



Database System Team Project

User-personalized Music
recommendation system

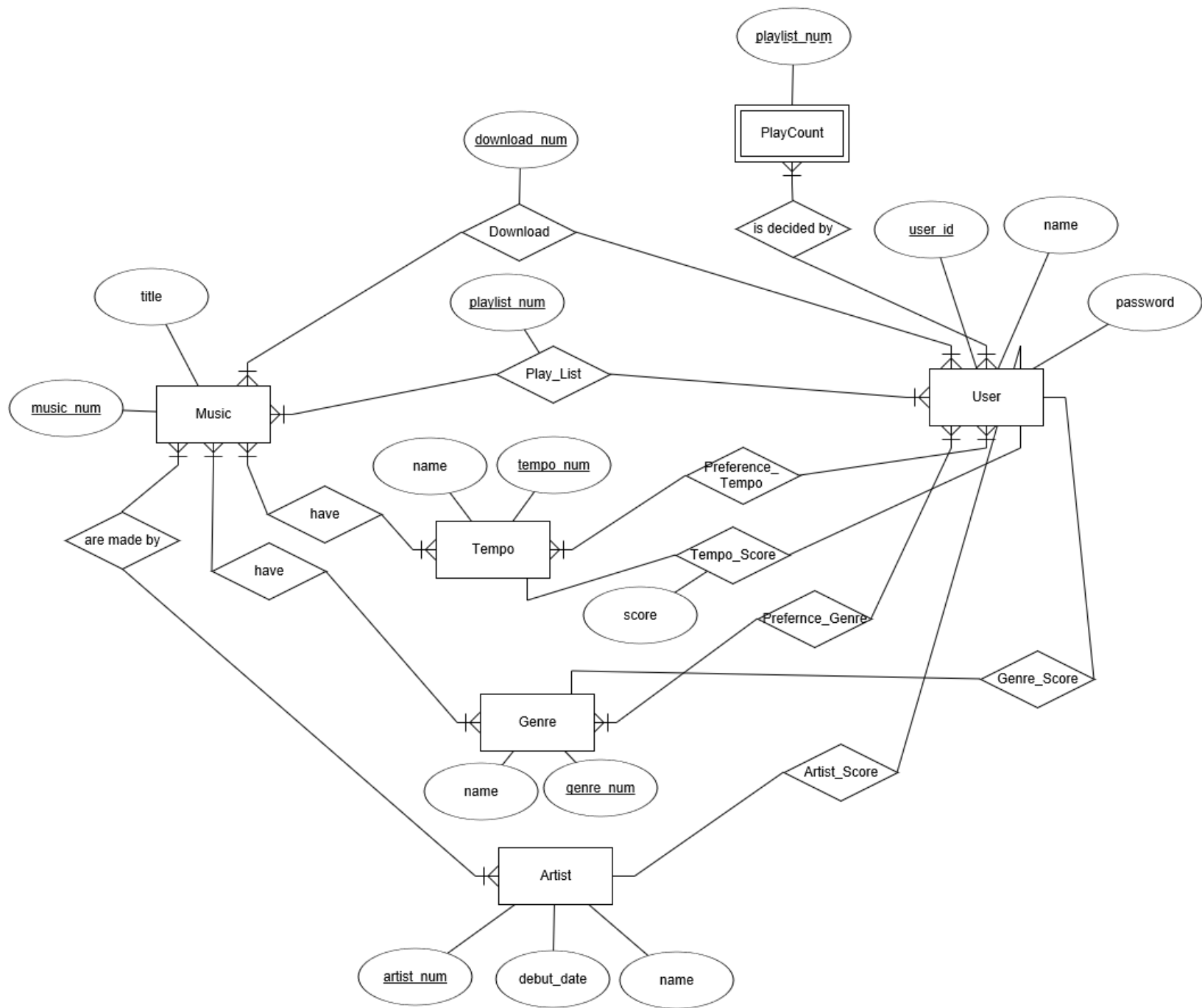


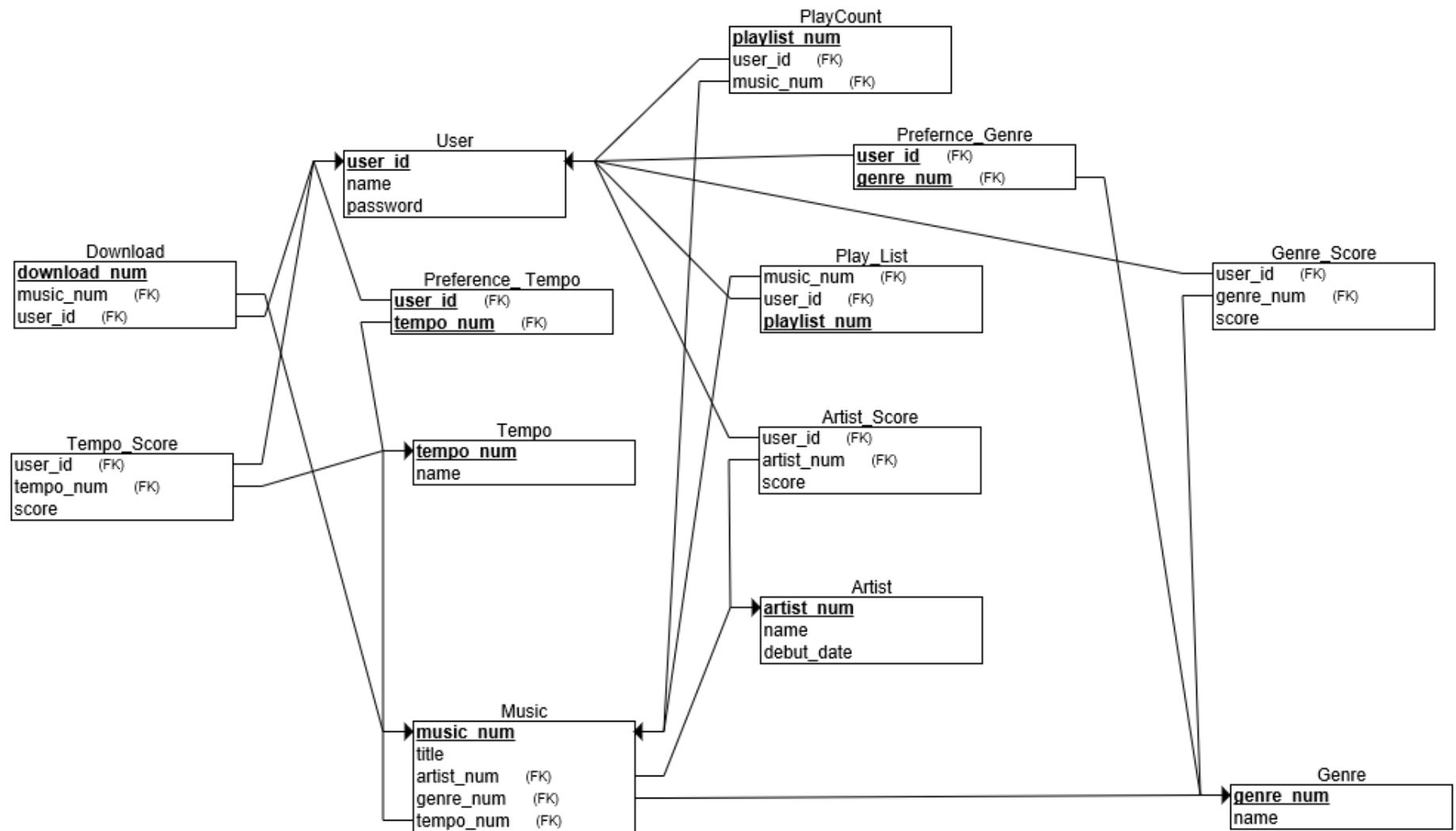
21000494 이성경 21000048 김강산
21000759 최철웅 21200021 강진영
21300356 범가연

01. THEME

User-personalized Music recommendation system

- ▶ User-personalized Music recommendation system (UPMRS)
- ▶ Function
 - Login / Register
 - Music search
 - add music to play list
 - download music
 - Manage list
 - play / remove
 - Recommend music





02. IMPLEMENTATION

User-personalized Music recommendation system

- ▶ Foreign key
ex) Music(artist_num) -> Artist(artist_num)
- ▶ Trigger
ex) Preference_Genre_Ins_Trigger
- ▶ Transaction
ex) preference 수정 시
- ▶ Index

02. IMPLEMENTATION

How to recommend

- ▶ Use preference and grading tables –artist, genre, tempo
 - user add music to the play list +1
 - user select preference +10
 - Play music +1
 - Download music + 5
- ▶ Assume recommendation algorithm is already implemented
- ▶ Recommend based on score