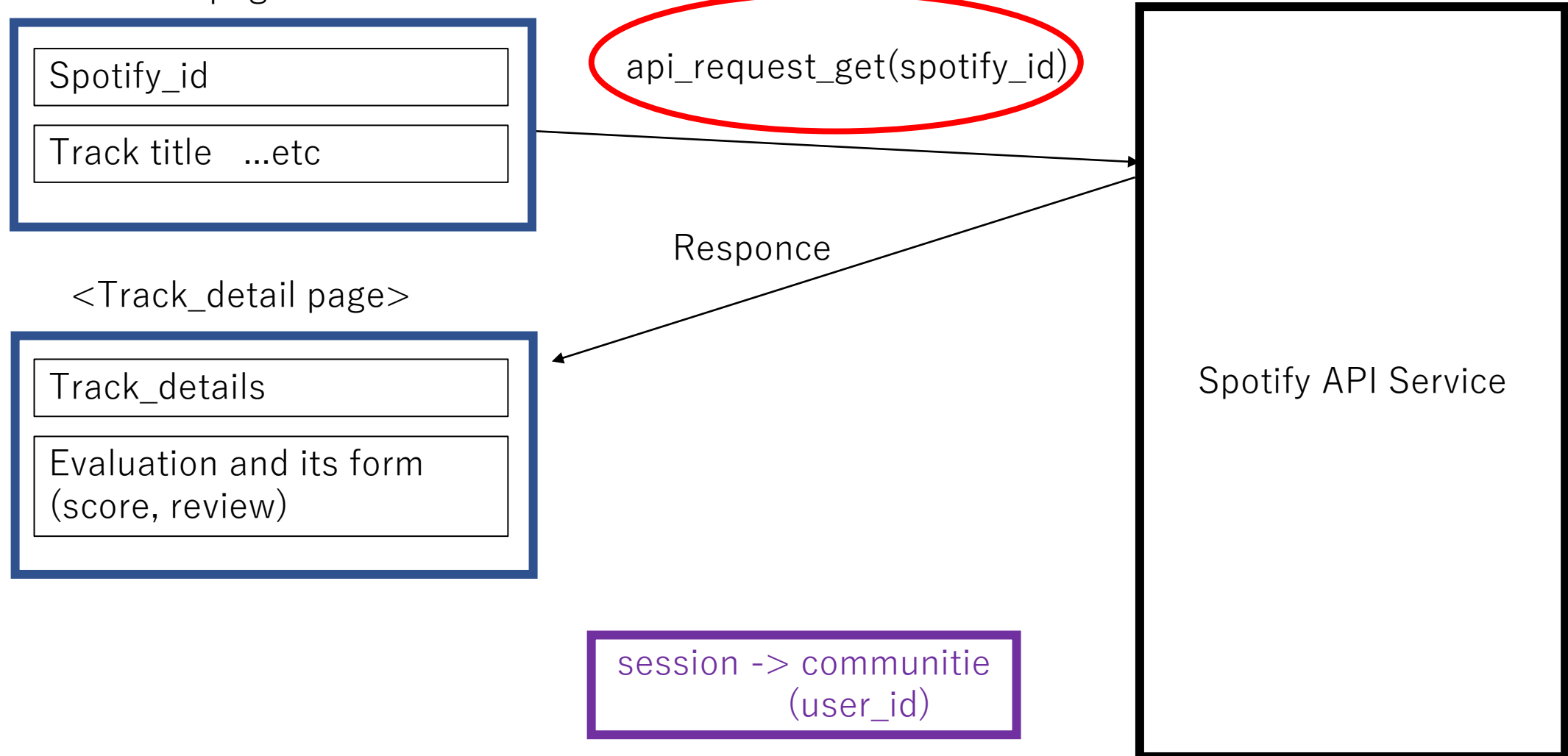| Track_details |
| --- |
| Evaluation and its form (score, review) |

Spotify API Service

session -> communitie (user_id)

Home -> track_detail

view

Method()

get_score(track, eva_id)

api_request_get(spotify_id) EACH TRACKS

sort(spotify_id, score)

get_all_review(communitie _id)

DB

<Ranking(home) page>

get_all_review(track =>spotify_id, communitie_id)

Spotify_id (each song)

Track title (each song)

Responce

Spotify API Service

get_score(user, eva_id)

api_request_g et(spotify_id)

<Track_detail page>

sort(eva_id, score)

Track_details

Evaluation and its form (score, review)

Responce

session -> communitie (user_id)

Profile & New User

view

Method()

Get_profile(user_id, communitie)

session -> communitie user_id

DB

insert_new_user(*inputs*)

<new user page>

| User Name form |
| User Id form |
| User Passsword form |
| Favorite music … etc |

<Profiel page>

| User name |
| User Id |
| User evaluation |
| Favorite music … etc |

| Evaluation form(score, comment) |
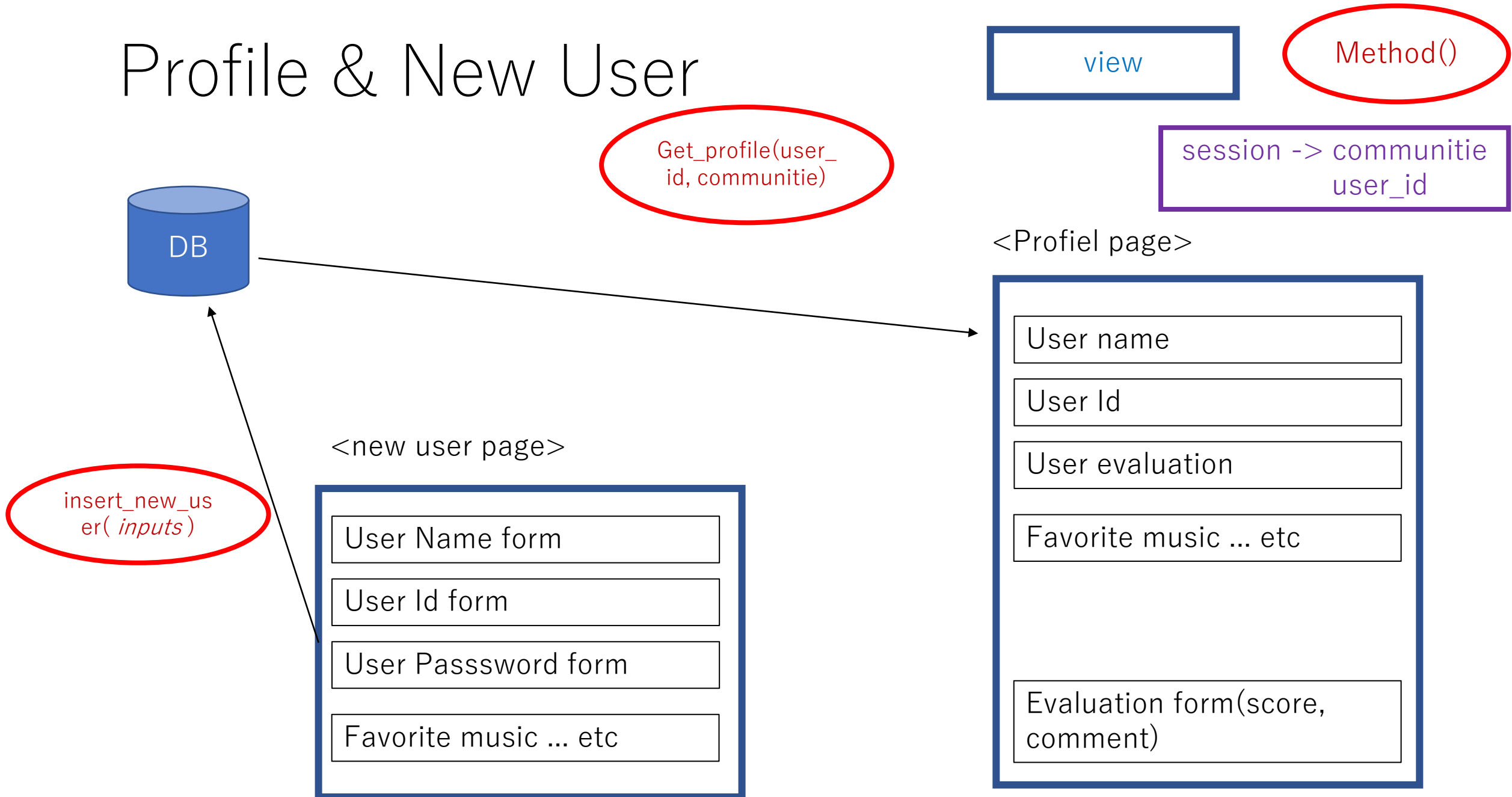
Track or Profile > Evaluation form
>when users review tracks or users

view

Method()

session -> communitie
user_id

Null ->

Save_review
(*review*)

<Login page>

User id from

Password from

Not null

successed

Login(*inputs*)

failed

insert_new_rev
iew(*inputs*)

Communitie

get_communities()

insert_comm()

DB

<Communitie page>

Communitie name(each)

Communitie description(each)

Make a communitie(form)

session -> communitie user_id
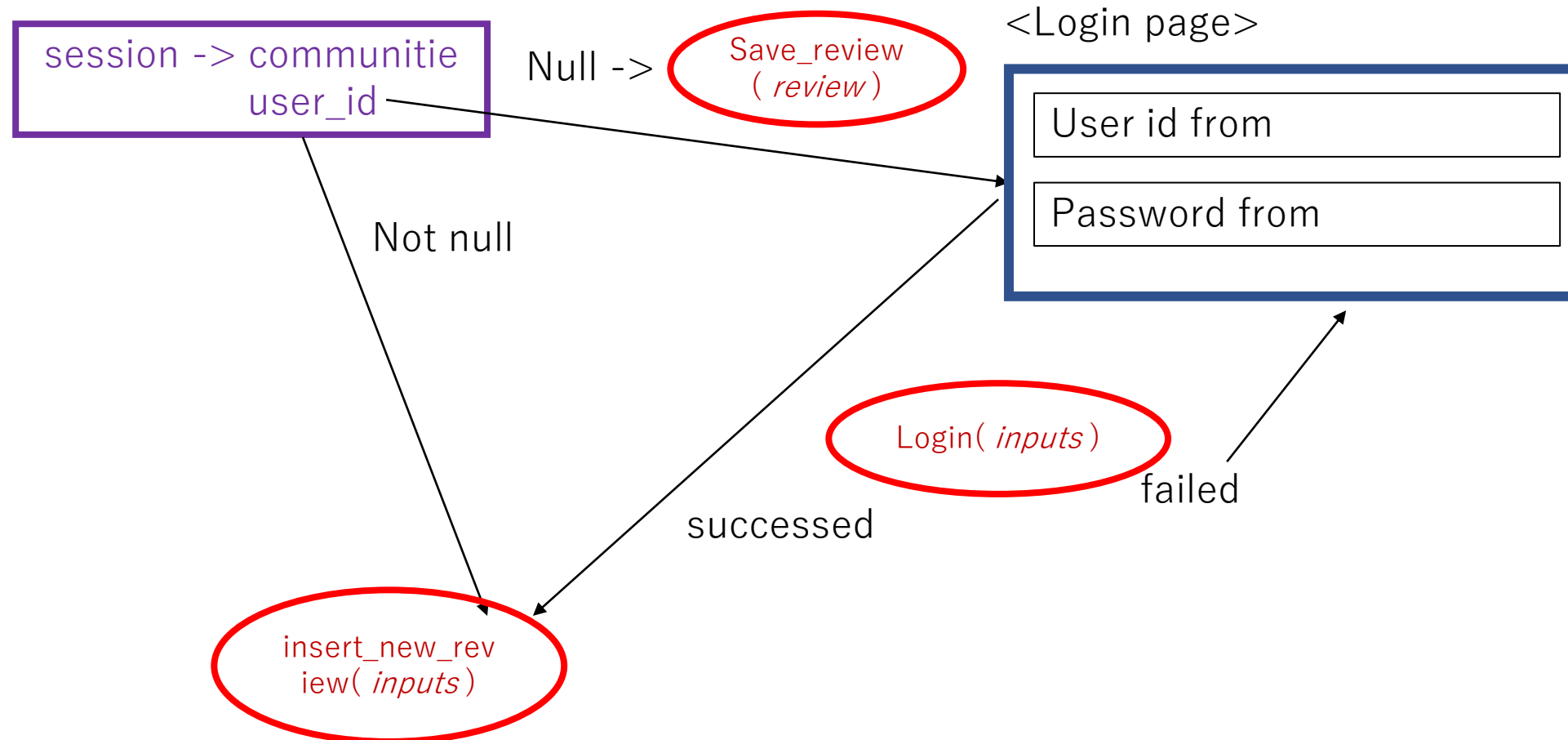
Login required
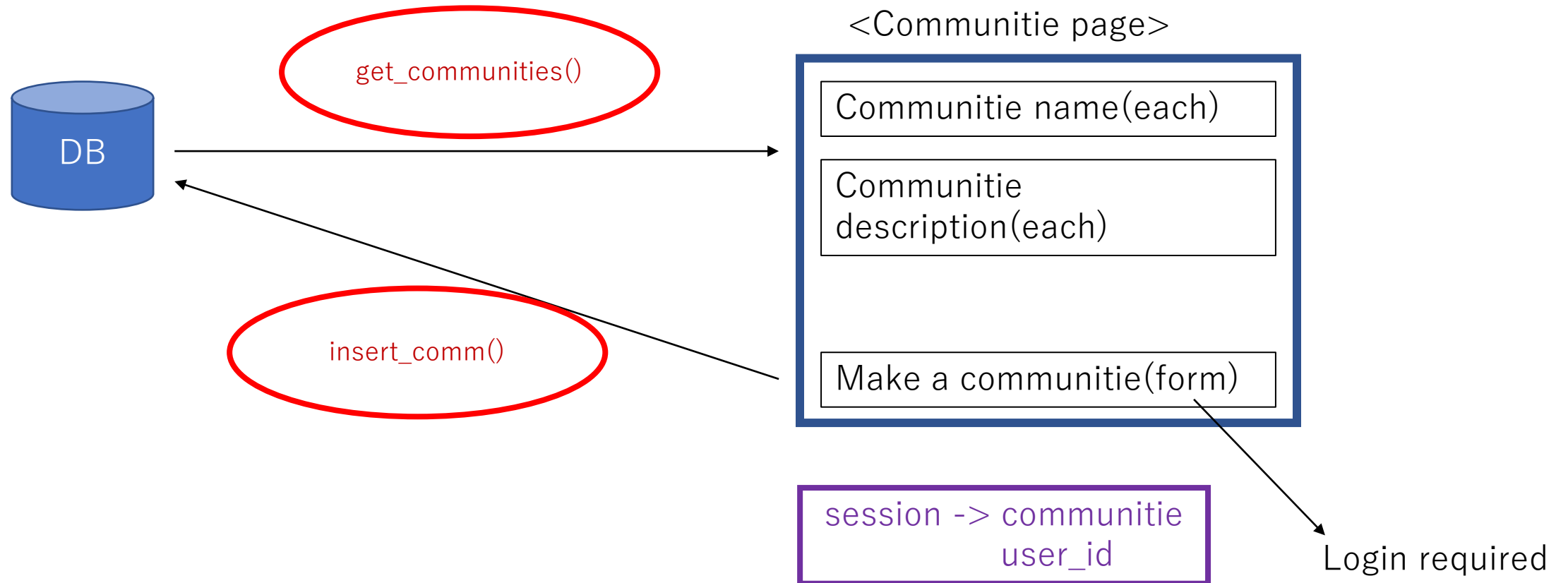
DB　テーブル定義

user_table

NAME	DATA TYPE	NOT NULL	PRIMARY KEY
user_id	varchar(25)	○	○
user_name	nvarchar(30)	○	
password	password	○	
age	int(4)		
sex	string		
favorite	string		

track_evaluation_table

NAME	DATA TYPE	NOT NULL	PRIMARY KEY
eva_id	int?(automatic)	○	○
user_id	varchar(25)	○	
spotify_id	?	○	
communitie_id	int?(automatic)		
score	int(4)	○	
comment	nvarchar(800)		

user_evaluation_table

NAME	DATA TYPE	NOT NULL	PRIMARY KEY
eva_id	int?(automatic)	○	○
user_id	varchar(25)	○	
subject_user_id	varchar(25)	○	
communitie_id	int?(automatic)		
score	int(4)	○	
comment	nvarchar(800)		

user_evaluation_table

NAME	DATA TYPE	NOT NULL	PRIMARY KEY
communitie_id	int?(automatic)	○	○
communitie_name	nvarchar(40)	○	
made_user_id	varchar(25)		
communitie_description	nvarchar(800)		